

Educational —Software—

*A directory of
currently available software
for primary
and secondary education*

COMPILED BY THE NATIONAL COUNCIL
FOR EDUCATIONAL TECHNOLOGY

J WHITAKER & SONS LTD

Dinosaur discovery

Barnstaple: 4mat
198-

BBC B; BBC B+; BBC Master; £16.00
1 disk; 1 teacher's manual; 2 Diaries; Master
sheets; labels

Puzzles; Problem solving; Primary education;
Primary secondary education; Secondary
education; Special educational needs; Adventure
simulation; Computer Games; Cross curriculum

An educational adventure game, with
suggestions for setting up a Dinosaur Discovery
cross-curricular project and for activities related
to Language, Drama, Art, Craft and design,
Mathematics and Science.

Dragon world

Barnstaple: 4mat
198-

BBC B; BBC B+;
£17.65 BBC Cassette

Disk or Cassette; 1
book; 1 User's Manual
Illustrated record s
overlay

Puzzles; Problem so
education; Primary
educational needs; A
Computer Games; C

An educational adver
provide the basis for
project for a term, en
activities.

BBC disk or cassette; A
6-10

Basic organic ch

Chepstow: AVP Comp
198-

BBC B; BBC B+; BB
Nimbus; IBM PC and
Nimbus network; (up
(up to 48 machines)

Disk

Chemistry; Seconda
education; Further e
Examinations

Contents: Organic a
compounds from ra
molecules using an
synthesis (20 reage
in combination to p
compounds); Chira
Isomerism (use of
between represent

Only specify 80t if
16-18

Educational Software

*A directory of currently available software
for primary and secondary education*



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EDUCATIONAL TECHNOLOGY



J WHITAKER & SONS LTD

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Introduction

This guide to the educational software currently available in Britain will direct you to around 5,000 packages from 270 of the leading educational software publishing houses.

In response to repeated requests for information, the National Council for Educational Technology and J Whitaker & Sons Ltd have joined forces to provide this guide to help those working in resources management or teaching. Hitherto, information about educational software has been either fragmented or selective, or has required access to online facilities or CD-ROM players. This book is published so that all interested parties can have at their fingertips a comprehensive listing in a convenient, browsable format.

Included in *Educational Software* are software packages that support learning across the whole range of National Curriculum core and foundation subjects for primary and secondary education, software for those who have special educational needs and vocational software for further education. It also has a wide coverage of computer applications and utilities software, including a number of aids for schools administration.

The National Council for Educational Technology has been gathering information about available software for a number of years, and the information

contained here has been researched from many sources. Details concerning the software were checked with the producers and were correct at the time of going to press. Because software prices change frequently, it is recommended that users check price information with producers. The information in this book is held on a database at NCET and is constantly updated there.

This is the first edition of a book that we hope will serve as a working tool for many teachers and advisors in schools and colleges in the UK. Our intention is to continue to gather the information that goes into it and to publish updated editions in the future. We would be very pleased to hear from users about ways to improve the directory, both concerning the information it contains and in the way it is presented. If you have any suggestions please write to J Whitaker & Sons Ltd, 12 Dyott Street, London WC1A 1DF. If you produce software for education and would like to be included in the database, please write to NCET, Sir William Lyons Road, Science Park, University of Warwick, Coventry CV4 7EZ.

How to use this directory

This guide is arranged alphabetically by title. Titles that begin with numerics follow the alphabetic listing. Entries contain detailed information including title, author, publisher, price, keywords, version, machine compatibility, special technical or hardware requirements, age range and a short resumé of the product.

If you know the title of the package you require then use the alphabetical sequence to find more information about the item. If you are looking for software for a particular subject or level, then use the subject index. Once you have identified the titles you want, you can use the publisher details on each record to trace the address and telephone number of the supplier in the suppliers index.

Elements of an entry

- Title** – the title of a package given by the producer. Some packages list two or more titles of separate programs on the same disk
- Author** – not always given by the producer
- Producer** – organisation from which the package is available. Some packages have joint producers
- Machine compatibility** – what hardware the software can be used on
- Price** – correct information at the time of going to press
- Contents of the package** – what is supplied by the producer
- Keywords** – curriculum applicability, educational level, other uses and applications in an abbreviated form
- ISBN** – a product code used by some producers, especially for books
- Resumé** – a brief description of the package and how it can be used
- Technical notes** – details about the software and necessary extras
- Age range** – given only when specified by the producer

Subject index

The subject index is arranged in broad subject areas which have been chosen to be most immediately useful to users. They are Art, Careers education, Computer studies, Databases and information handling, Design technology, Desktop publishing, English, Geography, History, Languages, Mathematics, Music, Personal and social education, Science, School and library management, Spreadsheets, Utilities and communications and Word processing. Where appropriate, the subject indexes have been divided into primary and secondary education. Some programs will have relevance to more than one classification, but we have attempted to give each a main classification for indexing purposes. There is a separate index classification for Special needs.

Abbreviations

1Mb	one megabyte of memory
40t	40 track (for disks)
80t	80 track (for disks)
ADFS	advanced disk filing system
DFS	disk filing system
DTP	desktop publishing
d/d	double density (disk)
d/s	double sided (disk)
RAM	random access memory
s/d	single density (disk)
s/s	single sided (disk)
WORM	write once read many

Dates

198 –	where decade is certain but precise year is unknown
198?	where decade is uncertain

Educational Software

A level chemistry software pack 3

Clugston, M.J.; Tonbridge School

Harlow: Longman/Logotron
1988

A level chemistry software

BBC B; BBC B+; BBC Master 128; Acorn
Archimedes; £33.00

Disk; 1 documentation booklet

Sciences; Chemistry; Secondary education;
Sixth form education; Further education; A level
examinations

958201350X

Includes programs on: orbitals, chemical
periodical trends, shapes of molecules;
qualitative analysis; classification; Raoult's law.

BBC 40t, 5.25" DFS disk; Archimedes
compatible 3.5" disk; Nimbus/Network 3.5" disk
16-19

A level chemistry software pack 1

Clugston, M.J.; Tonbridge School Computer
Group

Harlow: Longman/Logotron
198-

A level chemistry software

BBC B; BBC B+; BBC Master 128; Acorn
Archimedes; £33.00 RM Nimbus/Network;
£44.00

Disk

Chemistry; Secondary education; Sixth form
education; Further education; A level
examinations

Contents : Acid dissociation; Boyle's law;
Maxwell-Boltzmann distribution; Mole
calculations; Molecular structures and names;
pH curves; Pressure simulation; Radioactive
decay.

BBC 40t, 5.25" DFS disk; Archimedes
compatible 3.5" disk; Nimbus/Network 3.5" disk
16-19

A level chemistry software pack 2

Clugston, M.J.; Tonbridge School Computer
Group

Harlow: Longman/Logotron
198-

A level chemistry software

BBC B; BBC B+; BBC Master 128; Acorn
Archimedes; £33.00 RM Nimbus/Network;
£44.00

Disk

Chemistry; Secondary education; Sixth form
education; Further education; A level
examinations

Covers: Born-haber cycle; Curves using the Van

der Waals equation; Haber and contact processes;
Orders of reaction; 3D graphs; Trends in the
periodic table. Previously published by Pitman
BBC 40t, 5.25" DFS disk; Archimedes
compatible 3.5" disk; Nimbus/Network 3.5" disk
16-19

A level economics

Lambert, B.

Bangor: Akadimias
198-

Tutor series : Sciences & Social Sciences

BBC B; BBC Master 128; Econet levels 2 & 3;
Acorn; RM Nimbus PC 186; RM Nimbus AX
series; Nimbus network; Amstrad 6128 & PCW;
IBM PC compatible; £25.00 (includes site
licence for up to 10 terminals)

Disk; study booklet; reading list

Economics; Secondary education; Sixth form
education; Further education; A level
examinations

A program to test student knowledge with
questions in a multiple choice format, in either
a random or sequential order, and with various
user selectable time-bases against which the test
may be taken. Facilities for revision; sequential,
random test modes; with four time based skill
levels in each test mode. Discounts available:
details from publisher

BBC 40 or 80t disk (please specify). Acorn DFS
& ADFS; RM Nimbus 3.5" disk; Amstrad disk;
IBM P C 5.25" or 3.5" disk (please specify).

16+

A level electricity pack

Harlow: Longman Micro Software
198-

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; Acorn
Archimedes; £25.00 BBC Econet; SJ file server;
AMCOM E-Net; RM Nimbus/Network; £35.00

Disk

Physics; Electronics; Secondary education; Sixth
form education; Further education education

Contents: Capacitor discharge (laboratory
experiments/computations of simple capacitor
circuits); Electrical impedance (charts frequency
response of circuits with resistors, capacitors and
inductors, as defined by the user).

BBC 40t, 5.25" DFS disk; BBC 80t, 5.25" disk;
Archimedes compatible 3.5" disk; Nimbus/
Network 3.5" disk

16-19

A level general physics pack

Harlow: Longman Micro Software

198-

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; Acorn
Archimedes; £25.00 BBC Econet; SJ file server;
AMCOM E-Net; RM Nimbus/Network; £35.00

Disk

Physics; Secondary education; Sixth form
education; Further education; A level
examinations; Simulation

Contents: Acoustics (calculating reverberation
time of a room for different sound frequencies -
design/construction of room variable); Mass
spectrometry (simulation of mass spectrometer
allowing eventual identification of ions in an
"unknown sample"); Photoelectric effect (the
photoelectric effect/Einstein's photoelectric
equation, using a computer model and a
simulation of Millikan's apparatus).

BBC 40t, 5.25" DFS disk; BBC 80t, 5.25" disk;
Archimedes compatible 3.5" disk; Nimbus/
Network 3.5" disk

14-19

A level genetics

Jones, Ruth Kenealy

Bangor: Akadimias
198-

Tutor series : Sciences & Social Sciences

BBC B; BBC Master 128; Econet levels 2 & 3;
Acorn; RM Nimbus PC 186; RM Nimbus AX
series; Nimbus network; Amstrad 6128 & PCW;
IBM PC compatible; £25.00 (includes site
licence for up to 10 terminals)

Disk; study booklet; reading list

Sciences; Genetics; Secondary education; Sixth
form education; Further education; A level
examinations

A program to test student knowledge with
questions in a multiple choice format, in either
a random or sequential order, and with various
user selectable time-bases against which the test
may be taken. Facilities for revision; sequential,
random test modes; with four time based skill
levels in each test mode. Discounts available:
details from publisher

BBC 40 or 80t disk (please specify). Acorn DFS
& ADFS; RM Nimbus 3.5" disk; Amstrad disk;
IBM P C 5.25" or 3.5" disk (please specify).

16+

A level maths with statistics

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; Electron
(BBC DFS); £19.50 Acorn Archimedes; £24.50

Disk

Statistics; Mathematics; Secondary education;
Sixth form education; Further education

Contents: Graph (up to 3 graphs at any one time - input in algebraic form; angles in degrees or radians; combinations of previous graphs simply entered); Samples (introduces random sampling and the central limit theorem for means and proportions from a population of names); Binomial (the relationship between n the binomial, normal and poisson distributions); Scatter (scatter diagrams, regression lines using ideas related to Kendall's rank correlation coefficient)

Only specify 80t if you cannot use 40t disks

16-18

A level matrices

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £19.50
Electron (BBC DFS); £19.50 Econet; £58.50
RM Nimbus £24.50

Disk

Algebra; Secondary education; Sixth form education; Further education

Covers principal topics for A level, especially planes, the solution of 3×3 equations, matrix inversion, determinants, providing practical examples of sketching planes, the intersection of 3 planes, principal transformation of the unit cube; row operations.

Only specify 80t if you cannot use 40t disks.

16-18

A level physics suite

SPA (Software Production Associates)

Leamington Spa: SPA (Software Production Associates)

1986

RM Nimbus; £22.00 RM Nimbus Network
£52.00 BBC B; BBC B+; BBC Master; RML
380Z; RML 480Z; £21.00 RM 480Z Network
49.00

1 disk; 1 booklet

Sciences; Physics; Secondary education; Sixth form education; Further education; Simulation

Closely supports the Nuffield Physics course, but contains notes for other courses. Mainly for teacher demonstration of experiments which are hard or impractical in the classroom; includes Decay of charge; Milikan oil drop experiment; Deflection of alpha particles; Diffraction and slit interference; Michelson-Morley interferometer; Thermal equilibrium models.

RML 380Z needs HRG

16+

A level sociology

Borland, John; Betts, Sandra

Bangor: Akadimias / Sussex Publications; World Microfilms

198-

Tutor series: Sciences & Social Sciences

BBC B; BBC Master 128; Econet levels 2 & 3;
Acorn; RM Nimbus PC 186; RM Nimbus AX
series; Nimbus network; Amstrad 6128 & PCW;
IBM PC compatible; £25.00

Disk; study booklet; reading list

Sociology; Secondary education; Sixth form education; Further education; A level examinations

A program to test student knowledge with questions in a multiple choice format, in either a random or sequential order, and with various user selectable time-bases against which the test may be taken. Facilities for revision; sequential, random test modes; with four time based skill

levels in each test mode. Discounts available: details from publisher.

BBC 40 or 80t disk (please specify). Acorn DFS & ADFS; RM Nimbus 3.5" disk; Amstrad disk; IBM PC 5.25" or 3.5" disk (please specify).

16+

A level/GCSE physics

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; (80t); £24.50
IBM PC and compatibles; £24.50

Disk

Physics; Secondary education; Sixth form education; Further education; General Certificate of Secondary Education; A Level Examinations

A menu-driven package covering A Level/GCSE topics including: alpha particle scattering; Millikan's experiment; the photoelectric effect; quantum shuffling; forced oscillations; electric fields and potential; single slit resolution; dice statistics; ray diagrams; cathod ray oscilloscope. All require student input, most on paper, recording results/plotting graph/calculating input

BBC 80t only

14-18+

A vous la France

Kenning, Mike, Kenning, Marie-Madeleine

London: BBC Enterprises / Longman-Logotron

198-

BBC B; BBC B+; BBC Master 128; £25.00

3 floppy disks; documentation (1 booklet); (two audio cassettes for £3.95 each and a book for £6.95 are available)

Modern languages; French; Adventure simulation; Adult education

0563210893

An introductory package for French language learning. It can be used with the BBC book, "A vous la France" and audio cassettes, or alone. The 45 programs to improve French grammar and vocabulary include cloze testing, diagrams, sentence build-up, street map reading, clock reading and an adventure game

11+

A/UX 1.1

Uxbridge: Apple Computers (UK) Ltd

198-

Apple Macintosh; details from publishers

Disk

Communication

Apple Computer's own implementation of the multi-tasking system Unix. Compatible with other manufacturers' implementations of AT & T System 5, Release 2, Version 2, of which it is a full implementation. Features include full support for virtual memory using the 68851 chipset; full suite of Berkeley BSD 4.2 enhancements for research use; full development tools, e.g. assemblers, linkers; the AT & T Documenter's Workbench and Adobe Transcript for technical manuals production. Provides increased support for Macintosh OS applications; is fully compatible with AppleTalk.

Available either as a complete Macintosh II, Ix or Bx CPU-based system, on an 80Mb internal or external disk drive or on tape cartridge. The 68851 PMMU chipset is required for installation with existing Macintosh II systems. Available only from authorised Apple A/UX dealers.

Abacus

See: Videomaths 1

Abacus

See: Games, activities and investigations: volume 1 and volume 2

ABC

See: Education compendium

Aberdeen 3D physical landscape

Glasgow: CDG (Scotland) Ltd.

198-

3D physical landscapes

BBC B; BBC B+; BBC Master 128; £15.50
Acorn Archimedes; IBM PC; RM Nimbus;
£21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

Geography; Databases; Secondary education

Designed to take advantage of the potential of the Three Dimensional suite. Deals with aspect of land use, relief, roads, rocks, soils and slopes. Structured modular work units accommodate a ability levels; integrate computer procedures an assist in the acquisition of knowledge and understanding, developing enquiry, evaluation and analysis skills, etc. Optional Epson compatible screen dump (BBC/Nimbus only) available - £7.50 (BBC); £13.50 (Nimbus). Discounts available for purchase of any two or more datapacks - details from publishers.

Please state format required: BBC 40 or 80t disk IBM PC (EGA/ECD only).

12-16

Abrams battle tank

Langley, Nr. Slough: Electronic Arts Ltd

198-

PC; £24.99

Disk

Computer games

Access accounting : version 2.4

Reading: M.E. Electronics Ltd.

198-

Apple Macintosh; details from publishers

Disk

Business education

A fully integrated accounting software series with 9 modules: Sales order processing; Sales ledger; Stock control; Purchase order processing; Costing; Purchase ledger; Nominal ledger; Cash book; Payroll and Personnel records. Multi-user capabilities.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Accident de route

See: Au restaurant and accident de route

Accidents

Advisory Unit; London Fire Brigade

Hatfield: Advisory Unit

198-

Quest datafiles

BBC B; BBC B+; BBC Master 128; BBC Master Compact; Econet; Acorn Archimedes; IBM PC and compatibles; RML 380Z; RML 480Z; RM Nimbus; £15.00

Primary education; Secondary education; Statistics; Information handling; Databases

Two sets of datafiles on the incidents of accidents: Fire: a file giving information about the cause, location, treatment and casualties in fires in London in 1983. Homac: a file of 212 accidents which took place in the home and garden involving children of 8-12 years taken from records collected by the DTI Home Accident Surveillance System in 1984.

Please specify machine version required.

7+

Accounts trainer

Riddle, Gregory; Barker, Barry

London: Pitman Publishing

1988

IBM PC; £45.00

1 disk; 1 booklet

Business education; Careers; Economics; Secondary education; Further education; Sixth form education; Adult education; Spreadsheets 0273023677

This program aims to teach financial accounting at BTEC and degree level. Exercises from any accounting text eg. 'Business accounting' by Frank Wood or from the programs booklet can be used

11-Adults

Accounts - business accounts for the classroom

GSN Software; Nixon, Brian

Ashton-under-Lyne: Granada Educational Software

1990

BBC Master 128; Econet 2; Econet 3; £26.25 RM Nimbus; RM Nimbus network; £27.85

Disk; manual; data sheets; data disk

Cross curriculum; Business education; Economics; Secondary education; Further education; Databases

Associated with I.T. TV series, but can be used independently. Designed to help students carry out mini-enterprise activities. Handles invoices, stock control and sales ledger. Can be used with Keysheet.

Disk (40t)

11-16+

Accu-type

Rushden: Accu Tech Software Services.

198-

£40.00 - £800.00 depending on licence arrangement (personal, single, site-wide) and version (minimum or standard) and operating system (MS-DOS; Xenix; Unix; VMS; Primos; MPE V; Sintran). 10% educational discount

Disk; documentation

Business education; Secondary education; Further education; Adult education

A keyboard training system teaching touch-typing techniques (diagonal method). Takes between 12 to 20 hours, keeps detailed student records. A range of 120 exercises, adaptable to each individual's specific needs. Includes facility

for customising package for any kind of VDU. Multiple site orders 50% discount for second and subsequent sites on same order

Please state machine, operating system and disk or tape size and capacity

11+

Acheton

Thackray, Jon; Partington, Jonathan; Searle, David

Peterborough: Topologika

1987

Text adventures

BBC B; BBC Master 128; BBC Master Compact; PCW; £14.95 CPC; Spectrum +3; £11.95 Amstrad; IBM PC; RM Nimbus; £17.50 Acorn Archimedes; Acorn A3000; £19.95

Disk; clue-sheet

Adventure simulation; Computer games; Puzzles; Problem solving; Secondary education

A classic cave adventure, taking place in the four thousand and twenty-seventh year of the reign of Yeilka-Oekim IV, with the aim of discovering the secrets of the land of Acheton. Archimedes version includes Kingdom of Hamil free

12-Adult

Acid drops

London: ITV Schools

198-

BBC B; BBC B+; BBC Master 128; £8.50 RM Nimbus; £9.75

Disk; User's manual

Environmental education; Primary education; Secondary education; Information handling

Datafiles for use with Key. Produced in association with the Watch Trust for Environmental Education Ltd. Contains detailed information about rainfall acidity collected from 1976 sites during a survey carried out by young people from 27.09.86 - 25.10.86. Two datafiles, one has detailed information, the other summary data.

BBC, 5.25" DFS; Converts for Key 128 or Key Econet

9-13

Acorn

Cambridge: Acornsoft

1983

BBC B; BBC B+; BBC Master 128K B+; £19.95 BBC Master 128; BBC Master Compact; £26.00

ROM; disk

Utilities; Primary education; Secondary education; Sixth form education

Turns a BBC B, B+, Master Compact or Master 128 into an intelligent videotext terminal with help screens for all functions; a screen editor; access to most videotext systems; facility to store information on disk; ability with a suitable printer to print screen images; facility to install 10 user-defined functions using utilities disk.

ROM; 40/80t disk; 3.5" disk

12-16+

Acorn host

Cambridge: Acornsoft

BBC B; BBC B+; BBC 128K B+; BBC Master 128; BBC Master Compact; £95.00

Disk; booklet

Utilities; Library administration; Information handling; Secondary education; Sixth form education; Further education

A flexible, easy to use videotext system, allowing user to adapt it very simply to particular needs. Powerful management utilities allow user control over the information made available and to whom. Uses include provision of information; library maintenance; teaching aid.

40/80t disk; 3.5" disk

12-16+

Acornsoft hits 1

Cambridge: Acornsoft

BBC B; BBC B+; BBC 128K B+; BBC Master 128; BBC Master Compact (40/80t); £11.95 BBC B; BBC B+; BBC 128K B+; BBC Master 128; BBC Master Compact (3.5"); £14.95

Disk; booklet

Computer graphics; Computer games; Puzzles; Problem solving; Primary education;

Contents: Magic mushrooms (a game constructor allowing user to design own games together with a game of skill and quick thinking as the user guides Murphy around the screen, overcoming hazards in his search for mushrooms); Planetoid (user flies a laser-ship over the planetoid surface to rescue life-forms from the alien invasion); Maze (user finds way around the mazes of the security system of a top secret rival installation, avoiding robot guards - keyboard/joystick compatible); Rocket Raid (user flies rocket to Martians' supply base, destroying their fuel tanks and servicing units).

40/80t disk; 3.5" disk

5+

Acornsoft hits 2

Cambridge: Acornsoft

BBC B; BBC B+; BBC 128K B+; BBC Master 128; BBC Master Compact (40/80t); £11.95 BBC B; BBC B+; BBC 128K B+; BBC Master 128; BBC Master Compact (3.5"); £14.95

Disk; booklet

Puzzles; Problem solving; Computer graphics; Computer games; Primary education;

Contents: Starship command; (user commands a starship against the attacking alien - keyboard or joystick compatible); Arcadians (user attempts to destroy aliens while avoiding their dive-bombing tactics); Meteors (user steers laser-ship through hail of meteors and missiles from flying saucers); Labyrinth (user guides Monk through a labyrinth, dodging hazards, to collect the magic crystals - keyboard or joystick compatible).

40/80t disk; 3.5" disk

5+

Acoustics

See: A level general physics pack

Adam and Eve

Catholic University of Leuven, Belgium

Oxford: OUP (Oxford University Press)

1991

Oxford English CALL Software

IBM PC and compatibles; details from publishers

Disks; documentation

English; French; Spanish; Dutch; German; Language; Modern languages; Primary education; Secondary education

Programs to analyse texts and generate exercises to go with them. Contents: ADAM (Automated Document Analysis and Manipulation) - analyses text against a lexical database, tagged with information on frequency, familiarity and coverage of vocabulary; EVE (Extensible Variety of exercises) generates exercises based on the analysis of the text. Lexical database of 2,000 words is organized into grades sets of 500 words each, and includes facilities for user added sets. Automatic evaluation of performance

7+

Add

See: Fun with numbers

Add : disk 1

Northampton: Nordis Software

1988

Add

BBC B; BBC B+; BBC Master; Master Compact; £11.00 RM Nimbus; £12.90 (Qwerty keyboard version)

Disk; user manual

Mathematics; Computer graphics; Special educational needs; Computer games

Contains 5 programs based on matching numbers. Includes progress monitor. Available in Educational software for overcoming learning disability packs.

40/80t disk; Operated by Qwerty & Concept keyboard; Light pen; (Touch screen version on separate disk)

Add : disk 2

Northampton: Nordis Software

1988

Add

BBC B; BBC B+; BBC Master; Master Compact; £11.00 RM Nimbus; £12.90 (Qwerty keyboard version)

Disk; user manual

Mathematics; Computer graphics; Special educational needs; Computer games

5 programs based on putting numbers in order, beginning work on counting. Includes progress monitor. Available in Educational software for overcoming learning disability packs.

40/80t disk; Operated by Qwerty & Concept keyboard; Light pen; (Touch screen version on separate disk)

Add : disk 3

Northampton: Nordis Software

1988

Add

BBC B; BBC B+; BBC Master; Master Compact; £11.00 RM Nimbus; £12.90 (Qwerty keyboard version)

Disk; user manual

Mathematics; Computer graphics; Special educational needs; Computer games

5 programs on counting. Includes progress monitor. Available in Educational software for overcoming learning disability packs.

40/80t disk; Operated by Qwerty (Touch screen version on separate disk)

Add : disk 4

Northampton: Nordis Software

1988

Add

BBC B; BBC B+; BBC Master; Master Compact; £11.00 RM Nimbus; £12.90 (Qwerty keyboard version)

Disk; user manual

Mathematics; Computer graphics; Special educational needs; Computer games

5 programs on simple addition. Includes progress monitor. Available in Educational software for overcoming learning disability packs.

40/80t disk; Operated by Qwerty (Touch screen version on separate disk)

Add : disk 5

Northampton: Nordis Software

1988

Add

BBC B; BBC B+; BBC Master; Master Compact; £11.00 RM Nimbus; £12.90 (Qwerty keyboard version)

Disk; user manual

Mathematics; Computer graphics; Special educational needs; Computer games

5 programs covering simple addition; mental arithmetic; number bonding. Includes progress monitor. Available in Educational software for overcoming learning disability packs.

40/80t disk; Operated by Qwerty keyboard

Add : disk 6

Northampton: Nordis Software

1988

Add

BBC B; BBC B+; BBC Master; Master Compact; £11.00 RM Nimbus; £12.90 (Qwerty keyboard version)

Disk; user manual

Mathematics; Computer graphics; Special educational needs; Computer games

5 programs on number bonding; working numbers from memory. Includes progress monitor. Available in Educational software for overcoming learning disability packs.

40/80t disk; Operated by Qwerty keyboard

Add : disk 7

Northampton: Nordis Software

1988

Add

BBC B; BBC B+; BBC Master; Master Compact; £11.00 RM Nimbus; £12.90 (Qwerty keyboard version)

Disk; user manual

Mathematics; Computer graphics; Special educational needs; Computer games

5 programs covering carrying. Includes progress monitor. Available in Educational software for overcoming learning disability packs.

40/80t disk; Operated by Qwerty

Add : disk 8

Northampton: Nordis Software

1988

Add

BBC B; BBC B+; BBC Master; Master Compact; £9.50 RM Nimbus; £12.90 (upon completion)

Disk; user manual

Mathematics; Computer graphics; Special educational needs; Computer games

5 programs covering carry; mental arithmetic addition of 5 rows. Includes progress monitor. Available in Educational software for overcoming learning disability packs.

40/80t disk; Operated by Qwerty

Add sub maths

Jones, T

Glasgow: Scetlander

Adult numeracy/literacy

BBC B; BBC B+; BBC Master 128; £15.00

2 disks

Mathematics; Further education; Adult education; Special educational needs; Computer games

1855720809

Aids adult basic numeracy: involves adding/subtracting one to four digit numbers. Three correct answers allow student to place bet on "National". Incorporates features for switch users

BBC 5.25" disk

18+

Adders

Newport, Lincoln: MEDUSA

198-

BBC B; BBC B+; BBC Master; £6.00

Disk

Computer studies; Secondary education

Aids teaching the operation of serial and parallel adders, with contents of registers and logic unit being displayed as the user single steps the addition process.

11+

Adding

See Adding and subtracting/pathfinder

Adding

See: Primaths4

Adding

See: Games, activities and investigations : volume 2.

Adding

See: Mathematics practice in the classroom

Adding and subtracting and pathfinder

Hatfield: Widgit Software

198-

BBC B; BBC B+; BBC Master; £6.96

Disk

Preschool education; Infant school education; Primary education; Special educational needs; Computer games; Mathematics

3 programs to introduce addition and subtraction of the building block type (Adding; Subtracting Ducks); and 4 games to practise spatial reasoning (Rabbit; Picnic; Frogs; Kangaroo)

4+

Adding Waves

Chepstow: AVP Computing
198-

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £19.50 BBC Master Compact; £21.70 Amiga; RM Nimbus; IBM PC and compatibles; £24.50 RM Nimbus network; (up to 16 machines) £45.00; (up to 48 machines) £65.00 Econet; £58.50

Disk

Physics; Secondary education; Sixth form education; Further education; General Certificate of Secondary Education; A Level Examinations

Covers harmonics and sound quality; interference; beats; three phase electrical supply; a.c. circuits with inductance and/or capacitance). Useful for many topics involving waveforms. Up to 10 waves may be added, with automatic scaling of the vertical axis, and the amplitude, frequency, phase of each may be controlled by the user. Option to vary plotting speed

Only specify 80t if you cannot use 40t disks

14-18+

Adding with dice

See : Touch basics

Addition and subtraction of fractions

Huntingdon: Cambridgeshire Software House
1989

BBC B; BBC B+; BBC Master 128; BBC Master Compact; £14.00 Site licence; £27.00

1 disk containing program and notes

Mathematics; Special educational needs; Primary education

Both programs, the addition of fractions and the subtraction of fractions, involve the exchange of a whole unit into fractions and the conversion to a common denominator. All these processes are shown graphically.

9+

Additional fun : numeracy 2

Hewitt, Iris

Wisbech, Cambridgeshire: esm

198-

Shiva numeracy and logic programme

BBC B; BBC B+; BBC Master 128; £18.50

Disk; Teacher's handbook

Mathematics; Puzzles; Problem solving; Primary education; Computer games

Deals with the concepts of addition, subtraction, and composition of numbers up to 10. Contained in Shiva Numeracy and Logic programme and in Shiva Numeracy programme

BBC 5.25" disk

5-11

Adept

See: Archon Collection

Adobe collector's edition 1

London: Letraset UK Ltd.

198-

Apple Macintosh; £110.00

Disk

Art; Design; Craft, design, technology; Computer graphics; Computer assisted design

A collection of graphic shapes, including borders, dingbats and letter fonts; compatible with Adobe Illustrator.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Adobe collector's edition 2

London: Letraset UK Ltd.

198-

Apple Macintosh; £165.00

Disk

Art; Design; Craft, design, technology; Computer graphics; Computer assisted design

A collection of patterns and textures; compatible with Adobe Illustrator.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Adobe illustrator '88

London: Letraset UK Ltd.

198-

Apple Macintosh; £412.50 (Upgrade Illustrator 1 to Illustrator 88 1.8.3 - £195.00; single site volume discounts - details from publishers)

Disk

Art; Design; Craft, design, technology; Computer assisted design; Computer graphics

A program to produce high quality graphics in PostScript format, combining control and fine detail of hand drawing with computer speed/precision. Features include ability to draw precise lines/curves; rotation; scaling, reflecting or shearing; freehand drawing and tracing over scanned images; blending tool for airbrush effects; full access to Pantone colour matching system. Graphics produced can be exported to most popular page layout applications.

Works on Macintosh Plus or SE, but Macintosh II recommended.

Adobe type library

London: Letraset UK Ltd.

198-

Apple Macintosh; details from publishers

Disk

Utilities

Libraries of standard font families for downloading to Post Script devices. Packs include number of styles in both screen and printer versions. Multiple device licences available. Publishing packs also available. A3 broadsheet with samples of fonts and style available.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

ADU

Glover, Alan

Ilford: Pineapple Software

1987

BBC B; BBC B+; BBC Master; BBC Master Compact; £29.00

ROM; instructions

Utilities

An ADFS Utility, replacing much of the

drudgery of using the ADFS; most programs from the ADFS utilities disk have been rewritten in Machine Code and included in ADU; also includes sophisticated MENU routine with many different sub-commands.

16K ROM; requires ADFS. Works with 6502 second or co-processor.

Advanced folio

Southampton: Tedimen Software

198-

Folio

BBC B; BBC B+; BBC Master; Master Compact; £25.00 Acorn Econet Level 2 (or higher); £125

Disk

Primary education; Secondary education; Sixth form education; Further education; Word processing; Language

A word processor including advanced character editor; fully variable text width; batch print facility. Requires Epson compatible printer.

Please specify whether DFS or ADFS; 40t or 80t disk; 3.5" or 5.25" disk. Network version can be used with any combination of Model B, B+, Master, Master Compact and ET fitted with NFS 3.40 or later.

8-16+

Advanced graphics package

Leamington Spa: SPA (Software Production Associates)

198-

RML 380Z; RML 480Z; £18.00 RML 480Z Network; £48.00

Disk; documentation

Computer graphics; Utilities;

Simple, but flexible commands. Colours, draws circles, saves disk space, includes specially designed proportional character set; moves, copies, magnifies areas of screen; includes utility for printing out pictures.

Available for BASIC, SBAS, INTBAS. Network users receive 4 copies of the documentation. Extra manuals £3.00.

Adventure

Leamington Spa: SPA (Software Production Associates)

1986

RML 380Z; RML 480Z; £15.00 RML 480Z Network £39.00

1 disk; 1 instruction sheet

English; Language; Simulation; Adventure simulation; Computer games; Primary education; Secondary education; Communication

A fantasy game with educational potential especially for the teaching of English. It aims to encourage precision with language, develop oral skills, encourage logical and lateral thinking, and co-operation and group discussion. Is also available with the Widget Quest in Twin adventure package.

7-16

Adventure of sorts

See: Technology and design : part 2

Adventure playground

Hatfield: Wigit Software

198-

BBC B; BBC B+; £7.83

2 disks

Reading skills; Puzzles; Problem solving;
Preschool education; Infant school education;
Primary education; Special educational needs;
Computer games

Contents: Crooked adventure (4 games based on the rhyme "There was a crooked man": will run on BBC B only); Queen of hearts (children have to collect items to overcome obstacles as they travel through various locations to find the Queen's lost tarts; requires some reading ability).

4+

Adventure story

See: MAPE tape 4

Adventures

Straker, Anita

London: ILECC (Inner London Educational Computing Centre)

RM Nimbus; RM Nimbus network; £10.00

1 disk; 1 handbook

Mathematics; Puzzles; Infant school education;
Primary education; Adventure simulation;
Content free programs; Cross curriculum

This pack contains two adventure games: The lost frog; Merlin's castle and three programs for children to make, edit, and play their own adventures. The two programs are similar, 'The lost frog' is simpler and can be used as an introduction to 'Merlin's castle'

Concept keyboard can be used

5-11

Adventurous English

Swansea: HS Software

1986

Electron; BBC B; BBC B+; BBC Master 128;
(cassette); £5.95 BBC B; BBC B+: BBC Master
128; BBC Master Compact; Acorn Archimedes;
£7.95

Disk;

Language; Infant school education; Primary
education; Computer games; Computer graphics

An educational computer game encouraging understanding of prepositions (on, under, behind, etc.) and development of problem solving skills, as players help "Ben" discover treasures and overcome hazards on his dangerous journey.

Electron cassette; BBC cassette; BBC 40 or 80t
disk; Master Compact 3.5" disk; Archimedes 3.5"
disk

5-12

Aero

See: Secondary maths 3

AgiliWRITING and AgiliTYPING

Gresham, Anne

Barnet: Glentop Press Ltd

198-

Amstrad PCW; IBM PC and compatibles;
Details from publishers

Software; Book

Business education; Word processing; Secondary
education; Further education; Adult education;
Computer studies

Software provides automatic transcription into full English from the phonetic-based shorthand form Agiliwriting. Includes its own spellchecker. Book explains structure of the shorthand form, and provides a tutorial.

16+

Agricultural commodity price stabilisation

Wood, Keith; Killbery, Ian; Yates, Ian; et al.

Harlow: Longman Micro Software

1987

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; Acorn
Archimedes; £19.50

1 disk; 1 teachers' guide; students' leaflets

Economics; Secondary education; Sixth form
education; Sociology; Simulation

0582265428

A two-part simulation comparing/contrasting two price support and stabilisation schemes for farm and other primary commodities: The EEC Common Agricultural Policy and its market intervention; the former UK system of guaranteed prices and deficiency payments. Contained in Super value pack

BBC 40t, 5.25"; Archimedes compatible 3.5"
disk

16-19

Air traffic control

See: Travel agent / Air traffic control

Airborne

Leamington Spa: SPA (Software Production Associates)

198-

RML 380Z; RML 480Z; £14.00 RML 480Z
Network; £48.00

Disk; Manual; Worksheet master

Computer studies; Physics; Geography;
Adventure simulation; Computer games;
Primary education; Secondary education

Night-flying simulation, with realistic instrument panel, radio navigation equipment, choice of take-off and landing airports, direction and strength of cross winds. Develops skills in map reading, compass bearings, scales etc.

RML 380Z requires 56K and HRG.

9-16

Aircraft

Norwich: ITV Schools

1988

Key datafile

BBC B; BBC B+; BBC Master 128; £8.50 RM
Nimbus; £9.75 Acorn Archimedes; details to be
announced

Disk

Primary education; Secondary education;
Information handling

Datafiles for use with Key. Gives details on civilian and military aircraft and helicopters that can be seen flying in Britain today. Has many applications, from simple details for a project through to examination of power / weight ratios in aircraft

BBC, 5.25" DFS; Converts for Key 128 or Key Econet

8-18+

Airfares

Randall, Ken; Golby, David; Richards, Alan

London: Pitman Publishing

1988

BBC B; BBC B+; BBC Master; RM Nimbus;
£30.00

1 disk; 1 briefing sheet; 1 tutor's guide; 1
program notes; information sheets

Economics; Business education; Industry;
Secondary education; Sixth form education;
Further education; Simulation; Adult education
0273029355 (RM Nimbus); 0273028995 (BBC
machines)

This is a business game which is based on competing teams of airline operators on the London - New York route. Each team has to make decisions on services, fares, number of planes and advertising over a period of time
11-Adult

Airline international

Scetlander

Glasgow: Scetlander

IBM PC (5.25" disk); £34.95 IBM PC (3.5" disk)
£34.95

Disk

Geography; Business education; Computer
studies; Information handling; Secondary
education; Sixth form education; Further
education; Simulation

1855720175 (5.25") 1855720183 (3.5")

Highly realistic simulation of commercial airline reservation system; can be customised easily to suit overseas countries. Useful as part of geography/modern studies fact finding project.

IBM PC 3.5" or 5.25" disk. Stand alone format only

12-18+

Airline reservation

SMDP (Scottish Microelectronics Development Programme)

Glasgow: Scetlander

Creative software for education

BBC B; BBC B+; BBC Master 128; £15.00
Acorn Archimedes; RM Nimbus; £15.00 Econet
(level II or III); £27.50

1 disk; Pupils' notes; Teachers' notes

Business education; Secondary education; Sixth
form education; Further education; Simulation;
Databases; Information handling

1855720663 (BBC) 1855720671 (Acorn)
185572068X (RM Nimbus) 1855720698
(Econet)

Demonstrates the computer as a tool for storing and accessing changing information by simulating its use as an airline information and booking service

BBC, Econet 5.25" disk; Acorn Archimedes, RM
Nimbus 3.5" disk

10-18+

Airline reservations

Hennesey, Kathleen; Murphy, Paul

Harlow: Longman Micro Software

198-

Computer applications project

BBC B; BBC B+; BBC Master 128; £19.50

Disk; students book; teacher's guide; student worksheets

Computer studies; Business education; Secondary education; General Certificate of Secondary Education; Simulation

An interactive simulation of a commercial computer application, in which the student becomes a travel clerk using the seat reservation system of one of the world's largest airlines

BBC 40t, 5.25" DFS disk

14-16

Airline UK

Scetlander

Glasgow: Scetlander

IBM PC (5.25" disk); £24.95 IBM PC (3.5" disk); £24.95

Disk

Business education; Information handling; Secondary education; Sixth form education; Further education; Simulation; Databases; Computer graphics

1855720159 (5.25") 1855720167 (3.5")

A highly realistic simulation of a commercial airline reservation system, including large easy to use database.

IBM PC 3.5" or 5.25" disk. Runs also on Amstrad 1512/1640. Stand alone format only

12-18+

Alan Nixon's keyboard input programs

Nixon, Alan

Oldham: NCET/MESU, North West SEMERC

198-

Blue file

BBC B; £2.50

40t; 1 disk; 1 sheet of notes; 1 A4 concept keyboard overlay; 1 A3 concept keyboard overlay

Special educational needs; Primary education

11 programs for use in the area of special needs and early learning. (Reading age 5-6 years).

Freely copiable for educational use in the UK.

Contents: Findit; Snap; Gold!; Odd one; Mazes; Mazer; M/Mazer; Stars; M/Stars; Palace1; Palace2

Alarmco : the business simulation game

Leamington Spa: SPA (Software Production Associates)

198-

BBC B; BBC B+; BBC Master; RML 480Z; £16.00 RML 480Z Network £42.00 IBM PC; RM Nimbus; £19.00 RM Nimbus Network; IBM PC Site; £45.00

Business education; Economics; Mathematics; Secondary education; Simulation; Computer games

Pupils work in small groups, each in charge of a small business which they run for 10 simulated weeks. Appropriate for students of all abilities, different levels of complexity can be set e.g. by varying the number of workers, overheads, amount spent on advertising, etc.

IBM machines require either CGA; EGA or VGA graphics

11-16

Albert's house

HUMMEC

Doncaster: RESOURCE

198-

BBC B; BBC Master 128; BBC Master Compact; Apple Macintosh; £22.50

Disk; documentation; worksheets

Language; English (second language); Puzzles; Problem solving; Infant school education; Primary education; Adventure simulation

Contents: Explore the house (non-textual tour of Albert's environment, with children moving from room to room as 9 locations are linked and presented on screen); Search the house (introduces text, concentrates on detail within each location); Hide and squeak (children search for Albert using a "mouse meter"); Save the mouse (a problem solving task). LEA/Regional licences and bulk purchase discount available

BBC B/Master 5.25" 40t DFS; Master 128 5.25" ADFS; Compact 3.5" ADFS. 80t DFS available - £1.50 surcharge per disk

6-11

Alchemy

See: Teaching with a micro : maths 5

Alchemy : version 2.0

London: MCMXCIX

198-

Apple Macintosh; £595.00 (25% education discounts available)

Disk

Music

A sample editing and design program, with a sophisticated visual waveform editor with stereo waveform display and zoom feature for editing at different resolutions. Allows stereo sounds to be created and edited, or transferred for stereo playback on some mono machines. Features include ability to analyse and change the harmonic content of a sampled waveform; time scaling and pitch shifting; SCSI data transfer support; and compatibility with Audio IFF; Dyaxis; Sound Designer; SoundLab and Apple SND Resource files.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Aldus freehand 2.0

Edinburgh: Aldus (UK) Ltd

198-

Apple Macintosh; £450.00 (educational discount available - details from authorised dealers)

Disk

Art; Computer graphics; Computer assisted design; Design; Craft, design, technology

A comprehensive drawing program for producing high quality graphics in PostScript format. Combines wide range of drawing tools with advanced text-handling facilities; colour support for the Macintosh II; special effects. Facilities include skew; rotation; scaling; reflection and cloning of any shape or drawing; ability to bend text along any path/around any shape; kerning; stretching and compressing; colour controls.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Aldus PageMaker : version 3.0

Edinburgh: Aldus (UK) Ltd

198-

Apple Macintosh; £325.00

Disk

Desktop publishing; Secondary education; Adult education

Features include an intuitive user-interface; automatic dictionary-based hyphenation and justification; automatic/manual kerning; adjustable leading, letter and word spacing; wide range of type styles/sizes; support for downloadable PostScript fonts; several page enlargements; ability to display/work on 2 facing pages at a time on a suitable A3 monitor. MS DOS version available, running under Microsoft Windows environment, compatible with Macintosh version. Latest revision (3.01) addresses incompatibility problems experienced with PICT images produced by AppleScan software for the Apple Scanner.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Aldus PageMaker : version 3.0 for OS/2 presentation manager

Edinburgh: Aldus Europe Ltd

198-

IBM PS/2 Model 70/80; other 80386-based computer;

Disk

Desktop publishing; Secondary education; Adult education

Powerful desktop publishing software, integrating text and graphics to allow users to design and edit own high-quality printed materials in-house. Takes full advantage of OS/2 power and flexibility, with advances over the MS DOS version.

IBM PS/2 Model 70, Model 80 or other 80386 based computer; 40 MB hard drive; 4-6MB extended memory; EGA, VGA or high resolution colour monitor and adapter card; OS/2 compatible pointing device (mouse); PostScript language or Printer Command Language (PCL) printer recommended.

Aldus PageMaker : version 3.0 for the PC

Edinburgh: Aldus Europe Ltd

198-

IBM PS/2; PC AT; other windows-compatible computers; £695.00

Disk;

Desktop publishing; Secondary education; Adult education

Desktop publishing software integrating text and graphics, allowing PC users to design, edit and produce high-quality printed communications within an office setting. Features include automatic text flow; user-defined style sheets; 20 complete page templates; support for spot colour; automatic text wrap round rectangular graphics; custom text wrap for irregularly shaped graphics; image controls for brightness, contrast, and special effects.

Requires 640K RAM; a 20MB hard disk; a windows 2.0-, Windows 286- or Windows/386 compatible graphics board and monitor; a mouse or other Windows-supported pointing device. Requires MS DOS 3.1 or higher; version 2 of Microsoft Windows.

Aldus PageMaker : version 3.5 for the Apple Macintosh

Edinburgh: Aldus Europe Ltd
198-

Apple Macintosh Plus; SE and II families;
£545.00

Disk;

Desktop publishing; Secondary education; Adult education

Desktop publishing software integrating text and graphics for the designing, editing and production of high-quality printed publications. Features include pantone colour support; support for colour PostScript-language printers; display of TIFF images in full resolution and colour; enhanced text editing performance; half-point increments for type specification; print process-colour separations; over 40 business templates; Word 4.0; WordPerfect 1.0; Works 2.0; Smart ASCII import and XyWrite III Plus import/export

Requires hard disk; at least 1 MB RAM; system version 4.1 and Finder version 5.5 or higher.

Aldus PageMaker college

Edinburgh: Aldus (UK) Ltd
198-

Apple Macintosh; £175.00 (up to 10 copies);
£9.95 extra workbook

Disk; instructor manual; VHS video tape;
student workbook

Desktop publishing

A training pack introduction to PageMaker: allows up to 10 copies of special version of PageMaker, with full functions but with an Aldus PageMaker footnote to every page printed.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Aldus PageMaker studio

Edinburgh: Aldus (UK) Ltd
198-

Apple Macintosh; £99.50 PC compatible; c.
£100.00

Disk; documentation

Desktop publishing; Secondary education; Adult education

A selection of business documentation templates, designed by some of the leading European graphic design studios.

Apple version works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Aldus persuasion : version 2.0

Edinburgh: Aldus (UK) Ltd
198-

Apple Macintosh; £450.00 (£45.00 upgrade from Persuasion : version 1.0)

Disk

Computer graphics; Desktop publishing; Art; Design; Authoring aids

A complete desktop presentations toolkit for outlining, word processing, drawing, charting and formatting presentations. Can produce output for black and white or colour overheads and 35 mm slides, speaker notes and audience handouts. Includes total of 36 auto template designs which may be combined or changed according to requirements. Enhanced drawing tools include ability to edit polygons and view

work at 400 per cent actual size; ability to type speaker notes/scripts directly into the outline; automatic numbering of speaker notes, overheads and slides; support for colour PostScript printers; slide show mode with 15 wipe and dissolve effects.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Aldus persuasion : version 1.0 for the Apple Macintosh

Edinburgh: Aldus Europe Ltd
198-

Apple Macintosh Plus; SE; II; £450.00

Disk;

Desktop publishing

Desktop presentation software which streamlines the production of presentation outlines, finished overheads, 35mm slides, speaker notes etc. User selects an autotemplate, types ideas into outline; program formats text into professionally designed visuals. Includes word processing, illustration and charting tools.

Hard disk drive; 1 800K drive

Alexander Pope : Rape of the Lock and Epistle to Arbuthnot

Smith, M. (ed.); Ferguson, R. (ed.)

Bangor: Akadimias

198-

Tutor series : English Literature - set texts

BBC B; BBC Master 128; Econet levels 2 & 3; Acorn; RM Nimbus PC 186; RM Nimbus AX series; Nimbus network; Amstrad 6128 & PCW; IBM PC compatible; £25.00 (includes site licence for up to 10 terminals)

Disk; study booklet; reading list

English literature; Secondary education; Sixth form education; Further education; A level examinations

A program to test student knowledge with questions in a multiple choice format, in either a random or sequential order, and with various user selectable time-bases against which the test may be taken. Facilities for revision; sequential, random test modes; with four time based skill levels in each test mode. Discounts available: details from publisher

BBC 40 or 80t disk (please specify). Acorn DFS & ADFS; RM Nimbus 3.5" disk; Amstrad disk; IBM PC 5.25" or 3.5" disk (please specify).

11-16+

Alien attack

See: Switch games disk 1

Aliens

See : Set of 13 reading and spelling programs.

Aliphatic reactions

See: Organic chemistry. 1: Aliphatic reactions

AlisaTalk

Surbiton: JPY Associates Ltd.

198-

Apple Macintosh; £3,800.00 - £17,900.00 depending on Vax host (10% education discounts available directly from supplier)

Disk

Communication; Utilities

A series of Apple-Talk based servers and utilities for VAX/VMS users. Basic system includes AppleTalk network support for the Vax; a full AFP-compatible AppleShare file server; a LaserWriter print spooler and a Vax printing utility for printing Vax documents on the Apple LaserWriter. Allows Macintosh systems to log in remotely to any Vax/DECnet "CTERM" remote terminal facility. Alisa ADP available as optional extra, allowing Macintosh users to access Digital PostScript devices over a LocalTalk network.

Requires AppleShare fileserver software; hard disk drive; Kinetics FastPath.

All about me

Nepcug group

Newcastle Upon Tyne: Northern Micromedia
1986

BBC B; BBC Master; £10.00 BBC Master Compact; RM Nimbus (BBC Basic); Acorn Archimedes; A3000; £12.00

Disk; blank sheets; 1 documentation booklet

Personal and social education; Preschool education; Infant school education; Primary education; Special educational needs

Designed to complement projects about "Myself". Takes pupils through some introductory questions of who they are, their hairstyle, what they like to wear, before printing a booklet for them to keep

4+

Alloa 3D physical landscape

Glasgow: CDG (Scotland) Ltd.

198-

3D physical landscapes

BBC B; BBC B+; BBC Master 128; £15.50 Acorn Archimedes; IBM PC; RM Nimbus; £21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

Geography; Databases; Secondary education

Designed to take advantage of the potential of the Three Dimensional suite. Deals with aspect of land use, relief, roads, rocks, soils and slopes. Structured modular work units accommodate all ability levels; integrate computer procedures and assist in the acquisition of knowledge and understanding, developing enquiry, evaluation and analysis skills, etc. Optional Epson compatible screen dump (BBC/Nimbus only) available - £7.50 (BBC); £13.50 (Nimbus). Discounts available for purchase of any two or more datapacks - details from publishers.

Please state format required: BBC 40 or 80t disk IBM PC (EGA/ECD only)

12-16

Allwrite

ILECC (Inner London Educational Computing Centre)

RM Nimbus; RM Nimbus network; £50.00 (first language); £30.00 (subsequent languages)

1 disk; 1 handbook

Cross curriculum; Languages; Modern languages; Primary education; Secondary education; Further education; Special educational needs

Allwrite is a new word processing program developed originally to support community language work in schools but it has also found a wider use as a primary school word processor and in special education. It is able to handle a

wide variety of languages and each disk provides word processing in English and one other language. Both fonts are available on screen at all times. Languages include: Arabic; Farsi; Hindi; Tamil; Vietnamese; Welsh; English (five fonts); Portuguese; Bengali; Greek; Gujarati; Panjabi, Turkish, French, German, Italian, Russian, Spanish

Mouse or keyboard can be used

7-16+

Alpha

London: ILECC (Inner London Educational Computing Centre)

1987

RML 380Z; RML 480Z; RML network; £8.00

1 disk; 1 handbook

English; Creative writing; Infant school education; Primary education; Special educational needs

The program turns the computer into a typewriter that holds one or two lines in memory before printing them. The user types a line or sentence and then decides if it is ready for printing

5-11

Alpha

See: Fun with words

Alpha base

Northwich: Clares Micro Supplies

198-

Acorn Archimedes; £49.95

Disk; manual

Databases; Secondary education; Further education

An easy to use database, which will hold over 50,000 records in a search list or index with a 4Mb machine. Features include WIMP based using icons and mouse; free format; 400 fields and 27600 characters per record; 2.14 billion records per file; facility to set input limits on each field; fast search, sort routine; indexing of field or part field; sort on words within a field; five data types; optional password security; comprehensive print options

3.5" disk; Winchester compatible. Mouse compatible

12-16+

Alpha particle scattering

See: Physics Software pack 1

Alphabet gallery

Reddy, Jim; Waite, Martin; Asquith, Neil; et al. Doncaster: RESOURCE

1986

BBC B; BBC Master 128; £10.95

1 disk; 1 documentation booklet

English; Language; Special educational needs; Primary education; Computer games

Aims to help the user improve character recognition and alphabetical ordering skills. LEA/Regional licences and bulk purchase discount available

5.25" 40t DFS; 80t DFS available - £1.50 surcharge per disk

16+

AlphaCalc

Richmond: Peter Bishop Associates

1987

RML 380Z; RML 480Z; RML 480Z network; RM Nimbus; RM Nimbus network; £39.00

1 disk; user guide

Mathematics; Statistics; Sciences; Business education; Computer studies; General Certificate of Secondary Education; Cross curriculum; Spreadsheets

A spreadsheet program designed for first time users. It can be used to analyse sales, income and expenditure, produce invoices and introduce students to the power and flexibility of computer applications.

RML 380Z/480Z requires 56K memory, Cos 4.0, CP/M 2.2, high resolution graphics and double density disk drives; the RM Nimbus PC, AX or VX with at least 256K memory and one disk drive

14-Adult

AlphaCalc activity pack

Richmond: Peter Bishop Associates

198-

RML 380Z; RML 480Z; RM Nimbus; £20.00 (single user licence); additional disk; £6.00; additional user guide; £5.00

1 disk; user guide

Mathematics; Statistics; Computer studies; Business education; Sciences; General Certificate of secondary education; Further education; Spreadsheets

This pack extends the use of AlphaCalc by providing an additional set of fifteen spreadsheets accompanied by detailed worksheets.

RML 380Z/480Z requires 56K memory, Cos 4.0, CP/M 2.2, high resolution graphics and double density disk drive; RM Nimbus requires at least 256K memory

14-Adult

Alphafoil

See: WSS physics pack 2

AlphaPlot

Bishop, Peter; Siviter, Douglas

Richmond: Peter Bishop Associates

1987

RML 380Z; RML 480Z; RML 480Z network; RM Nimbus; RM Nimbus network; £29.00 (single user licence); additional disks £6.00; additional user guides; £5.00

1 disk; user guide

Mathematics; Statistics; Business education; Sciences; Secondary education; Further education; Data processing; Spreadsheets; Computer graphics; Cross curriculum

AlphaPlot is designed to display information from spreadsheets and statistical tables in a variety of graphical forms. This can be taken from other PBA software such as AlphaStat, AlphaCalc and AlphaCalc activity pack. (The RM 380/480Z version reads data from AlphaCalc only).

RM 380/480Z requires at least 56K memory, Cos 4.0, CP/M 2.2, high resolution graphics and double density disk drives. The RM Nimbus version requires at least 512K memory and one disk drive

14-Adult

AlphaPop : version 1.2

Brighton: Cognitive Applications

198-

Apple Macintosh; £400.00 (Free upgrades available for one year after purchase)

Disk; Language guide; Alphabetic reference manual

Computer programming; Programming languages

An implementation of the POP-II programming language, flexible in handling data. MultiFinder compatible. Includes complete interface to Macintosh Toolbox.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

AlphaStat

Richmond: Peter Bishop Associates

198-

RML 380Z; RML 480Z; RML 480Z network; RM Nimbus; RM Nimbus network; £49.00

1 disk; user guide

Statistics; Mathematics; Sciences; Geography; Economics; Secondary education; General Certificate of Secondary Education; Cross curriculum; Databases; Computer graphics

A statistical package which operates on tables of numbers and also has arithmetic and graphics facilities

RML 380Z; RML 480Z requires at least 56K memory, Cos 4.0, CP/M 2.2, high resolution graphics and double density disk drive; RM Nimbus requires PC, AX or VX with at least 256K memory and one disk drive

14-Adult

Amazing galactic odyssey

Llanelli: Angelsoft Educational

198-

BBC B; BBC B+; BBC Master 128; £18.90 BBC Master Compact; £21.40

2 disks; 2 teacher guides; case study; pupil resource pack

Cross curriculum; Computer graphics; Puzzles; Problem solving

Contents: The amazing odyssey; The second odyssey. Two adventures set in the 24th century, in which pupils take on the role of commanding a starship with the mission of exploring the galaxy and finding planets suitable for human habitation. Includes two Welsh language translations.

9+

Amazing odyssey

See Amazing galactic odyssey

Ambulance

See: Basic package

American Civil War : on the brink : 1860

Glasgow: CDG (Scotland) Ltd.

198-

BBC B; BBC B+; BBC Master 128; £15.50 Acorn Archimedes; IBM PC; RM Nimbus; £21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

History; Databases; Secondary education; Sixth form education

1853950599

A set of data on the social and economic features of each state which contributed to the stress between North and South. Data covers population; agriculture; finance; industry; newspapers; wealth and transport. Structured modular work units accommodate all ability levels; integrate computer procedures and assist in the acquisition of knowledge and understanding, developing enquiry, evaluation and analysis skills, etc. Optional Epson compatible screen dump (BBC/Nimbus only) available - £7.50 (BBC); £13.50 (Nimbus). Discounts available for purchase of any two or more datapacks - details from publishers.

Please state format required: BBC 40 or 80t disk; IBM PC (EGA/ECD only)

14-18

American west

Walden, Philip; Blow, Frances; Watson, Deryn; et al.

Harlow: Longman Micro Software

1986 (BBC)

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; Acorn Archimedes; £19.50 RM Nimbus/Network; £30.00

1 disk; 1 teachers' guide; students' leaflets

History; Secondary education; Simulation

0582268737

A game to help students understand the interaction of factors shaping town growth in the American West 1860-1900 as they construct their own model and explore a case study of Oklahoma.

BBC 40t, 5.25" DFS; Nimbus/Network; 3.5"; Archimedes compatible 3.5" disk

13-16

Ampere

See: WSS physics pack 2

Amstrad selection

Gravesend: Fernleaf Educational Software Ltd 198-

Software selections

Amstrad CPC 464/664/6128; £25.95

Disk; documentation

Puzzles; Problem solving; Primary education; Secondary education; Computer games

Contents: Fletcher's Castle; Market stall; Perfume hunter; Raiders; Ferry captain; Treasure; Thorn sea plus bonus program. Programs available individually on disk or cassette £14.95

Please state make/model of computer; network system; disk size and printer

7-12+

Anagram

Jones, T

Glasgow: Scetlander

Adult numeracy/literacy

BBC B; BBC B+; BBC Master 128; £12.50

Disk

Language; Spelling; Further education; Adult education; Special educational needs

1855720779

Improves basic adult literacy skills by challenging the student to identify a scrambled word by re-arranging the letters. Incorporates features for switch users.

BBC 5.25" disk

18+

Analog behavioral modeling

Camberley: ARS Microsystems Ltd.

198-

PSpice

Apple Macintosh; £350.00 (20% education discounts available)

Disk

Computer assisted design; Design; Craft, design, technology; Engineering; Electronics; Simulation

An optional extra for use with PSpice.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Analog connection workbench 3.0

Leitchworth: Adept Scientific Micro Systems Ltd.

198-

Apple Macintosh; £795.00

Disk

Sciences; Information handling; Data processing; Control technology

A data acquisition and control program, allowing user to program, measure and control temperature, pressure, flow and other analogue and digital inputs and outputs. Allows thermocouples and RTDs for temperature measurement to be selected with a single click. Other features include extensive calculations, e.g. arithmetic, trigonometric, linear and nonlinear scaling of inputs; real time data graphing; user programmable functions; IEEE 488 hardware support; fast mode for acquiring data at full hardware speed.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Analyse your diet

Aidley, D.J.

Plymouth: Garland Computing

1987

BBC B; BBC B+; BBC Master 128; £20.85 RM Nimbus; Acorn Archimedes; £23.00 IBM PC compatibles; £25.00 Nimbus network; £40.65 Econet; £38.50

Disk

Biology; Home economics; Secondary education; Sixth form education; Databases

Programs for calculating the major and minor nutrients present in foods; using data taken from MAFF Manual of Nutrition (1985), plus sugar, salt and fibre content. Facility to enter new foods; modify existing composition data if required. Suitable for analysis of daily diets, average diets over a period, analysis of recipes or meals. Site licences, multiple copy discounts available; details from publisher

BBC 40 or 80t (please specify). RM Nimbus versions supplied with BBC-BASIC. PC versions specify 5.25 or 3.5 inch disk

8-16+

Analysis

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £19.50 BBC Master Compact; £21.70 RM Nimbus; IBM PC and compatibles; £24.50 RM Nimbus network; (up to 16 machines) £45.00; (up to 48 machines) £65.00

Disk

Chemistry; Secondary education; General Certificate of Secondary Education

Contents: Basic analysis (a race against time to identify a random selection of 5 compounds); Advanced analysis (analysis from changes seen in test-tube s); Element identification (using a series of clues to identify unknown elements)

Only specify 80t if you cannot use 40t disks

13-16

Analysis of data from burial registers

Harlow: Longman Micro Software

198-

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; Acorn Archimedes; £19.50 RM Nimbus/Network; £30.00

Disk

History; Statistics; Information handling

Analyses information in a burial register: can introduce statistical methods of data handling; demonstrate the meaning of "average" and the importance of distribution tables. Option for entering own data.

BBC 40t, 5.25" DFS disk; Archimedes compatible 3.5" disk; Nimbus/Network 3.5" disk

Anatomy of a Tudor warship 1510-1988 : the Mary Rose

Whittington, Ian

Huntingdon: Cambridgeshire Software House

1988

BBC B; BBC B+; BBC Master 128; BBC Master Compact; RM Nimbus; £28.00 Acorn Archimedes; £35.00 Econet; RM Nimbus Network; £49.00

1 disk; 2 information books; 35 mm colour slide poster

History; Archaeology; Simulation

An exciting graphics driven simulation package which involves children in discovering many of the artefacts found on the Mary Rose for themselves. The program creates an environment in which Tudor or maritime history can be studied.

The Acorn Archimedes version is mouse driven

8-16

Ancestry

Exeter: Minerva Software

198-

Acorn Archimedes; £79.95

Disk

History; Databases

A comprehensive genealogy package; fully definable records for different types of relationships; zoom in facility; facility to include pictures on records. Produces ancestors and user defined reports. Demonstration file holds

an illustrated Royal Family tree. Site licences available.

RICS-OS compatible

Ancient battles

Smith, R. T.

London: Cases Computer Simulations Ltd
1988

Spectrum 48/128K; Amstrad; Amstrad disk;
£14.95 PC compatible; £24.95 Atari S T; Amiga;
£19.95

Disk or cassette

History; Secondary education; Simulation;
Computer games; Puzzles; Problem solving

Re-creates pitched battles in the world of antiquity, as the user/s command the armies of Caesar, Alexander the Great, Hannibal and Attila the Hun. Includes scenarios; facility for user to design own armies, selecting forces from the 24 different nations available. Includes computer control of subordinate generals, hidden movement, automatic deployment, variable sized battles and map designer. For 1 or 2 players.

11-Adult

Angle duel and Vector duel

Carrol, C.; Carrol, E.

Houghton-on-the-Hill, Leicester: MUSE
(Microcomputer Users in Education)

1984

BBC B; £5.50

Disk

Mathematics; Geometry; Secondary education;
Computer games

A pair of games for practising the 3-figure bearings, estimating angles and ranges, by firing lasers (angles) or torpedoes (vectors). Contents: Angle duel; Vector duel

14+

Angles

See: Games, activities and investigations :
volume 2.

Angles

See: Mathematics practice in the classroom

Angles and trigonometry

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; Electron
(BBC DFS); £19.50 BBC Master Compact;
£21.70 Acorn Archimedes; RM Nimbus; Amiga;
£24.50 RM Nimbus network; (up to 16
machines) £45.00; (up to 48 machines) £65.00

Disk

Geometry; Mathematics; Physics; Secondary
education

Covers important facts and principles of trigonometry, through the use of moving diagrams and graphs to aid student's understanding of the concepts. Models respond to user's input, thus allowing learner to test own understanding

Only specify 80t if you cannot use 40t disks

14-16

Angles in action

Colwell, G.

Houghton-on-the-Hill, Leicester: MUSE
(Microcomputer Users in Education)

1985

BBC B; £5.00

Disk

Mathematics; Geometry; Primary education;
Secondary education; Computer graphics

Uses interactive graphics in order to help children understand the relationship between the dynamic aspects of angles and their static representation.

9-13

Anglezap

Leamington Spa: GEM Software

198-

BBC 32k; Acorn Electron (cassette); £7.50 BBC
32K (disk); £10.50

Cassette or disk; documentation

Mathematics; Geometry; Primary education;
Secondary education; Computer games

A game providing students with an enjoyable way of getting to grips with the concept of angle, as they provide bearings for an "invader" target. Develops a feel for angle as a measure of turn. Timed and untimed levels of difficulty, plus a higher level of difficulty for those already competent with angles.

Please specify whether 40t or 80t disk required.

9-15

Animal jinks

Collins, Stuart

Radcliffe-on-Trent: Somasoft Educational
Software

1986/1989

Acorn Archimedes; BBC B; BBC B+; BBC
Master; BBC Master Compact; RM Nimbus;
£10.00

40t/80t/3.5"; booklet; colouring poster

Mathematics; Infant school education; Primary
education; Word-games

Five simple programs featuring assistant animals. Topics covered include number line, addition, subtraction, missing number, letter ordering, vowels, number guessing game

BBC 5.25" disks : Specify 40t or 80t. No printer
needed. Colour monitor preferable

5-7

Animal logic

See Evolve

Animal pack

Mann, Terry

Manchester: NCET NSNSU (Special Needs
Software Centre)

1987

BBC B; BBC B+; BBC Master; 40t; version 1.2;
£7.50

2 disks; 1 documentation booklet; 8 worksheets;
15 concept keyboard overlays; 1 copy Haringey
newsletter: Computers and special needs 5.

Special educational needs; Biology; Sciences

1 extra copy of this pack is held in: "Blue file
software. Vol. 1". (BBC B; 40t). (This version

may be obtained from Northwest SEMERC). A set of computer-based resources designed for pupils with learning difficulties who are studying the topic 'classification of animals' in mainstream science. The animal pack uses adapted versions of the following MESU Blue File programs: Prompt3; Touch explorer; Animal; Tray2; List explorer; Lists. Copy 2 lack: worksheets and concept keyboard overlays. Copyright free for educational use in the UK.

Animal patterns

Pettit, Gwyneth

Otley: Academic Software

1990

BBC B; BBC B+; BBC Master; details from
publishers Acorn Archimedes, £24.00 (educ) or
site/LEA license

Disk; booklet

Craft, design, technology; Design

A creative textile package

Archimedes 3.5" disk

11+

Animal physiology pack

Harlow: Longman/Logotron

198-

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; Acorn
Archimedes; £44.00 BBC Econet; SJ file server;
AMCOM E-Net; £66.00 RM Nimbus/Network;
£66.00

Disk

Biology; Secondary education; Sixth form
education; Further education

Contents: Blood sugar (a model illustrating the principles of homeostasis); Countercurrent systems (models of heat exchanger, countercurrent multiplier); Diet analysis (breakdown of calorie, protein, fat, carbohydrate, vitamin and mineral content of meals); Human energy expenditure (energy use and gain).

BBC 40t, 5.25" DFS disk; BBC 80t, 5.25" disk;
Archimedes compatible 3.5" disk; Nimbus/
Network 3.5" disk

13-19

Animal rescue

Hosler, Simon

Sherston: Sherston Software

1986

BBC B; BBC B+; BBC Master 128; BBC Master
Compact; RM Nimbus; (single pack) £21.00
BBC B; BBC B+; BBC Master 128; BBC Master
Compact; RM Nimbus; (small lab pack) £42.00
BBC B; BBC B+; BBC Master 128; BBC Master
Compact; RM Nimbus; (large lab pack) £63.00

Single pack: 2 disks; teacher's book; children's
book; flash cards; problems disk; Concept
keyboard overlays; national curriculum
flowchart. Small lab pack: 1 copy of full pack
plus 5 extra copies of disks. Large lab pack: 2
copies of full pack plus 10 extra copies of disks

Mathematics; Language; Puzzles; Problem
solving; Infant school education; Primary
education; Computer graphics

An adventure program in which children solve
simple mathematical puzzles (at any of four
levels of difficulty) as they try to save a missing
animal.

BBC 40t 5.25" DFS; BBC 80t 5.25" DFS; BBC
Compact 3.5" ADFS disk. 3.5" DFS and 5.25"
ADFS disks also available. Concept keyboard
version upgrade with A3 and A4 colour overlays

available at £3.00 per disk. All versions now sold are compatible with the Concept keyboard.

5-7

Animal, vegetable, mineral

Romsey: Bourne Educational Software Ltd
1983

BBC B Cassette; £9.95; Amstrad CPC 464 Cassette; £9.95; Amstrad CPC 6128 3" disk; Amstrad PCW 3" disk; £14.95; BBC B (disk); £14.95

1 cassette/disk; 1 booklet

Puzzles; Problem solving; Computer games; Primary education;

The child thinks of an object, which the program tries to guess by asking questions about it. Encourages children to use reference books/find out differences between objects as they 'teach' the computer. Information can be held on up to 100 objects; full editing facility allows easy changes

BBC 5.25" disk; 40/80t. BES Monitor facilities.
7+

Animals

See: Reading aid 3

Animals

See: Multiple switch programs

Animals

See: Infants' suite

Animated alphabet

Hosler, Simon; Bonham, Bill; Bonham, Lou
Sherston: Sherston Software
1987

BBC B; BBC B+; BBC Master 128; BBC Master Compact; RM Nimbus; Acorn Archimedes; (single pack) £17.50 BBC B; BBC B+; BBC Master 128; BBC Master Compact; RM Nimbus; Acorn Archimedes; (small lab pack) £35.00 BBC B; BBC B+; BBC Master 128; BBC Master Compact; RM Nimbus; Acorn Archimedes; (large lab pack) £52.50

1 disk; 1 teacher's manual; concept keyboard overlays (A3,A4); Key suckers

Language; English; Reading skills; Computer graphics; Preschool education; Infant school education; Special educational needs; Primary education

The alphabet comes to life in 26 animated illustrations in this program

The package is fully compatible with the concept keyboard. 3.5" DFS and 5.25" ADFS disks also available

3-5

Animated numbers

Hosler, Simon

Sherston, Malmesbury: Sherston Software
1990

BBC B; BBC B+; BBC Master 128; BBC Master Compact; (single pack) £15.00 BBC B; BBC B+; BBC Master 128; BBC Master Compact; (small lab pack) £30.00 BBC B; BBC B+; BBC Master 128; BBC Master Compact; (large lab pack) £45.00

Single pack: disk; pupil book; teacher book; A4, A3 concept overlays Small lab pack: 1 copy full pack, 5 extra copies of disk Large lab pack: 2 copies full pack, 10 extra copies of disk

Mathematics; Infant school education; Preschool education; Primary education; Computer graphics

Features large colourful letters and optional sound effects to introduce children to numbers and the computer. Three activities (ladders, pictures and links) which are fully adjustable by the teacher help children get to grips with simple number concepts.

Concept keyboard compatible

3-5+

Annual review system

MEP; MESU, Newcastle SEMERC; Ferguson, J.; Ferguson, N.

Newcastle: NCET/MESU, Newcastle SEMERC
1987?

BBC B;

40t; 3 disks: "Master program", "Hereford & Worcester C.C. ARP Training disc - secondary storage", "Hereford & Worcester C.C. ARP Training disc - secondary printer"; s/s; 1 instruction manual; 1 documentation booklet "The annual review system".

Databases; Schools; Educational administration
Additional hardware requirements: Colour monitor; Dot matrix printer; Robin switchable light pen (optional, for systems using a second processor, or networks). MEP (product development); MESU, Newcastle SEMERC (product development); Ferguson, J. (original concept); Ferguson, N. (program implementation). A database program designed to assist with annual reviews under the 1981 Act (although it can be used for many other purposes). It will hold, for example, full details of the children in a school (thus enabling the production of alphabetical class lists, home addresses, emergency telephone numbers etc.). It will also hold details of the school curriculum (thus enabling production of a curriculum document). Then, relating the two aspects, it will record the progress of each child through the curriculum and indicate the next learning objectives.

Annual review system : primary version

MEP; MESU, Newcastle SEMERC; Ferguson, J.

Newcastle: NCET/MESU, Newcastle SEMERC
1987?

BBC B;

40t; 3 disks: "Master program", "Hereford & Worcester C.C. A.R.P. Training disc - primary storage", "Hereford & Worcester C.C. ARP Training disc - Primary printer"; s/s; 1 instruction manual; 1 set overhead projection transparencies

Databases; Curriculum; Schools; Educational administration

A database program designed to assist with annual reviews under the 1981 Act. It will hold, for example, full details of the children in a school (enabling the production of alphabetical class lists, home addresses, emergency telephone numbers etc.). It will also hold details of the school curriculum (thus enabling production of a curriculum document). Then, relating the two aspects, it will record the progress of each child through the curriculum and indicate the next learning objectives.

Annual review system : special version

MEP; MESU, Newcastle SEMERC; Ferguson, J.

Newcastle: NCET/MESU, Newcastle SEMERC
1987?

BBC B;

40t; 3 disks: "Master program", "Hereford & Worcester C.C. ARP Training Disc - secondary storage", "Hereford & Worcester C.C. ARP Training disc - secondary printer"; 1 instruction manual; 1 set overhead projector transparencies

Databases; Schools; Educational administration

A database program designed to assist with annual reviews under the 1981 Act. It will hold, for example, full details of the children in a school (thus enabling the production of alphabetical class lists, home addresses, emergency telephone numbers etc.). It will also hold details of the school curriculum (thus enabling production of a curriculum document). Then, relating the two aspects, it will indicate the next learning objectives.

Answer back junior quiz

Dunstable: Kosmos Software Ltd
198-

BBC B; BBC B+; BBC Master; Acorn Electron; Amstrad CPC; (cassette) £9.95 BBC B; BBC B+; BBC Master; (5.25" disk); Spectrum Plus 3 (3" disk); £10.95 BBC B; BBC B+; BBC Master; BBC Master Compact; Acorn Electron; (3.5" disk) £12.95 IBM PC & compatibles (3.5"/5.25" disk); £19.95 Amstrad CPC (3.0" disk); £13.95 Spectrum (cassette); £8.95

Disk/cassette

Cross curriculum; Primary education;

Combines a "Princess & Dragon" game with a series of general knowledge quizzes on subjects including nature; nursery rhymes, games and sport, spelling, books and poetry. All may be used in multiple choice/true-false/find the missing letters modes. Includes 15 quizzes; together with facilities for creating and saving own quizzes. Other questions may be added with the Factfile 500 series.

State whether disk/cassette required and computer type. IBM PC and compatibles disk version requires CGA/EGA.

6-11

Answer back senior quiz

Dunstable: Kosmos Software Ltd
198-

BBC B; BBC B+; BBC Master; Acorn Electron; (cassette) £9.95 BBC B; BBC B+; BBC Master; (5.25" disk); £10.95 BBC B; BBC B+; BBC Master; BBC Master Compact; Acorn Electron; (3.5" disk) £12.95 IBM PC & compatibles (3.5"/5.25" disk); £19.95

Disk/cassette

Cross curriculum; Secondary education; Sixth form education; Further education; Adult education

Combines a space game with a series of general knowledge quizzes on subjects including astronomy; music; natural history; science; art; geography; literature; sport. All may be used in multiple choice/true-false/find the missing letters modes. Includes 15 quizzes; together with facilities for creating and saving own quizzes. Other questions may be added with the Factfile 500 series.

State whether disk/cassette required and

computer type. IBM PC and compatibles disk version requires CGA/EGA.

12+

Answer back sport

Dunstable: Kosmos Software Ltd

198-

BBC B; BBC B+; BBC Master; Acorn Electron; (cassette) £9.95 BBC B; BBC B+; BBC Master; (5.25" disk); £10.95 BBC B; BBC B+; BBC Master; BBC Master Compact; Acorn Electron; (3.5" disk) £12.95

Disk/cassette

Cross curriculum; Secondary education; Sixth form education; Further education; Adult education; Sports

Combines two animated sports games (football and tennis) with a series of quizzes on sports subjects including football, tennis, athletics, rugby, golf, water sports, olympics. All may be used in multiple choice/true-false modes. Includes 26 quizzes; together with facilities for creating and saving own quizzes. Other questions may be added with the Factfile 500 series.

State whether disk/cassette required and computer type.

11+

Antarctica

Norwich: ITV Schools

1989

Key datafile

BBC B; BBC B+; BBC Master 128; £17.25 RM Nimbus; £18.40 Acorn Archimedes; details to be announced

Disk; User's notes; Information sheets; Worksheets

Geography; Environmental education; Primary education; Secondary education; Information handling; Computer graphics

Datafiles for use with Key. Give details of, among other things, Antarctic exploration since 1773, the weather conditions as recorded at a number of bases, the whales, seals, birds and fishes found in the region, and 30 years of readings of the thickness of the ozone layer
BBC, 5.25" DFS; Converts for Key 128 or Key Econet

8-18+

Antony and Cleopatra

Smith, Margaret (ed.)

Bangor: Akadimias

198-

Tutor series : English Literature - set texts

BBC B; BBC Master 128; Econet levels 2 & 3; Acorn; RM Nimbus PC 186; RM Nimbus AX series; Nimbus network; Amstrad 6128 & PCW; IBM PC compatible; £25.00 (includes site licence for up to 10 terminals)

Disk; study booklet; reading list

English literature; Secondary education; Sixth form education; Further education; A level examinations

A program to test student knowledge with questions in a multiple choice format, in either a random or sequential order, and with various user selectable time-bases against which the test may be taken. Facilities for revision; sequential, random test modes; with four time based skill levels in each test mode. Discounts available: details from publisher

BBC 40 or 80t disk (please specify). Acorn DFS

& ADFS; RM Nimbus 3.5" disk; Amstrad disk; IBM P C 5.25" or 3.5" disk (please specify).

16+

Antony and Cleopatra

London: Sussex Publications Ltd; World Microfilms

198-

Shakespeare on disk

IBM PC and compatibles; RM Nimbus; £25.00

Disk; manual

English; English literature; Secondary education; Sixth form education; General Certificate of Secondary Education; A level examinations

ASCII text file, allowing MS DOS word processors to be used to perform analyses of Antony and Cleopatra; scan the entire play for keywords; compare vocabulary and speeches among several plays; prepare tests; print out dramatic scripts with comments and stage directions; print copies of the plays and selected passages; add comments, notes, critical opinion etc. into the text

11+

Any concepts

Blamires, Mike

Oldham: NCET/MESU, North West SEMERC

198-

Blue file

BBC B; £3.50

40t; 1 disk; 1 documentation booklet

Special educational needs; Primary education; Utilities

A utility disk to use with concept keyboard files produced using the NCET program "Concept". It allows the linking of overlay files with different programs or applications which do not normally make use of the concept keyboard. Freely copiable for educational use in the UK

Any graph

Exeter: Maxima Communications plc

198-

Apple Macintosh; £65.00

Disk

Communication

Translates bit-mapped graphics from any IBM PC application to MacPaint format, allowing it to be modified using MacPaint or imported into any Macintosh graphics or page layout package. Also allows IBM CGA screen dumps to be converted. Works with standard Apple File Exchange utility, but requires method of transferring file prior to translation.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Any text

Exeter: Maxima Communications plc

198-

Apple Macintosh; £65.00

Disk

Communication

Provides text translation from any IBM PC application into MacWrite format while retaining formatting. Allows new file to be edited and printed using MacWrite; or imported into

Educational Software **ANS - APP**

any text-oriented application on the Macintosh. Works with standard Apple File Exchange utility, but requires method of transferring file prior to translation.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Anycon

RCEVH (Research Centre for the Education of the Visually Handicapped)

Oldham: Northwest SEMERC

198-

BBC B; BBC B+; BBC Master 128; £7.00

Disk; documentation; Concept keyboard overlays

Special educational needs; Life skills; Infant school education; Primary education;

Provides practice in recognition and discrimination of tactile or visual objects placed on a Concept keyboard for those who are blind or partially sighted. Children have to press the object described either in synthetic speech or in large text displayed on the screen.

Concept keyboard. Speech options: text to speech synthesiser (for BBC or B+ only)

5-11

Anycon Braille

RCEVH (Research Centre for the Education of the Visually Handicapped)

Oldham: Northwest SEMERC

198-

BBC B; BBC B+; BBC Master 128; £7.00

Disk; documentation; Concept keyboard braille overlays

Special educational needs; Life skills; Infant school education; Primary education

Provides practice in recognition and discrimination of tactile or visual objects placed on a Concept keyboard for those who are blind or partially sighted. Children have to press the object described either in synthetic speech or in large text displayed on the screen.

Concept keyboard. Speech options: text to speech synthesiser (for BBC or B+ only)

5-11

APL 68000 : version 7.00A

London: MicroAPL Ltd.

198-

Apple Macintosh Plus and SE; Apple Macintosh II; £99.95

Disk

Computer programming; Programming languages

A UK originated language, with features including enhanced window control; up to 4 APL tasks and 4 EDIT windows; APL terminal emulation task; user-selectable keyboard type; font sizing; support for AppleShare networking. Version for Macintosh II contains code for MC68881 co-processor.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Apple jack

Glasgow: Collins Educational; Holmes McDougall Educational Publishing

198-

Adventures in maths

BBC; £10.95

Disk

Mathematics; Infant school education; Primary education; Computer games

0715725181

A program to practise number bonds up to 10, based on the theme of apples falling from a tree. Uses simple keying process

6-8

AppleShare : version 2

Uxbridge: Apple Computers (UK) Ltd

198-

Apple Macintosh; £295.00

Disk

Communication; Utilities

Applications such as print spoolers or the Microsoft Mail Server may be run in the background on the same file server machine; allows up to 7 SCSI storage devices to be attached to the file server and shared by all client stations on the network, including Apple Computer's 550Mb CD-ROM drive. AppleShare clients can have specific access privileges to existing folders as set by the Network Manager; new folders can be created at any time by any user; users can determine which clients access their data. Allows server administration work to be carried out in the background while system is in operation.

Requires a Macintosh Plus to be dedicated to the task of running the AppleShare file server software and supporting client workstations on network; better network performance is achieved with a more powerful machine, e.g. Macintosh II.

AppleShare PC

Uxbridge: Apple Computers (UK) Ltd

198-

Apple Macintosh; £93.75

Disk

Communication

Allows PCs with hard disks to act as AppleShare server volumes on a LocalTalk network. Runs on MS DOS systems; requires LocalTalk PC card and LocalTalk connector to provide a connection into the network.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

AppleShare print server

Uxbridge: Apple Computers (UK) Ltd

198-

Apple Macintosh; £146.25

Disk

Communication

A spooler for Image Writers with LocalTalk cards and for LaserWriters. May be run on any dedicated hard disk-based Macintosh attached to a LocalTalk network or in background on the same machine as AppleShare file server software. Can capture and offer spooling facilities to any printer on the network or allows bypass of this facility. Allows print queues to be displayed, together with full log for each device captured. Log can be saved.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Applications and implications 1

See: Information technology project : a complete modular course in IT : teaching pack 1

Applications and implications 2

See: Information technology project : a complete modular course in IT : teaching pack 2

Applied chemistry

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £19.50 BBC Master Compact; £21.70 RM Nimbus; IBM PC and compatibles; £24.50 RM Nimbus network; (up to 16 machines) £45.00; (up to 48 machines) £65.00 Econet; £58.50

Disk

Chemistry; Industry; Secondary education; General Certificate of Secondary Education

Covers the most important industrial processes for GCSE; including the Haber and Contact processes; iron, aluminium, chlorine and sodium hydroxide production; the processes leading to the formation of several common addition and condensation polymers, with emphasis on the repetitive nature of the chain process

Only specify 80t if you cannot use 40t disks

13-16

Apprentice

COPE; MEC, Primary Software Group East; SCET; Microelectronics Development Unit

Glasgow: Scetlander

1988

BBC B; BBC B+; BBC Master 128; £15.00

3 disks (40t); 1 teacher's notes booklet; 1 pupil's notes booklet; 1 teacher's background notes booklet; 1 disk (80t)

History; Environmental education; Sociology; Mathematics; Primary education; Secondary education; Puzzles; Problem solving; Simulation; Computer graphics

1855720558

Aims to give an awareness of 16th/17th century life. Pupils take on the role of an apprentice master baker. Involves tackling problems and making decisions in choice of mill site; bread making; vermin control; archery practice. Provides material for topic work away from the computer.

BBC 5.25" disk

10-15

Arcade challenge

Boyes, Rod

Bradford: Brilliant Computing

1988

BBC B; BBC B+; BBC Master; £15.00

40/80t; Disk; manual

Computer games; Primary education; Infant school education; Special educational needs; Occupational therapy; Recreation

6 games, with options to vary difficulty level, allowing 2 players of differing ability to play together with different settings. Not suitable for people with visual handicaps. Contents: Bombers; Grouse shooting; Space cat; Rapids; Squash; Breakout.

BBC 5.25" disk; 40/80t; works with keyboard;

any joystick; 1-4 simple switches and an interface box.

6+

Arcade 3

Northwich: Clares Micro Supplies

198-

Acorn Archimedes; £14.95

Disk; manual

Computer games; Puzzles; Problem solving;

Contents: Zarkon invasion (player defends planet Zarkon from attack by aliens); Mazey man (player guides Mazey Man around the maze, eating the special protection pills to escape from the guards); Bounce-a-ball (player attempts to smash the multi-coloured bricks with a bouncing ball).

3.5" disk

Arcadians

See: Acornsoft hits 2

ArcComm

Gaunt, Peter; Bartram, Graham

London: BBC Enterprises /Longman-Logotron 1989

Acorn Archimedes; £29.00

2 disks (3.5"); documentation (1 booklet; 1 key strip)

Communication; Utilities; Secondary education; Computer studies; Viewdata

0563228806

A communications package which allows access to both viewdata and scrolling systems. The program includes the following terminals: Prestel (CEPT Profile 3), Teletel (CEPT Profile 2), Bildschirmtext (CEPT Profile 1), Teletype, VT102 (80 and 132 columns) and ANSI colour. The VT102 terminal supports some VT220 features

ArcComm supports Hayes, DTI and manual modems; at least 1Mbyte of memory and RISC OS are required

11-18+

ArcGraph

Chepstow: AVP Computing

Acorn Archimedes; £24.50

Mathematics; Secondary education

ArcGraph is designed to enable the production of line graphs on the Archimedes. It permits the user to plot either functions or points. Functions are plotted by generating sufficient points to give the impression of a smooth curve. Points may be plotted on their own, joined by straight lines, joined by a smooth parametric cubic spline or fitted, in the least squares sense with a best straight line or polynomial curve. Graph axes may be scaled linearly, logarithmically or in the case of the x-axis, in months. Up to eight graphs may be drawn on one raster using different symbols and colours and optionally, a menu to identify individual graphs. Graphs are displayed on the screen in mode 12 and may be dumped to a printer in mode 20 which permits a high degree of resolution

14+

Arch

See: Basic package

Archaeology

Holmes, Barry; Whittington, Ian; Fletcher, Stephen

Huntington .. PUB: Cambridgeshire Software House

1984

BBC B; BBC B+; BBC Master 128; BBC Master Compact; £15.00. Site licence £30.00

1 disk; program notes

History; Archaeology; Content free programs; Simulation

Contents : Site plan; Excavation; Catalogue; Site list. A simulation originally designed to be based on an archaeological excavation but which has since been explored to encompass other topics. It is a suite of programs which aims to allow teachers to define their own archaeological sites for simulated excavation by groups of children. Having previously decided upon and researched a site, the details may be entered and easily saved as a computer data file

8+

ArchiCAD 3.33

Ruislip: Desktop Engineering Systems

198-

Apple Macintosh; £2,495.00

Disk

Computer assisted design; Design; Craft, design, technology; Engineering

A full-featured dedicated architectural design system. Allows floor plans to be designed in 2D and given a height; floor plans to be converted to 3D wire-frame models or solid modes; once in 3D mode, allows design to be visualised in isometric, monometric; diametric or perspective; allows automatic cross-sections to be produced. Includes library function for recall of regularly used standard parts. Allows full bill of materials listing to be produced from a finished drawing.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Archie

Exeter: Maxima Communications plc

198-

Apple Macintosh; £6,450.00

Disk; optical disk; drive

Databases; Data processing; Information handling

A fully integrated HyperCard-based Macintosh program for the archival and management of arbitrarily structured information, allowing very large numbers of heterogeneous documents to be stored and retrieved on optical disk and reproduced on paper/display without loss of quality. A substitute for large paper or microfilm archives. Based around a WORM optical disk drive storing up to 10,000 pages of text.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Archimedes bumper pack 1

Swansea: HS Software

1987

Read-right-away

Acorn Archimedes; £19.95

Disk; booklet

English; Reading skills; Primary education; Computer graphics

Contents: Reading packs 1 (Splashdown - simple word building; Firefight - consonant pairs); 2 (Pyramids - ch, sh, th, wh; Sploosh - double vowels); 3 (Magic E - magic E spelling rule; Break-in (soft "c", soft "g" sound); 4 (Sortout - alphabetical sorting of letters/words; Letterbugs - unscrambling hidden words).

Archimedes 3.5" disk

5-11

Archimedes bumper pack 2

HS Software

1988

Acorn Archimedes; £19.95

Disk; booklet

English; Reading skills; Spelling; Mathematics; Infant school education; Primary education; Computer games

Contents: Bert Boot (multiplication/division problems); Carryadd (addition and subtraction with or without carrying); Entertaining English (verb tenses); Crosswords (designing/solving crosswords). Programs available separately.

Archimedes 3.5" disk

5-12

Archimedes Logo

Cambridge: Logotron

1988

Acorn Archimedes; £66.00 Archimedes Site Licence; £300.00 (Secondary); £175.00 (Primary)

Disk; reference manual; tutorial manual

Infant school education; Primary education; Secondary education; Sixth form education; Further education; Programming languages; Utilities

Designed to take advantage of the Archimedes RISC technology with its increased speed, colour and memory space.

Almost 100% compatible with BBC Logo. Site Licence suitable for all Archimedes micros, individually or networked.

6-18

Archimedes Quest

Hatfield: Advisory Unit

198-

Acorn Archimedes; £30.00

Disk; booklet

Information handling; Databases; Primary education; Secondary education; Statistics; Computer graphics

0 946039 98 4

Quest for the Archimedes running RISC OS with graphics and statistics built-in. Easier to use with alternative commands available and numerous other improvements that have been suggested by users. Mouse option still leaves existing Quest users in a familiar environment. Large datafiles. Econet compatible.

7+

Archipelago

Delmonte, Ellis

London: Aurora Educational Software

1988

RM Nimbus 512k; £17.50 RM Nimbus network; £43.75

Disk; manual

Puzzles; Problem solving; Primary education; Secondary education

Pupils have to unearth the hidden treasures of friendship, patience and wisdom, by following clues given to them at sea and recording treasure clues found in the 10 mysterious islands of the Lost Sea. During their task they meet many strange creatures and make many strange finds. On discovering a treasure, pupils have to complete some written work

Requires colour display

8-12

Architech

Chepstow: AVP Computing

BBC Master 128; £24.50

Cross curriculum

An authoring package allowing the teacher to write any number of texts, on any subjects, at any level of difficulty. It contains a wide range of scientific and mathematical symbols, including a full set of subscripts and superscripts. Numerous options allow the teacher to determine how much help to give to students. It is particularly suitable for the creation of cloze passages and multiple-choice questions

Architext

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £24.50 IBM PC and compatibles; £24.50

Disk

Cross curriculum; English; Modern languages; Language; Secondary education; Sixth form education; Further education; Authoring aids

Allows user to write any number of documents on any subject at any difficulty level in any Western European language (except Greek). Documents generated can be used in teaching or testing contexts. Can be used for a wide range of subjects - language-related/question/answer/multiple choice activity to other applications, e.g. pattern recognition/reproduction

Only specify 80t if you cannot use 40t disks

11+

Architriion : version 5.0

Ridgeway: Gimeor(UK)Ltd

1989

Apple Macintosh; £500.00

Disk

Computer assisted design; Design; Craft, design, technology; Engineering

A 3D CAD program to assist in all steps of design process. Allows key functions to be classified into 3 fields: creation and angling of volumes; CAD; and 3D perspective. Features include 3D elements and openings moving with X, Y, and Z repetition; creation of components; insertion of 3D openings and device fields; zone functions/screen scrolling; incstant area calculations; multiple location by absolute, relative, Cartesian and polar digit axis; location positioning; instant visualisation; front views; ability to determine cross sections. Provides full colour support; ability to work in section and elevation in 3D mode; light source facility for ray tracing; pop up menus.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Archon

See: Archon Collection

Archon collection

Langley, Nr. Slough: Electronic Arts Ltd

198-

Software classics

Amiga; £9.99

Disk

Computer games; Puzzles; Problem solving

Contents: Archon; Adept - strategy and arcade action involving elements of chess like pieces with interactive battles.

Arcscan

Beebug

St. Albans: Beebugsoft Ltd

1988

Acorn Archimedes; A3000; £16.67 (£12.50 members' discount price)

1 Disk 3.5"

Complete index

Can be adapted to any publication, book etc.

Arcticfox

Langley, Nr. Slough: Electronic Arts Ltd

198-

Software classics

Amiga; Atari ST; PC; £9.99

Disk

Computer graphics; Computer games; Puzzles; Problem solving

Features the world's most advanced tank, a fully armed and defended Arcticfox tank; 3D landscape graphics; and variable weather conditions in the Antarctic.

Also available on 3.5" disk for PC

Area

See: Games, activities and investigations : volume 1

Area

See: Mathematics practice in the classroom

Area

See: Educational 2

Area

See: Graphic calculus II : integration

Arith

See: Secondary maths 1

Arithmetic

See : Monster maths

Arithmetic plus : programs 1-4

Dary, J.

Gravesend: Fernleaf Educational Software Ltd

Thinking mathematically

BBC B (disk or cassette); £31.26

Disk or cassette

Mathematics; Primary education; Puzzles; Problem solving; Computer games

Designed for use by small groups of children. Contents: Find the question; Bridges; Treasure; Product patterns. A set of four programs designed as interactive group discussion games to provide practice in the four rules of number. Programs available individually.

7-11

Arith1SH

RJE Software

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1983

BBC B; RM Nimbus; £8.00

Disk

Mathematics; Secondary education

Question and answer from a menu of six topics. Correct responses increase difficulty, incorrect responses will cause a comment. Questions on + - * / for positive integers and then directed numbers

10+

Armadeus

Northwich: Clares Micro Supplies

198-

Acorn Archimedes; £79.95 (software) Acorn Archimedes; £199.95 (software and Armadeus sound sampler board)

Disk; or disk and board

Music; Secondary education

A sound sampling package. Features full RISC OS multi tasking application; real time wave image; multiple samples at any one time with new samples able to be loaded, appended, inserted or overlaid onto an existing sample; stereo effect option on replay; processing including echo, reverse, fade in and out, scale, etc.; move and erase, move; replace or overlay marked areas, etc. Includes 2 disks of sampled sound

3.5" disk; Compatible with Armadillo A448; A448b (m); Wilddivison ADC 1208 and Unilab interface. Reads and converts Atari ST disk; Midi keyboard compatible. Armadeus sound sampler board; 8 bit A to D sound sampler with 8 bit D to A providing clear output as opposed to the filtered output from Archimedes phono socket

11-14+

Arms

See: The Locus Pack

Arnhem

Smith, R.T.

London: Cases Computer Simulations Ltd

1985

Spectrum 48/128K; Amstrad; £14.95 Amstrad PCW compatible; £19.95

Disk or cassette

History; Secondary education; Problem solving; Simulation

An historically accurate tactical wargame

simulation of the "Market Garden" operation of 1944 for 1,2, or 3 players, in which pupils experience the conflict involved at the bridge at Arnhem in 5 compelling scenarios.

11-Adult

Aromatic reactions

See: Organic chemistry. 2: Aromatic reactions

Around the worldHuntingdon: Cambridgeshire Software House
1988

BBC B; BBC B+; BBC Master 128; BBC Master Compact; RM Nimbus; £22.00 Site licence; £42.00

1 disk; 1 booklet; printed timetables

Mathematics; Geography; Primary education; Secondary education; Adventure simulation

Pupils working individually or in small groups will take part in a journey round the world using various forms of transport. Printed timetables and clues generated by the program help them to work out their destinations

9-16

Around the world in 40 screens

Cambridge: Acornsoft

BBC B; BBC B+; BBC 128K B+; BBC Master 128; BBC Master Compact (40/80t); £7.95 BBC B; BBC B+; BBC 128K B+; BBC Master 128; BBC Master Compact (3.5"); £9.95

Disk; booklet

Puzzles; Problem solving; Computer games; Primary education

A game featuring 40 screens of Repton voyaging around the world - America (in the role of a sheriff); the Arctic (as an eskimo); the Orient (as a kung-fu master); the Oceans (a deepsea diver) and in Africa (defeating the tribesmen).

40/80t disk; 3.5" disk

5+

Arrow

Walton, David

Abingdon: Flexible Software Ltd

1983; 1985 (Nimbus)

RM Nimbus; RML 480Z; £24.00 RM/RML Network; £48.00

Software; 1 documentation booklet

Programming languages; Puzzles; Problem solving; Mathematics; Infant school education; Primary education; Secondary education; Sixth form education; Further education

1872449034

A computer language derived from Logo, which allows pictures to be drawn on screen, or a Valiant turtle to draw on the floor. Encourages planning and problem solving skills. Can print to any Epson compatible printer. Bulk discount LEA licences available. Additional copy of booklet; £6.00.

RM Nimbus 3.5" disk; RML 480Z 5.25" disk
5-18**Art and design**Glasgow: Collins Educational
198-

Microspecial

BBC B; BBC B+; £20.00

Disk; documentation; teacher notes

Art; Design; Craft, design, technology; Cross curriculum; Life skills; Puzzles; Problem solving; Special educational needs; Secondary education

A friendly, flexible program using a problem solving, structured approach, allowing teachers to design an individualised program, controlling difficulty level and altering data to suit requirements of pupils. Includes monitoring and assessment facility. Suitable for either individual or group use. Contained in Microspecial pack. Documentation available separately. Bulk purchases and site licences available - details from publishers.

11-15

Art and mouse

Adlington, Macclesfield: Database Software

198-

Amstrad CPC; £69.95

Disk; tape; interface; mouse

Desktop publishing; Art; Design; Computer graphics

A package which turns the CPC into a powerful graphics tool. Includes software routine allowing the mouse to be used in other CPC programs

For Amstrad CPC

Art and time

Oxford: Research Machines Ltd

1990

RM Nimbus PC-186; £19.00

Art; Design; Computer graphics; Computer assisted design

Contents: Paint and time; Space and form; Space and time. Three programs exploiting the fast and colourful graphics on the RM Nimbus PC-186.

Art parts 1

Langley, Nr. Slough: Electronic Arts Ltd

198-

Amiga; £9.99

Disk

Art

Art parts 2

Langley, Nr. Slough: Electronic Arts Ltd

198-

Amiga; £9.99

Disk

Art

Art room CD-ROM

Reading: Thames Valley Systems

198-

Apple Macintosh; £795.00

ROM

Utilities; Art; Design; Craft, design, technology; Computer graphics; Computer assisted design

A CD-ROM compilation containing over 30 PageMaker and Ready, Set, Go layout templates; 50 typefaces and over 1,000 MacPaint, MacDraw and Illustrator files, over a wide range of themes, for copying and reusing in other publications.

Also includes a 10Mb collection of over 90 PostScript typefaces, plus bit-map screen versions of the same font.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Arthur : a multi-media topic pack

Spalding: Chalksoft Ltd

198-

BBC B; BBC B+; BBC Master; £35.00 BBC Master Compact; £37.00

Disk 40t; 80t; 3.5"; story tapes; slides; background/project work booklets; copy sheets; teacher's manual

Cross curriculum; History; Geography; Language; Mathematics; Craft, design, technology; Adventure simulation

1851160361

Major teaching aid for a project about the life and times of King Arthur. Includes story tapes, slides, background and project work booklets, each with an illustrated story, questions, plus a page of things to do. Potential for work in history, geography, language, mathematics, drama, craft. Extra set of 8 project sheets plus 4 copy sheets available (1851166025; £3.95).

Please state whether 40t or 80t disks are required. 3.5" disk supplied for BBC Master Compact.

8-13

Artisan 2

Northwich: Clares Micro Supplies

198-

Acorn Archimedes; £59.95

Disk; manual

Art; Design; Craft, design, technology; Computer graphics; Secondary Education; Further education

A graphics package offering all icon based menus; magic brush; Pixel mixing; variable pen shapes and sizes that can use any colour or ECF pattern; user definable palette; image distortion; block copy; full sprite handling and drawing; edge detection routine; text; air brush; grid lock; colour printout using new Integrex dump; rubber band functions in zoom-mode; perspective points; functions for textile design

3.5" disk; runs under RISC OS; uses windows and mouse

12-16+

Artist disk

Tunbridge Wells: Compaed Trust

198-

BBC B; BBC Master 128; £5.00 BBC Master Compact; £10.00

Disk; manual

Special educational needs; Art; Design

A 2-switch drawing program, simple to use, which can produce some amazing effects

BBC 80t 5.25" DFS disk (please specify if 40t required). Amstrad 3.0" disk. Runs with 2 switches connected to either the two fire button inputs at the back of the BBC B or Master, or the left and right joystick controls of the Master Compact

Artpack

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128 (DFS or

ADFS); Electron (BBC DFS or ADFS); £19.50 Master Compact; £21.70 Acorn Archimedes; £29.50

Disk

Computer studies; Art; Desktop publishing; Computer graphics; Secondary education; Sixth form education; Further education

Contains over 100 drawings, maps, icons and symbols to enhance appearance of documents created with Pixel Perfect. Includes labels, banners, signs, objects, messages, utilities, headers, architectural clip-art, backdrops and borders

Only specify 80t if you cannot use 40t disks
11+

As You Like It

London: Sussex Publications Ltd; World Microfilms

198-

Shakespeare on disk

IBM PC and compatibles; RM Nimbus; £25.00

Disk; manual

English; English literature; Secondary education; Sixth form education; General Certificate of Secondary Education; A level examinations

ASCII text file, allowing MS DOS word processors to be used to perform analyses of As You Like It; scan the entire play for keywords; compare vocabulary and speeches among several plays; prepare tests; print out dramatic scripts with comments and stage directions; print copies of the plays and selected passages; add comments, notes, critical opinion etc. into the text.

11+

Aspir

See: Micros in the mathematics classroom : 2nd ed

Assayzap : version 1.3

Taylor, P.L.

Cambridge: Biosoft

198-

Apple Macintosh; £ 149.00

Disk; manual

Sciences; Computer graphics; Assay calculations; Secondary education; Sixth form education; Further education; Adult education

A simple to use powerful universal assay calculator, which includes communication routines which permit the Macintosh to be connected directly to data sources. All data and results may be printed, stored on disk or passed to other programs. Can incorporate 24 values in the standard curve; save graphs as PICT files; can use data from selected Nuclear Enterprises, LKB, Packard, Titertek and Dynatech instruments; offers regression fit to the logistic equation for RIAs, ELISA and IRMAs, plus interactive visual curve fitting technique permitting all standard curves to be fitted; provides least squares minimisation routines; unweighted and weighted four-parameter fit; maintains record of all previous assays, allowing current standard curve to be compared with this; handles assays of up to 2000 samples, each of up to 4 standard curves. Demonstration disk available - £ 15.0 .

3.5" disk. Requires 512K minimum

11+

Astronomical models

See: Science in process : pack 4

Atelier

Exeter: Minerva Software

198-

Acorn Archimedes; £99.95

Disk

Art; Design; Computer graphics

A full art package exploiting the 256 colour capabilities of the Archimedes; allows easy creation of graphics; picture/artwork to be dragged into a desktop publishing system; cutting and pasting between several Atelier pictures; loading in digitised pictures and altering. Includes an animator. Features include lines, triangles, rectangles, parallelograms, ellipses, arcs and sectors etc.; undo facility; rotating/distorting/anti-alias squashing; flood fill with colour, pattern, sprite, colour scale; television style techniques; mapping an image on to a 3D surface; smoothing brush and other digitised picture tools, etc. Site licences available.

Compatible with GammaPlot images

Atomic structure and bonding

See : Structure and bonding

Atoms and Diffuse

Bain, W.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1985

BBC B; £4.00

Disk

Chemistry; Sciences; Secondary education; Simulation

Contents: Atoms (simulates the movement of atoms in a gas. Effects of temperature, container size and number of molecules can be examined); Diffuse (illustrates diffusion in gases as a consequence of kinetic theory. Effect of molecule speed and aperture size on rate of diffusion can be examined, and an attempt made to emulate Maxwell's demon).

Attack on the Somme

Brighton: Tressell Publications

198-

BBC B; BBC B+; BBC Master 128; BBC Master Compact; Econet; RM Nimbus; RM Nimbus network; £25.00

Disk; documentation (photographs; maps; first-hand accounts)

History; Simulation; Puzzles; Problem solving; Secondary education

0907586147

Provides pupils with the details of an attack on the Western Front in 1916, including use of a preliminary bombardment and infantry attack methods, and includes an historical replay involving pupils in decision making as military leaders on the Somme battlefield in 1916

BBC 40/80t disk; 80t disk can be transferred to Econet levels 2 & 3

13-16

Au restaurant and Accident de route

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £24.50 BBC Master Compact; £25.00 Acorn Archimedes; RM Nimbus; £24.50 Econet; £58.50 RM Nimbus network; (up to 16 machines) £45.00; (up to 48 machines) £65.00

Disk; workbook; audio-cassette

French; Modern languages; Secondary education; Sixth form education; Further education; Adult education; Simulation

2 interactive role-playing simulation exercises: Au restaurant (student has to order food and drink); Accident de route (student buys petrol; is involved in accident, has to answer police questions).

Only specify 80t if you cannot use 40t disks

12+

Auction

Dary, J.; Roman, C.

Gravesend: Fernleaf Educational Software Ltd 1985

BBC B (disk); £11.26 BBC B (cassette); £8.65

Disk or cassette

Language; Primary education; Secondary education; Puzzles; Problem solving; Computer games

Contained in Strategy games. For small groups of children. Involves bidding in a market to gain more vases than the opponent, with limited money. Once a bid is made, the money is lost. Requires careful record keeping and nerve.

8-13

Auctions

See: Think ahead

Auntie's gift shop

Gravesend: Fernleaf Educational Software Ltd 198-

Fernleaf Dramas

BBC B; BBC B+; BBC Master 128; BBC Master Compact; £17.95

Disk; documentation

Mathematics; Databases; Puzzles; Problem solving; Primary education; Cross curriculum

Users have to choose one of six shops left in Auntie's will, from databank information on the location; type of shop; wishes of local people; cost of setting up shop. The program is structured into six acts - how the story starts; set up your character; set up your interests; choose your shop; fitting the shop and advertising; evaluating decisions taken.

Please state make/model of computer; network system; disk size and printer.

8-10

Aural

See: Tunesmith

Aural training tutor 1

Chepstow: AVP Computing

198-

Aural training tutor

BBC Master 128; £19.50 BBC Master Compact; £21.70 econet; £58.50 RM Nimbus; Amiga; £24.50

Disk

Music; Primary education; Secondary education; Sixth form education; Further education

8 programs designed to help classroom teaching and reinforce aural skills. Each program provides 5 examples, superimposing the correct answer over a n incorrect one. Covers rhythm, pitch, crotchets, quavers, 6/8 and 4/4 time

Only specify 80t if you cannot use 40t disks

8+

Aural training tutor 2

Chepstow: AVP Computing

198-

Aural training tutor

BBC Master 128; £19.50 BBC Master Compact; £21.70 RM Nimbus; Amiga; £24.50 Econet; £28.50

Disk

Music; Primary education; Secondary education; Sixth form education; Further education

Designed to help classroom teaching and reinforce aural skills. Each program provides 5 examples, superimposing the correct answer over an incorrect answer. Covers tunes in 3/4, 4/4, 6/8, 2/4 time; syncopated rhythms and minor key s

Only specify 80t if you cannot use 40t disks

8+

Aural training tutor 3

Chepstow: AVP Computing

198-

Aural training tutor

BBC Master 128; £19.50 BBC Master Compact; £21.70 Econet; £58.50 RM Nimbus; Amiga; £24.50

Disk

Music; Secondary education; Sixth form education; Further education

Designed to help classroom teaching and reinforce aural skills. Each program provides 5 examples, superimposing the correct answer over an incorrect answer. Covers 8 bar melodies in 2/4, 3/4, 6/8, sequential patterns, modulation through the Dominant, minor keys and correcting the mistakes

Only specify 80t if you cannot use 40t disks

11+

Aural training tutor 4

Chepstow: AVP Computing

198-

Aural training tutor

BBC Master 128; £19.50 BBC Master Compact; £21.70 Econet; £58.50 RM Nimbus; Amiga; £24.50

Disk

Music; Secondary education; Sixth form education; Further education

Designed to help classroom teaching and reinforce aural skills. Each program provides 5 examples, superimposing the correct answer over an incorrect answer. Covers 4 bar melodies in treble and bass clef with same rhythm in both parts, greater differences, independent melodic parts, bass line starting first and use of chromatic passing notes

Only specify 80t if you cannot use 40t disks

11+

Aural training tutor 5

Chepstow: AVP Computing

198-

Aural training tutor

BBC Master 128; £19.50 BBC Master Compact; £21.70 Amiga; RM Nimbus; £24.50 Econet; £58.50

Disk

Music; Primary education; Secondary education; Sixth form education; Further education

Twelve linking programs dealing with the development of three part writing. The programs start with recognition of chord inversions, leading to five programs teaching a specific chord progression and five dictation programs in the style of the earlier disks

Only specify 80t if you cannot use 40t disks

8+

Aural 5

Pearson, Christopher

Harlow: Longman Micro Software

1984

BBC B; BBC B+; BBC Master 128; £19.50 BBC Econet levels 2 & 3: SJ file server; AMCOM E-Net; £32.50

1 disk, s/d; 1 documentation booklet; 1 running sheet

Music; Secondary education; Sixth form education; Further education

0582264162

Comprises 3 programs providing aural training exercises in techniques required for most music examinations: aural memory; recognition of musical intervals; naming of notes

BBC 40t, 5.25" DFS; BBC 80t, 5.25" disk

15-17

Aurora imaginator

Delmonte, Ellis

London: Aurora Educational Software

1988

RM Nimbus 512k: £15.00 RM Nimbus network; £37.50

Disk; manual

Art; Design; Craft, design, technology; Computer assisted design; Primary education; Secondary education; Further education; Adult education

An animation program based on the technique for creating character sets, with frames being built up through manipulating and shaping image blocks and animated with a single keystroke. Allows detailed work in up to 16 colours. Facilities include easily accessible help screen; 60-2000 frames; frame sizes of up to half screen height and full width; separate storage of images and animations.

Requires colour display. Benefits from mouse control

8+-Adult

Austerlitz 1805

Wright, K.

London: Cases Computer Simulations Ltd

1989

Spectrum 48/128K; £12.95

Cassette

History; Secondary education; Simulation; Computer games; Puzzles; Problem solving

A simulation of the battle of Austerlitz, in which the player commands either Napoleon's French army or Kutusov's Austro-Russian army, against a sophisticated computer opponent. Includes scrolling map, infantry that can change formation, cavalry, artillery and a comprehensive system of re-organisation. 3 difficulty levels.

11-Adult

Autobiblio : version 1.3

Florini, J.R.

Cambridge: Biosoft

198-

Apple Macintosh; £ 125.00

Disk; manual

Information handling; Library administration

A bibliographic storage and retrieval system, storing references, enabling their selection, recall and printing in required formats. Allows user to create own database of literature references and incorporate those cited in papers in bibliography listing. Demonstration disk available - £ 15.00

Requires 2 s/s 400K drives or 1 d/s 800k drive minimum; hard disk desirable for large files

Autocard

London: Autodesk Ltd.

198-

Apple Macintosh; £450.00 (1 copy); £2,000.00 (5-pack); £3,000.00 (10-pack)

Disk

Computer assisted design; Design; Craft, design, technology; Engineering

A design and drafting program allowing images to be created and edited in 3D. Features include user defined co-ordinate systems; 3D surface modelling; multiple viewpoint facility. Program can be customised with specific menus and commands, or to carry out frequently-used functions. Supports IGES and DXF; allows access to files on computers running the program under MS DOS; Macintosh OS; Unix; Apollo Aegis; Digital VMS. Mandatory service agreement for packs - from £400.00.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Autofrac

See: Micros in the mathematics classroom : 2nd ed

Automatic drafting module

Frazer, Professor J. et al.

Toye, Downpatrick: Autographics Sales Ltd

1986

RM Nimbus; £70.00 IBM PC/AT; £85.00 Network versions; details from publishers

Disk; manual

Computer assisted design; Craft, design, technology; Secondary education

Additional module for Compas designer.

3.5" or 5.25" disk

13+

Automatic switcher

See: Teacher's pet

Autoref

Dewhurst, D.; Brown, G.

Sheffield: Pavic Publications

198-

Sheffield bio science programs

BBC B; £19.95

Disk or cassette; manual

Information handling; Databases; Library administration

An easy to use database manager for storing bibliographic references, with ready-created format allowing immediate record entry. Includes built-in printer-driver routine. Stores up to 300 references on 40t, 600 reference s on 80t disk. Data may be transferred to word processing programs, e.g. View, Wordwise

BBC 40t or 80t disk; BBC cassette

Autorouter

Maidstone: Microspot

198-

Douglas CAD/CAM professional system

Apple Macintosh; £495.00

Disk

Computer assisted design; Design; Craft, design, technology; Engineering; Electronics

Allows for full integration of the Professional System by automatically completing the circuit connections.

Operates on a Macintosh Plus; but a 2MB Macintosh II is recommended.

Aventure

Oxfordshire County Council, Computer Education Unit

Wheatley: Oxfordshire County Council, Computer Education Unit

1988

RM Nimbus/Network; RM 480Z; £27.00

Disk; documentation manual

Modern languages; French; Secondary education; General Certificate of Secondary Education; Adventure simulation; Problem solving

A suite of 6 French adventure programs set in everyday situations, to stimulate pupils to talk in French about the problems/situations they encounter in order to solve them. Allows teachers/students to create own adventures, using any situation/vocabulary. Bulk discounts/LEA licences available. Extra copies of booklet available; £5.00

RM Nimbus/Network 3.5" disk. 480Z stand alone or network

8-18

Avon and Monsters of Murdac

Partington, Jonathan; Thackray, Jon

Peterborough: Topologika

1989

Text adventures

BBC B; BBC Master 128; BBC Master Compact; £17.50 CPC; PCW; Spectrum +3; £14.95 Amstrad; IBM PC; Acorn Archimedes; A3000; RM Nimbus; £19.95

Disks; technical guide; coded hints sheets; guide

Adventure simulation; Computer games; English; Puzzles; Problem solving; Secondary education

2 adventure games - Murdac (players aim to

defeat monsters as they explore the ancient forests of Mordac; and Avon ("warped" into the world of Shakespeare, players try to return to the present day)

12-Adult

Aztec and Masterword

Wisbech, Cambridgeshire: esm

198-

BBC B; BBC B+; BBC Master 128; RM Nimbus; £16.00

Disk

Language; Spelling; Mathematics; Primary education; Secondary education; Computer games

Word games to encourage collaborative thinking, exploring vocabulary, spelling and dictionary skills to find hidden words randomly selected from a bank of 1,000. Develops strategy, logical prediction and memory.

BBC 5.25" disk; RM Nimbus 3.5" disk

8-13

Aztec C68k

Edinburgh: Apple Developers Group

198-

Apple Macintosh; £89.25

Disk; documentation

Computer programming; Programming languages

A complete C development environment for the Macintosh. Includes both MPW and Aztec shell environments; a set of development tools (including Assembler and Linker); will run under either shell (except for Z, the Manx editor). Compiler supports 68020, 68881 and the complete set of "Inside Macintosh" ROM and OS routines. Aztec also supports building of drivers, desk accessories and code resources (e.g. INITs, WDEFs, FKEYs and HyperCard XCMDs and XFCs).

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

A1 electrics

Doncaster: RESOURCE

198-

BBC B; BBC Master 128; £20.95 Econet; £30.95 E-Net; £34.50

Disk; documentation Econet/E-Net packs include 5 sets student documentation

Computer studies; Business education; Data processing; Secondary education; Simulation

A stock control case study and simulation, designed to aid the teaching of commercial data processing, showing the conversion from a manual stock control system to a computerised form, and simulating a commercial batch processing system. LEA/Regional licences and bulk purchase discount available

BBC B/Master 5.25" 40t DFS; Econet 5.25" 40t; E-Net 5.25" 40t. 80t DFS available - £1.50 surcharge per disk

13+

A4 concept keyboard overlay kit

Oldham: NCET/MESU, North West SEMERC

198-

Blue file

1 acetate overlay grid; 10 blank overlays; A

selection of regular overlays; List of programs useable with the concept keyboard

Freely copiable for educational use in the UK.

A-maze-ing

RCEVH (Research Centre for the Education of the Visually Handicapped)

Oldham: Northwest SEMERC

198-

BBC B; BBC B+; BBC Master 128; £14.00 IBM PC and compatibles; RML Nimbus; £7.00

Disk

Special educational needs; Life skills; Infant school education; Primary education

Allows child to use input device to guide a coloured square through a maze. Encourages partially sighted youngsters to make maximum use of the sight they have; facilitates development of hand-eye coordination skills. Encourages blind children to make sense of their environment and to facilitate development of hand-eye co-ordination skills through using an audio help facility.

BBC input via 4-way joystick or analogue joystick or keyboard or user port switches or touch sensitive screen; IBM input via keyboard or IBM joystick or Microsoft compatible mouse; RML Nimbus through Nimbus keyboard or joystick or mouse.

5-11

Back to basics

See in Educational disk 1

Back home

Jones, Christopher

London: Wida Software Ltd

1983/90

BBC B; BBC B+; BBC Master; Apple; £27.50 MS DOS; £38.00 BBC Econet Level 2/3; £55.00

Disk; audio cassette; workbook

English (second language); Language; Primary education; Secondary education

Multi-skills package based on 12 communicative EFL songs with Storyboard, Cloze and Dictation activities (MS DOS version uses Storyboard and Gapmaster activities)

BBC 40/80t; programs convertible by user for Master Compact. MS/DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1MB memory & IBMulator. Apple II+, IIe, IIc and IIgs, under DOS 3.3. Programs convertible to PRODOS by user

8-15

Back to back

See : Laser letters

Baker

Oxfordshire County Council, Computer Education Unit

Wheatley: Oxfordshire County Council, Computer Education Unit

1988

Oxford Modular Computer Education Course

RM Nimbus/Network; RM 480Z; £25.00

Disk; documentation booklet; resource materials

Mathematics; Business education; Secondary education; General Certificate of Secondary Education; Simulation; Problem solving

Pupils manage a bakery with a small number of customers, six staff, equipment and some stock, planning the week's baking, deciding about ordering supplies, expanding the business, its premises, staff, equipment and clientele. Bulk discounts/LEA licences available. Extra copies of booklet available; £4.00

RM Nimbus/Network 3.5" disk. RM 480Z stand alone or network

8-16

Balance and steelyard

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £19.50 Acorn Archimedes; £24.50 Econet; £58.50

Disk; program notes/teaching suggestions

Mathematics; Secondary education; Computer graphics

Provides a good grounding in understanding the principles of the balance beam and steelyard, by setting problems involving this equipment and allowing users to choose the number of questions asked and the level of difficulty. Screen dump options

Only specify 80t if you cannot use 40t disks

11-14

Balance of payments

Anderton, Alain; Hurd, Stephen; Watson, Deryn; et al.

Harlow: Longman Micro Software

198-

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; Acorn Archimedes; £19.50 BBC Econet levels 2 & 3; SJ file server; AMCOM E-Net; £30.00

1 disk; 1 teachers' guide; students' leaflets

Economics; Sociology; Secondary education; Further education; Simulation

A role-playing program in which students act as Chancellor of the Exchequer, seeing how policies on deflation, evaluation and import controls affect the the economy

BBC 40t, 5.25" DFS; BBC 80t, 5.25"; Archimedes compatible 3.5" disk

14-16

Balance sheet analysis

Riddle, G.; Barker, B.

London: Pitman Publishing

1988

IBM PC or IBM PC compatible; £30.00

1 disk; 1 booklet

Business education; Economics; Industry; Secondary education; Further education; Adult education; Simulation

0273028685

This package provides a comparison of the accounts of organisations in a wide range of business situations. It will enable the student to interpret accounts using basic ratios and real data

14-Adult

Balance your diet

Forecast, Christopher

Cambridge: Cambridge Micro Software
1983

BBC B; BBC B+; BBC Master; RML 380Z;
£22.50 Apple Macintosh; £25.00 Econet; £37.50
1 disk; 1 documentation booklet

Home economics; Biology; Nutrition; Secondary
education

0521259363 (BBC 40/80t); 0521300649 (Econet
80t) 0521255724 (RML 380Z); 0521321387
(Apple Macintosh)

The program displays the protein, carbohydrate,
fat, fibre, mineral and vitamin content of
foodstuffs. Then totals the energy intake and the
levels of food components, compares all of these
values against a standard recommended diet.

Econet requires 80t disk; BBC machines use 40/
80t disk.

11-18

Balancing

See : Balancing half equations, reactions and
periodic table

Balancing equations

Harlow: Longman/Logotron
198-

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; Acorn
Archimedes; £21.00

Disk

Sciences; Chemistry; Secondary education;
Further education

Provides revision and practice in supplying
correct formulae for compounds in a chemical
equation and balancing equations

BBC 40t, 5.25" DFS disk; Archimedes
compatible 3.5" disk;

14-16

Balancing half equations, Reactions and Periodic table

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £19.50 BBC
Master Compact; £21.70 Econet; £58.50 RM
Nimbus; Amiga; £24.50

Disk

Chemistry; Secondary education; Sixth form
education; Further education; A level
examinations

Contents: Balancing of half equations (examples
for balancing on screen against the clock);
Reactions (up to 100 questions on qualitative
inorganic analysis); random questions on the
first 36 elements of the periodic table.

Only specify 80t if you cannot use 40t disks
16-18

Balanx

See: ITMA chemistry pack

Ballistics and Pendulum

Chepstow: AVP Computing

198-

IBBC B; BBC B+; BBC Master 128; Electron
(BBC DFS); £19.50 BBC Master Compact;
£21.70 Amiga; Acorn Archimedes; RM Nimbus;

£24.50 RM Nimbus network; (up to 16
machines) £45.00; (up to 48 machines) £65.00

Disk

Physics; Secondary education; Sixth form
education; Further education

Contents: Bomber, Galileo's Gun (demonstrate
relationships between major variables involved
in simple ballistics), Pendulum (an experiment
exploring the effect of varying the parameters
of a simple pendulum)

Only specify 80t if you cannot use 40t disks
14+

Balloon

See: Basic package

Balloons

See: Blob 2

Bandit

See: Vivid

Bank

Glasgow: Collins Educational
198-

Microspecial

BBC B; BBC B+; £20.00

Disk; documentation; teacher notes

Mathematics; Cross curriculum; Life skills;
Puzzles; Problem solving; Special educational
needs; Secondary education

A friendly, flexible program using a problem
solving, structured approach, allowing teachers
to design an individualised program, controlling
difficulty level and altering data to suit
requirements of pupils. Includes monitoring and
assessment facility. Suitable for either individual
or group use. Contained in Microspecial pack.
Documentation available separately. Bulk
purchases and site licences available - details
from publishers.

11-15

Banking

See : Earning, spending, banking and budgeting

Banking game

Chepstow: AVP Computing

BBC B; BBC B+; BBC Master 128; £24.50

Secondary education; General Certificate of
Education; Cross curriculum; Business
education; Computer studies; Technology;
Mathematics

Designed for pupils of all abilities to use on
completion of the section of the syllabus which
covers all aspects of percentage work. It
facilitates the introduction of some "practical
work" and Information Technology into
mathematics lessons. The game gives pupils an
insight into the commercial interaction between
shoppers/retailers/wholesalers and bankers.
Pupils simulate the processes of shopping,
ordering, invoicing, paying bills and keeping
bank accounts

13-16

Bar

See: Toy control disk

Bar charts

London: ILECC (Inner London Educational
Computing Centre)

198-

RML 380Z; RML 480Z; RML network; £10.00
1 disk; 1 handbook

Mathematics; Statistics; Geography; Secondary
education; Further education; Computer
graphics; Cross curriculum

Allows the user to draw and save different bar
charts which can be created from the user's own
observations or from other sources. Automatic
re-scaling allows considerable flexibility in
display. Bar charts and data can be printed.

Data from the 'Line graphs' program can be
used

7-18+

Bar code reader project teaching pack

Bostock, Mike; Hill, George

Harlow: Longman Micro Software

198-

BBC B; BBC B+; BBC Master 128; £85.00

Disk; bar code metal stencil; acetate sheet for
reading bar codes; Bar code reader and lead;
user manual; pupil worksheets

Computer studies; Secondary education

A range of demonstration programs illustrating
use of the bar code reader - e.g. at supermarket
check-outs; as a binary decoder. Includes printer
driver routine to print out bar-coded program
listings from BASIC.

BBC 40t, 5.25" DFS disk

11-16

Barbara Hall crosswords

Frome: Great Elm Services

198-

BBC; Acorn Electron; £7.50

Disk

Language; Spelling; Puzzles; Problem solving;
Special educational needs; Computer games;

Contains 20 puzzles. Series of disks available.
Partly completed puzzles can be saved. Records
players' names and the puzzles they have done.

5.25" 40t or 80t disk. Requires only single finger
operation on BBC machines

7+

Bard's tale 1

Langley, Nr. Slough: Electronic Arts Ltd

198-

Software classics

Amiga; Atari ST; PC; £9.99

Disk

Computer games; Puzzles; Problem solving

A fantasy adventure in which the player pits a
heroic band of adventures against Mangar, the
evil scourge of Skara Brae. Includes 85 sorcery
spells, 3 dungeons, 16 maze levels; realistic
animation and scrolling narrative.

Also available on 3.5" disk for PC.

Bard's tale 2

Langley, Nr. Slough: Electronic Arts Ltd

198-
Amiga; £24.99
Disk
Computer games

Bargrapher

Newcastle Upon Tyne: Northern Micromedia
1990
BBC B; BBC Master; £15.00
Sciences; Mathematics; Cross curriculum;
Secondary education
A versatile data collection, display and analysis
program useful across the curriculum.
11+

Barrels

Leamington Spa: SPA (Software Production
Associates)
198-
RML 480Z; £15.00 RML 480Z Network; £33.00
RM Nimbus; £16.00 RM Nimbus Network;
£35.00
Disk
Life skills; Infant school education; Primary
education; Computer games; Secondary
education
A fast game of running, leaping and swinging
around a building site to collect hidden treasures,
involving timing and quick reactions to avoid
rolling barrels.
5+

Barset

See: Micros in the mathematics classroom : 2nd
ed

Base

See: Secondary maths 1

Base-it

Chepstow: AVP Computing
198-
BBC B; BBC B+; BBC Master 128; £19.50
Acorn Archimedes; £24.50
Disk
Cross curriculum; Databases; Secondary
education; Sixth form education; Further
education
A database that enables the user to create and
sort new files; add; delete; search; view; copy
and amend records; edit titles. Capable of storing
1000 files with each record containing 12 fields
Only specify 80t if you cannot use 40t disks
11+

Basic

See : Programming step by step

Basic companion

Llandudno: Micro Help
198-
Micro Help companions (on-screen help)
BBC B; BBC B+; BBC Master; £19.95 (ROM)

BBC B; BBC B+; BBC Master; £8.95 (ROM
image on disk)
ROM or disk
Programming languages; Computer
programming; Utilities
Provides on-screen help with a selection of 15
helpscreens appropriate for programming,
utilizing the BBC computer's ability to use up
to 240k of sideways ROMs in addition to the
running language, making it accessible at the
same time. Customising service available
(£24.95). Available in set of four; or any two
ROMs £29.95; any three ROMs £39.95.
Discounts offered on quantity orders
ROM or ROM image on disk for loading into
Sideways RAM

Basic editor

Cambridge: Acornsoft
BBC B; B+; 128K B+; Master 128; Master
Compact; £26.00 Econet; £100.00
ROM; user guide; keypad
Utilities; Programming languages;
A utility providing full-screen editing facilities
for developing and maintaining BASIC
programs. Provides many word processing
facilities; enables user to define the target of
jump instructions as labels and then
automatically insert the appropriate line number
when the editing sequence is complete.
ROM
5-16+

Basic lesson

Backwell, Bristol: Arrowsoft Educational
Software
198-
BBC B; BBC Master; £12.00
Disk
Computer studies; Programming languages;
Primary education; Secondary education; Adult
education
Written for absolute beginners, the program
provides the first rudiments of instruction in
Basic, one step at a time.
7+

Basic macroeconomic models

Lumsden, Keith; Scott, Alex
Harlow: Longman Micro Software
198-
BBC B; BBC B+; BBC Master 128; £30.00
Disk
Economics; Secondary education; Sixth form
education; Further education
3 programs designed to help pupils'
understanding of basic macroeconomic
concepts, and introducing the first principles of
macroeconomic policy making.
BBC 40t, 5.25" DFS disk
16-19

Basic mathematics

Glasgow: Scetlander
BBC B; BBC B+; BBC Master 128; £15.00
Disk
Mathematics; Geometry; Infant school
education; Primary education; Secondary
education; Special educational needs; Computer
graphics

135572040X

Contents: Units; Digit addition; Dice
multiplication; Fraction identification; Angle
estimation; Reading a scale; Join the dots; Time
A good reinforcement aid for the slow learner.
BBC 5.25" disk
6-13

Basic music composition

Tobin, Candida
Sawbridgeworth, Hertfordshire: Tobin Music
1987
BBC B; £17.35
Disk; manual
Music; Primary education; Secondary education
Sixth form education; Further education
A program to teach users to compose proper
diatonic music. Plays back composition with full
harmonies with a choice of instrumental
combinations and tempo. Offers choice of 3
musical keys and 2 time signatures. To aid pitch
training, computer plays each melody note as it
is placed on staff. Easy editing. Print facility to
dot matrix printer
BBC 40/80t disk. Can be used with Music 500
Universal Synthesiser by Hybrid Technology
8-Adult

Basic number help B

Loughborough primary micro project
Harlow: Longman Micro Software
198-
Loughborough Primary Micro Project
BBC B; BBC B+; BBC Master 128; £19.50
Disk
Mathematics; Puzzles; Problem solving;
Secondary education
Provides a variety of problems in groups of 10,
to improving adding and subtraction of 2/3 dig
numbers. Help option.
BBC 40t, 5.25" DFS disk
11-14

Basic organic chemistry

Chepstow: AVP Computing
198-
BBC B; BBC B+; BBC Master 128; £19.50 BB
Compact; £21.50 RM Nimbus; IBM PC and
compatibles; £24.50 RM Nimbus network; (up
to 16 machines) £45.00; (up to 48 machines)
£65.00 Econet; £58.50
Disk
Chemistry; Secondary education; Sixth form
education; Further education; A Level
Examinations
Contents: Organic analysis (pupils identify
compounds from range of aliphatic and aromatic
molecules using analytical data); Organic
synthesis (20 reagents to be used either singly
or in combination to prepare randomly chosen
compounds); Chiral molecules; Geometric
Isomerism (use of graphics to show relationships
between representations of isomers)
Only specify 80t if you cannot use 40t disks
16-18

Basic package

Workshop: TGW Software Developments

198-
BBC B; BBC Master; £37.00
10 disks; documentation
Special educational needs; Computer graphics
Programs providing visual assessment and training in the development of visual-motor skill and understanding of cause-effect. Facility for tailoring to meet individual needs - e.g. length of run; colour of parts/background; type/direction of movement; size of shapes; type of sound; child to use switch or automatic run.
Contents: Colour 1; Colour 2; Eye; Mosaic; Waving hands; Disk; Face parts; Colour 3; Square; Face; Chessboard; Dance; Fan; Mosaic/circle; Mosaic/up; Pretty; Spiral; Spider; Offices; Ring; String; Arch; Cat06; Chords; Kaleidoscope 1; Kaleidoscope 2; Lines; Tablemat; Tunnel; Moire quarters; Moire screen; Triangle 1; Triangle 2; Targets; Circles; Stella; New squares; Snail; Circles 1; Starry; Square 1; Square 2; Dice; Stars 1; Ovals; Circles 2; Triangles; Flowers; Cubes; Stars 2; Sputniks; Balloon; Sky; Teddy; Ambulance; Flower; Flowerpot; Mickey; Boat; Plane; Car; Lorry; Van; Crowns; Doggy; Polly; Snow; Girl; Owl; Multi 1; Multi 2; Multi 3; Multi 4; Multi 5; Multi 6; Transport 1; Transport 2; Ega Beva; Dog; Fish; Car; Lady; House; Man; Triangle; Circle; Quacker; Directions 1; Directions 2; Snake 1; Snake 2; Steps; Mosaics; Sine; Blocks; Graph 4; Balloon; Multi 7; Girls; Merry-go; plus 3 types of programs on visual exploration - static moving shapes or face; two static pictures or shapes; picture parts
5.25" 40t disk unless 80t is requested; will operate on single or double density drives. Work either automatically or by external single switch connected via user port
5+

Basic skills

Street: Selective Software
198-
BBC B; BBC B+; BBC Master 128; £10.00 BBC Master Compact; £12.00
Disk
Mathematics; Primary education; Secondary education
An individual user, number drill and practice program, with 6 options covering the four rules; user friendly on-screen carry and decomposition facilities; results screen which holds full class results and has print option.
BBC B 5.25" 40 or 80t disk; BBC Master Compact 3.5" disk
18-15

Basic words

Birmingham: Daco Software
1198-
BBC B; BBC B+; BBC Master; (Electronic book); £15.50
Disk
Reading skills; Special educational needs; Infant school education; Primary education;
Provides practice in reading early sight words, as user matches words with the appropriate part of the picture in the Electronic book. An attractive screen reward builds up with correct answers.
Electronic book
7+

Bass clef

Harvey, P.
Cardiff: Drake Educational Associates

198-
Music lesson series
BBC B; BBC B+; BBC Master; £12.00
1 disk; 1 booklet
Music; Primary education
Natural notes. The program teaches the notes on the bass clef and also can be used as a test
5+

Battle

See: Oxo, Battle, Maze, Pairs, Toybox.

Battle chess

Langley, Nr. Slough: Electronic Arts Ltd
198-
Amiga; Atari ST; PC; £24.99
Disk
Computer games; Computer graphics; Puzzles; Problem solving
An entire medieval world represented on the chequered board; combines a chess logic system with 3D animations.
Also available on 3.5" disk for PC.

Battle of Bannockburn : 1314

Glasgow: CDG (Scotland) Ltd.
198-
BBC B; BBC B+; BBC Master 128; £15.50
Acorn Archimedes; IBM PC; RM Nimbus; £21.50 IBM PC; RM Nimbus network; £32.25
Disk; documentation
History; Databases; Secondary education
1853950726
An analysis of a crucial battle in the Scottish Wars of Independence against the Norman occupation. Provides details on the landscape of Bannockburn, the forces used and the battle movements of the Norman and Scottish armies. Structured modular work units accommodate all ability levels; integrate computer procedures and assist in the acquisition of knowledge and understanding, developing enquiry, evaluation and analysis skills, etc. Optional Epson compatible screen dump (BBC/Nimbus only) available - £7.50 (BBC); £13.50 (Nimbus). Discounts available for purchase of any two or more datapacks - details from publishers
Please state format required: BBC 40 or 80t disk; IBM PC (EGA/ECD only)
11-13

BBC Basic : version 2

Cambridge: Human Computer Interface Ltd.
198-
Apple Macintosh; £125.00 (£25.00 serial transfer cable)
Disk
Computer programming; Programming languages
Provides an advanced, interactive programming language suitable for educational use. Can run large proportion of educational software originally developed for the BBC. Supports full BBC Basic language as supplied on the Master series computers and the most significant features of the Archimedes Basic V. Provides full emulation of BBC graphics and text mode, including Mode 7 Teletext. Built-in interface for transferring programs or data files to and from a BBC without additional software. Other

features include powerful program editor; on-line help; Macintosh Toolbox interface.
Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

BDP pack

Doncaster: RESOURCE
198-
BBC B; BBC Master Compact; RM Nimbus; £82.50; Special offer £25.00
Disks; tutor guide; reader; classroom reports; resource guides; project booklet; The use of directed reading in computer studies; case study guidelines
Computer studies; Business education; Secondary education
A business data processing pack to support recommended practice of teaching computing studies, promoting a range of teaching methods leading to a better understanding of the contribution of data processing to business. LEA/Regional licences and bulk purchase discount available
BBC B 5.25" 40t DFS; Compact 3.5" ADFS. 80t DFS available - £1.50 surcharge per disk

Beach profile by levelling

See: Coastal studies : programs for fieldwork

Beach sediment shape variation

See: Coastal studies : programs for fieldwork

Beach sediment size variation

See: Coastal studies : programs for fieldwork

Beastie

See: Bugs and Beastie

Because it's there

Spalding: Saxon Software
198-
BBC B; BBC B+; BBC Master; £13.00
Disk; 40t; 80t
History; Geography; Simulation; Computer games
A game/simulation in which children plan an expedition to Mount Everest, using information provided on screen. As they climb, progress is made by correctly answering questions about the history and geography of Everest.
Please state whether 40-track or 80-track disks are required.
10-14

Beebkey

Tunbridge Wells: Compaid Trust
198-
BBC B; BBC Master 128 (Chip); BBC Master Compact (Chip or sideways RAM); £10.00 BBC Master 128 (sideways RAM); £5.00
Chip; or sideways RAM (Master Compact, Master 128)
Special educational needs; Utilities; Word processing; Spreadsheets; Computer programming

A chip based keyboard emulator, which, when plugged into the micro, allows one or two switch users to operate commercial wordprocessors and spreadsheets and do their own programming

BBC 80t 5.25" DFS disk (please specify if 40t required). Works with a One/Two switch box, or the two fire buttons of an analogue joystick

Beebug C

St. Albans: Beebugsoft Ltd

198-

BBC B; BBC Master 128; Master Compact; £59.00 (£44.25 members' discount price)

2 ROMs or 3.5" disk; library disk

Programming languages; Primary education; Secondary education; Sixth form education; Further education

A full implementation of the programming language C, including comprehensive library functions. Features include support for Acorn operating systems; power command line interpreter; expandable run-time library on disk; full macro-handling; debugging facilities; helpful error messages.

Runs on standard 32K BBC; 40/80t DFS and ADFS compatible; 3.5" Master Compact. Requires text editor or wordprocessor such as View; Wordwise; Interword etc.

5-16+

Beebug C stand alone generator

St. Albans: Beebugsoft Ltd

198-

BBC B; BBC Master 128; BBC Master Compact; £19.00 (£14.25 members' discount price)

Disk

Programming languages

An add-on to Beebug C which produces stand alone code and contains a number of trig functions, e.g. sin; cos; tan; log; ln; exp.

Beebug magazine

Beebug

St. Albans: Beebugsoft Ltd

1983)

BBC; BBC Master; £16.90

Annual Subscription Magazine

Dedicated entirely to BBC Micro and Master

3.5" or 5.25" disk available in addition to magazine

Beegraph

Stollerman, Dr. Ian

Newtown: Linear Graphics Ltd

1987

BBC B; BBC B+; BBC Master; £19.25

Disk

Computer graphics

Allows line graphs to be constructed rapidly, simply and accurately in line or scatter dot form. Menu driven. Final graph may be rescaled and annotated with labels and symbols. Includes tutorial section

Please specify software file format and type of Plotmate plotter

10+

Bees

See: Problems and investigations in the primary

school using the microcomputer as a resource : pack 1

Beginner's buggy pack with Lego buggy

Doncaster: RESOURCE

198-

BBC B; BBC Master 128; £78.50

3 disks; interface boards; connecting lead; Lego Buggy; test tracks; introductory booklet; 3 user guides

Computer studies; Control technology; Geometry; Primary education;

Allows the Lego buggy to be controlled using the BBC micro. Includes Buggy basic; Control Basic and Control-It - software specially configured for the buggy. Encourages children to investigate how a computer can control an external device, and related subjects - e.g. principles of geometry. LEA/Regional licences and bulk purchase discount available.

BBC B/Master 5.25" 40t DFS; 80t DFS available - £1.50 surcharge per disk

9+

Beginner's buggy pack without Lego buggy

Doncaster: RESOURCE

198-

BBC B; BBC Master 128; £50.95

3 disks; interface boards; connecting lead; documentation

Computer studies; Control technology; Geometry; Primary education

Allows the Lego buggy to be controlled using the BBC micro. Includes Buggy basic; Control Basic and Control-It - software specially configured for the buggy. Encourages children to investigate how a computer can control an external device, and related subjects - e.g. principles of geometry. LEA/Regional licences and bulk purchase discount available.

BBC B/Master 5.25" 40t DFS; 80t DFS available - £1.50 surcharge per disk.

9+

Beginners mini computer : BMC

Hatfield: Advisory Unit

198-

BBC B; BBC B+; BBC Master 128; BBC Master Compact; Econet; RML 380Z; RML 480Z; £20.00 RM Nimbus; IBM PC and compatibles; £22.00

Disk; booklet

Computer studies; Primary education; Secondary education

1 85606 000 4

A package emulating a simple 16 bit computer which comes with its own assembler. Glass-top option gives animation of the machine's instruction execution cycle. Bulk order discounts available.

Please specify machine version required.

7+

Beginners' guides 1-3

D'Silva, R.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1984

BBC B; £4.00

Disk

Computer studies; Secondary education; Computer programming; Authoring aids

Contains the programs used in the author's booklets "A beginner's guide to the BBC micro" "Further BASIC on the BBC micro" and "A beginner's guide to Assembler on the BBC micro".

Bell and Motor

Allchin, A.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1984

BBC B; £3.50

Disk

Physics; Sciences; Secondary education; Simulation

Contents: Bell (animated diagram of the simple bell showing the action of the make and break circuit); Motor (animated 3D diagram of the simple dc motor showing the rotating coil and commutator).

Benz

See: Vivid

Benzene

Bradley, G.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1984

BBC B; RM Nimbus; £4.00

Disk

Chemistry; Sciences; Secondary education; Simulation

Demonstration of the bromination of benzene by electrophilic substitution.

Bert Boot

Swansea: HS Software

1986

Electron; BBC B; BBC B+; BBC Master 128; (cassette); £4.95 BBC B; BBC B+; BBC Master 128; BBC Master Compact; Acorn Archimedes £6.95

Disk; booklet

Mathematics; Puzzles; Problem solving; Infant school education; Primary education; Computer games; Computer graphics

A game involving solving multiplication and division problems in 8 graded stages, with the help of 'Bert Boot', an intrepid insect squasher. Correct answers allow user to play an arcade type game 'Beat the Boots'.

Electron cassette; BBC cassette; BBC 40 or 80 disk; Master Compact 3.5" disk; Archimedes 3.5" disk

5-12

Best days of our lives

The Quaker Society; McConnell, John; Ollett, Keith; et al

Newcastle upon Tyne: Northern Micromedia

1987

BBC B; BBC Master; £12.00 BBC Master Compact; RM Nimbus (BBC Basic); £14.00

1 disk; 1 documentation booklet; 14 illustrated worksheets

English; Language; Personal and social education; Primary education; Secondary education; Communication; Simulation

A simulation of a week in a pupil's life at home and school, designed to stimulate discussion, lead to development of decision-making strategies and awareness of causal relationships

13+

Best four language

ASK (Applied Systems Knowledge); Stonier, Tom; Callaway, Gloria; et al

Wisbech, Cambridgeshire: esm
1985

BBC B; BBC B+; BBC Master 128; BBC Master Compact; £32.00

1 disk; 1 instruction booklet; 1 activity book; 2 work cards; 2 story books

Spelling; Reading skills; Language; English; Primary education;

Contents: Podd (100+ action words); Facemaker (words relating to parts of the face); Words words words (vocabulary relating to the immediate environment); Hide and seek (memory, observation, sequencing and ordering skills). Provides language activities for children learning to read and already reading independently. Encourages group activity. Programs available individually for BBC B; BBC B+ and BBC Master 128

BBC 5.25" disk; Compact 3.5" disk.

5-12

Best four maths

Thorne, Mike; Burton, Laurie; Stewart, Ian

Wisbech, Cambridgeshire: esm
198-

BBC B; BBC B+; BBC Master 128; BBC Master Compact; £32.00

Disk; activity book; puzzle books; workcards

Mathematics; Puzzles; Problem solving; Primary education;

Contents: Number Puzzler - encourages addition/subtraction accuracy; Table adventures - reinforces multiplication/division; Number painter - speeds up mental arithmetic; Squeeze - stretches the abilities of the more able. Programs available individually for BBC B, BBC B+, Master 128.

BBC 5.25" disk; Compact 3.5" disk.

5-11

Bezier

See: Graphics

Big Blob

See: Blob 1

Big calculator

Matson, Mike

Barnstable: 4mation Educational Resources
1987

BBC B; BBC B+; BBC Master; £18.50

11 disk; 1 documentation booklet; 1 function keypad; Concept keyboard A3 and A4 overlays

Mathematics; Primary education; Secondary education; Special educational needs

A useful tool to help children investigate calculators and to appreciate what they can and cannot do. A Switch operated version is available for use by those with severe physical handicap.

BBC disk (40t/80t or 3.5" ADFS)

5-Adult

Big match

Boyes, Rod

Bradford: Brilliant Computing
1989

BBC B; BBC B+; BBC Master; £15.00

40/80t; Disk; manual

Language; Preschool education; Infant school education; Special educational needs; Computer games; Mathematics

Touch screen matching/sequencing games, using groups of objects involving a farm; fruit bowl; car park; stacking shelves: Matching 1 (picking out one type of object from a group of others); Matching 2 (picking out two different objects from a group of others); Sorting 1 (picking up 2+ different objects and moving them to correct enclosures); Sorting 2 (sorting objects into sections); Short term memory games (user picks the odd-one-out from a previously memorised group); Sequencing (user moves objects from bottom line to match order of the top line).

BBC 40/80t 5.25" disk. Only works with Microvitec 501 touch screen.

3+

Bigger byte into control

Lewis, Tim

Sheffield: Pavic Publications
198-

BBC B; £50.00

Disk or cassette; interface board; teacher notes; worksheet

Sciences; Craft, design and technology; Control technology; General Certificate of Secondary Education; A level examinations; Secondary education; Sixth form education; Further education; Computer studies; Computer programming; Computer graphics

Enables the pupil to learn the skills needed to connect motors and input devices (e.g. light bulbs, solenoids) to the interface board and the programming skills to create control programs in BASIC. Graphics show the connection diagrams and illustrate the operation of the interface relays controlling light bulbs and motors. Can also accept up to 4 inputs from microswitches, light dependent resistors, reed switches or infra red opto devices

BBC 40t or 80t disk; BBC cassette

14-18

Birmingham

See: Touch games 1

Bike

Clwyd: Clwyd Technics Ltd

198-

BBC B; £7.50

Disk; pupil work sheets; teaching notes

Life skills; Infant school education; Primary education; Computer graphics

Contents: Bike 1 (turning right at a T-junction); Bike 2 (turning left at a T-junction); Bike 3

(turning left from a major road to minor road); each with 3 options - a graphic demonstration of the manoeuvre; an option requiring the user to place the actions involved in the manoeuvre in the correct order; an option in which the user guides the cyclist through the manoeuvre on screen using 3 keys for left; right; and forward movement. Available in English or Welsh

4-11

Bike insurance

Glasgow: Collins Educational

198-

Microspecial

BBC B; BBC B+; £20.00

Disk; documentation; teacher notes

Mathematics; Cross curriculum; Life skills; Puzzles; Problem solving; Special educational needs; Secondary education

A friendly, flexible program using a problem solving, structured approach, allowing teachers to design an individualised program, controlling difficulty level and altering data to suit requirements of pupils. Includes monitoring and assessment facility. Suitable for either individual or group use. Contained in Microspecial pack. Documentation available separately. Bulk purchases and site licences available - details from publishers.

11-15

Billiard

Chepstow: AVP Computing

198-

German programs with Willi Wunderbar

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £19.50 BBC Master Compact; £21.70 Acorn Archimedes; RM Nimbus; Amiga; £24.50 RM Nimbus Network; (up to 16 machines) £45.00; (up to 48 machines) £65.00 Econet; £58.50

Disk

German; Modern languages; Secondary education; General Certificate of Secondary Education

Presents multi-choice or type-in answer questions in billiards game format. 18 sets of questions are held on data files. Includes facility for user to write extra sets of questions.

Only specify 80t if you cannot use 40t disks

13-16

Bin

See: Secondary maths 3

Bingo

See: Games : disk 2

Binomial

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £19.50 Econet; £58.50

Disk

Statistics; Secondary education; Computer graphics

Four programs, with text and graphics, covering Binomial distribution, including normal and poisson as approximators; use of continuity correction; and Binomial as an approximator to

sampling with replacement, each with a wide choice of parameters

Only specify 80t if you cannot use 40t disks
12+

Binomial

See : A level maths with statistics

Binopo

See: Secondary maths 3

Biochemistry

Dolgellau: Science Education Software
198-

BBC B; BBC Master 128; Econet; £24.00 + VAT
RM Nimbus; £25.00 + VAT RM Nimbus
Network; £40.00 + VAT

Disk

Biology; Biochemistry; Chemistry; Sciences; A
level examinations; Sixth form education;
Secondary education; Simulation

Illustrates the main groups of biomolecules
found in living cells, and some of the important
reactions that they undergo. The programs form
an introduction to biochemistry for A level
biology and chemistry students

BBC 40t, 5.25" disk; BBC 80t, 5.25" disk; RM
Nimbus, 3.5" disk

16-19

Biochemistry and molecular biology collection

Garland, John M.

Plymouth: Garland Computing
1984

Biochemistry and molecular biology collection

BBC B; BBC B+; BBC Master 128; £41.50 RM
Nimbus; Acorn Archimedes; £44.90 Nimbus
network; £62.55 Econet; £59.15

Disk

Biochemistry; Biology; Secondary education;
Sixth form education; Further education;

Contents: Genetic code and mutation (shows the
nature of the genetic code; transcription and
translation processes and how mutations occur
as a result of alterations in the DNA base
sequence or structural changes in the
chromosome); DNA structure and replication (a
step by step familiarisation with DNA structure;
the process of semi-conservative replication and
enzymic events at the replication fork);
Glycolysis and TCA cycle (the conversion of a
glucose molecule to pyruvate by the reactions of
glycolysis, and the subsequent cycle reactions of
the TCA cycle; molecules may be labelled to
show the fate of different carbon atoms; speed
of reactions may be chosen by user). BBC
versions of programs available separately. Site
licences, multiple copy discounts available;
details from publisher

BBC 40 or 80t (please specify). RM Nimbus
versions supplied with BBC- BASIC

16+

Biochemistry and plant physiology pack

Harlow: Longman/Logotron

198-

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; Acorn

Archimedes; £44.00 BBC Econet; SJ file server;
AMCOM E-Net; RM Nimbus/Network; £66.00

Disk

Biochemistry; Botany; Environmental
education; Secondary education; Sixth form
education; Further education; Simulation

Contents: Metabolic pathways (simulation of
metabolic pathway with mutant strains of
Salmonella typhimurium); Transpiration (effects
of environment on plant water loss); Flowering
in soya bean (factors affecting flower initiation/
control of flowering by endogenous rhythms);
Limiting factors in photosynthesis (factors
limiting the rate of photosynthesis).

BBC 40t, 5.25" DFS disk; BBC 80t, 5.25" disk;
Archimedes compatible 3.5" disk; Nimbus/
Network 3.5" disk

14-19

Biochemistry of photosynthesis

Chepstow: AVP Computing

198-

BBC B+; BBC Master 128; £24.50

Disk

Biology; Secondary education; Sixth form
education; Further education; A level
examinations; Simulation

8 inter-related programs covering the various
stages of photosynthesis - light and dark stage
reactions. Helps to explain electron transport;
generation of ATP and NADPH₂; biochemistry
of carbon fixation; Calvin's lollipop experiment.

Only specify 80t if you cannot use 40t disks

16-18

Biographs

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £22.00

Disk

Sciences; Biology; Chemistry; Physics;
Secondary education; Sixth form education;
Further education; Information handling

A flexible data presentation and analysis package
with built in guidance and editing facility. A
standard data entry method allows different
presentations, analyses and manipulations to be
explored and modified, including formats for
direct plots, histograms, correlation analysis and
linear regression plots and transformations.

Only specify 80t if you cannot use 40t disks.

16+

Biological control

See: WSS biology pack 3

Biology class experiments: food energy, water content and hearing age

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; Electron
(BBC DFS); £17.50 BBC Master Compact;
£19.70 Acorn Archimedes; RM Nimbus; £24.50
RM Nimbus network; (up to 16 machines)
£45.00; (up to 48 machines) £65.00 Econet;
£52.50

Disk

Biology; Nutrition; Secondary education;
Computer graphics

3 programs to complement practical work, which

provide a graphical review of experiments to
find food energy of different foods; water content
of food; and hearing age of individuals. Allow
data to be collected, entered, and results to be
calculated and compared in tabular or block
diagrams

Only specify 80t if you cannot use 40t disks
13-16

Biology pack 1 : the eye and the ear

Chepstow: AVP Computing

198-

Digital anatomy

BBC B; BBC B+; BBC Master 128; Electron
(BBC DFS); £24.50 BBC Master Compact;
£24.50 Acorn Archimedes; £29.50 Econet;
£58.50

Disk

Biology; Secondary education; Sixth form
education; Further education; Computer
graphics

Diagrams showing the structure of the eye in
horizontal section: the sclerotic layer, the
structure of the choroid and retinal layers; the
retina, the eye musculature and position of the
lacrimal glands, image formation; how eye
defects can be corrected with lenses, etc. The
structure of the ear is shown by a series of
vertical sections illustrating the outer ear, the
middle ear and the inner ear

Only specify 80t if you cannot use 40t disks
14+

Biology pack 2 : teeth

Chepstow: AVP Computing

198-

Digital anatomy

BBC B; BBC B+; BBC Master 128; Electron
(BBC DFS); £24.50 BBC Master Compact;
£24.50 Acorn Archimedes; £29.50 Econet;
£58.50

Disk

Biology; Secondary education; Sixth form
education; Further education; Computer
graphics

Diagrams illustrating the arrangement and
structure of human teeth, jaw articulation and
main jaw musculature; the development and
eruption of permanent teeth and the progress
of tooth decay

Only specify 80t if you cannot use 40t disks
14+

Biology pack 3 : the skeleton

Chepstow: AVP Computing

198-

Digital anatomy

BBC B; BBC B+; BBC Master 128; Electron
(BBC DFS); £24.50 BBC Master Compact;
£24.50 Acorn Archimedes; £29.50 econet;
£58.50

Disk

Biology; Secondary education; Sixth form
education; Further education; Computer
graphics

Diagrams showing the structure of the skeleton
in front, side and rear view and the relationship
between the axial and appendicular skeleton.
Diagrams show the skull, vertebrae, ribs, girdle
and limbs.

Only specify 80t if you cannot use 40t disks
14+

Biology pack 4 : digestion

Chepstow: AVP Computing

198-

Digital anatomy

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £24.50 BBC Master Compact; £24.50 Acorn Archimedes; £29.50 Econet; £58.50

Disk

Biology; Secondary education; Sixth form education; Further education; Computer graphics

Diagrams of the alimentary canal and digestive organs; the structure of part of the fundus region of the stomach and a villus from the ileum; details of digestion and assimilation

Only specify 80t if you cannot use 40t disks

4+

Biology pack 5 : respiration

Chepstow: AVP Computing

198-

Digital anatomy

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £24.50 BBC Master Compact; £24.50 Acorn Archimedes; £29.50 Econet; £58.50

Disk

Biology; Secondary education; Sixth form education; Further education; Computer graphics

Diagrams showing a surface and vertical and transverse sectional views of the thoracic cavity, lungs and heart; the main blood supply to the lungs; the structure of a single alveolus, the mechanism of gaseous exchange within the alveoli; the processes of inspiration and expiration

Only specify 80t if you cannot use 40t disks

4+

Biology pack 6 : blood circulation

Chepstow: AVP Computing

198-

Digital anatomy

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £24.50 BBC Master Compact; £24.50 Acorn Archimedes; £29.50 Econet; £58.50

Disk

Biology; Secondary education; Sixth form education; Further education; Computer graphics

Diagrams showing the position of the main arteries and veins, building up a complete picture of the circulatory system; the direction of blood flow and blood supply to main organs; the structure of the heart in surface and vertical section view. Diastole and systole is also illustrated

Only specify 80t if you cannot use 40t disks

4+

Biology pack 7 : the lymphatic system

Chepstow: AVP Computing

198-

Digital anatomy

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £24.50 BBC Master Compact; £24.50 Acorn Archimedes; £29.50 Econet; £58.50

Disk

Biology; Secondary education; Sixth form education; Further education; Computer graphics

Diagrams illustrating the position of the main lymph nodes and lymph vessels in the body and a simplified diagram showing the structure and functioning of a single lymph node

Only specify 80t if you cannot use 40t disks

14+

Biology pack 8 : excretion

Chepstow: AVP Computing

198-

Digital anatomy

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £24.50 BBC Master Compact; £24.50 Acorn Archimedes; £29.50 Econet; £58.50

Disk

Biology; Secondary education; Sixth form education; Further education; Computer graphics

Diagrams illustrating kidney position, structure and function; structure and function of a single glomerulus and uriniferous tubule

Only specify 80t if you cannot use 40t disks

14+

Biology pack 9 : endocrine glands and the skin

Chepstow: AVP Computing

198-

Digital anatomy

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £24.50 BBC Master Compact; £24.50 Acorn Archimedes; £29.50 Econet; £58.50

Disk

Biology; Secondary education; Sixth form education; Further education; Computer graphics

Series of diagrams showing the position of the main endocrine glands; indicating the main hormones produced by them; showing the different layers of skin in vertical section and the structures present in the skin

Only specify 80t if you cannot use 40t disks

14+

Biology pack 10 : muscles and joints

Chepstow: AVP Computing

198-

Digital anatomy

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £24.50 BBC Master Compact; £24.50 Acorn Archimedes; £29.50 Econet; £58.50

Disk

Biology; Secondary education; Sixth form education; Further education; Computer graphics

Diagrams showing the structure of typical synovial joints in simplified vertical sections, through hinge and ball and socket joints; how

Educational Software BIO - BIO

the antagonistic muscles of the forearm allow movement of the upper arm

Only specify 80t if you cannot use 40t disks

14+

Biology pack 11 : the nervous system

Chepstow: AVP Computing

198-

Digital anatomy

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £24.50 BBC Master Compact; £24.50 Acorn Archimedes; £29.50 Econet; £58.50

Disk

Biology; Secondary education; Sixth form education; Further education; Computer graphics

Diagrams showing the main nerves of the body; the structure of the brain in lateral view and from above and below; the simplified structure of motor, sensory and multipolar neurones; transverse section through the spinal cord to show the main regions of cord and the simplest nerve connections for a reflex action

Only specify 80t if you cannot use 40t disks

14+

Biology simulations

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £19.50 BBC Compact; £21.70 RM Nimbus; IBM PC and compatibles; £24.50 RM Nimbus network; (up to 16 machines) £45.00; (up to 48 machines) £65.00 Econet; £58.50

Disk

Biology; Ecology; Secondary education; Sixth form education; Further education

Allows pupils to plan investigations, record, display and interpret data and to experience experimental situations difficult in practice in the classroom. Contents: Plant mineral requirements; Metabolism; Quadrant sampling in ecology; Population genetics.

Only specify 80t if you cannot use 40t disks

14+

Biomass

See: Ecology pack

Bioview

London: King's College, Chelsea

1989

RM Nimbus; IBM PC RM Nimbus network; IBM PC network

1 disk, 1 booklet

Sciences; Biology; Secondary education; Further education; Databases; Statistics

Bioview is a three dimensional database for storing and analysing biological information which involves three or four related factors. Graphs can be stored to make comparisons easy and simple statistics are also provided.

Requires machines with high processing and storage facilities; Bioview may be used at the same time as other programs which run under MS Windows.

14-19

BBC 40 or 80t (please specify)
13-16+

Blood sugar

See: Animal physiology pack

Blue file software : Vol. 1

Oldham: NCET/MESU, North West SEMERC
198-

Blue file

BBC B;

Special educational needs; Primary education

Contents: A4 concept keyboard overlay kit; Alan Nixon's keyboard input programs; Alan Nixon's single input programs; The animal pack; Buttons; Catchup : picture reading scheme; Chatter; Click; Cook beans on Toast; Dress boy and girl; Hot & cold; Intro tray / create; Intro tray / concept; logotext; Melogo; Moving in; Screen thief; Scenario designer; Sid & Mike; Talking about numbers

Boat

See: Basic package

Boat hull design

Jynn, Ian; Pettit, Gwyneth; Johansson, Paul
Jdey: Academic Software

1986

BBC B; BBC B+; BBC Master; £24.00 (educ) or site/LEA license

Disk; booklet

Craft, design, technology; Design; Adventure simulation; Secondary education

An island-adventure package combining 3D design and computer-controlled hull testing with the study of woodworking techniques and timber properties

80t d/s disk; or 40t s/s disk

11-14

Bobby

See: Evidence

Body processes and the fate of protein

Rogers, W.G.; Devereux, S.V.

Plymouth: Garland Computing

1984

Human biology : collection 2

BBC B; BBC B+; BBC Master 128; £13.85 Econet; £31.50

Disk

Biology; Home economics; Secondary education; Sixth form education; Further education

Uses events in protein digestion and excretion of nitrogenous compounds to show inter-relationships of body processes. Contained in Human biology : collection 2. Site licences, multiple copy discounts available; details from publisher

BBC 40 or 80t (please specify)

13-16+

BodySize

Oadby, Leicester: Howard Freeman

198-

Apple Macintosh; £17.00

Disk

Sciences; Biology; Secondary education

A HyperCard stack allowing users to enter details of age, height, sex and weight and discover facts about their own body such as amount of saliva and bile produced; amount of air breathed; weight of faeces; amount of iron in body. A useful resource for relating effects of height, and other factors, on bodily processes.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Bomber

See : Ballistics and pendulum

Bombers

See Arcade challenge, Brilliant Computing

Bonaccord

Farrington, Brian

London: Wida Software Ltd

BBC B; £35.00 Network/Site licence; £70.00

French; Secondary education; Further education; A level examinations

1850051372

A semi-intelligent teaching system for guided translation from English to French

16+

Bonecruncher

Cambridge: Acornsoft

BBC B; BBC B+; BBC 128K B+; BBC Master 128; BBC Master Compact (40/80t); £11.95 BBC B; BBC B+; BBC 128K B+; BBC Master 128; BBC Master Compact (3.5"); £14.95

Disk; booklet

Puzzles; Problem solving; Computer games; Primary education

User has to help Bono solve puzzles preventing him from collecting the bones he needs to make soap for his bathing service for giant monsters, so keeping his customers happy.

40/80t disk; 3.5" disk

5+

Book builder

Swansea: HS Software

1988

BBC B; BBC B+; BBC Master 128; BBC Master Compact; £14.95

Disk; manual

Language; English; Creative writing; Primary education; Desktop publishing

Allows children (or teachers) to construct colourful animated stories, which can be saved on disk, displayed on screen, or printed to an Epson compatible printer. Includes picture maker, page maker, book maker, page reader, formatter facilities, together with "design grids" to help create pictures, demonstration pages, and over 40 pictures for use in user's own pages and books.

BBC 40 or 80t disk; Master Compact 3.5" disk
7-12

Bookings and reservations

London: ITV Schools

198-

BBC Master 128; £26.25 RM Nimbus; £27.8

Business education; Secondary education; Data processing; Computer graphics

Can be used in a variety of ways to develop business awareness. Graphics package allows seats to be booked on screen. Associated ITV Schools programme: I.T.

BBC 5.25", ADFS

Booklist

Dewhurst, D.; Brown, G.

Sheffield: Pavic Publications

198-

Sheffield Bio Science programs

BBC B; £19.95

Disk or cassette; manual

Information handling; Databases; Library administration

A catalogue system for books, with ready-made card layout allowing immediate record entry. Stores up to 300 references on 40t, 600 references on 80t disk. Data may be transferred to word processing programs, e.g. View, Wordwise. Includes built-in printer-driver routine. Prints to Epson compatible printer
BBC 40t or 80t disk; BBC cassette

Books and software for GCSE

Brighton: Spartacus Educational Software
198-

BBC; £54.00 (15% discount if cheque enclosed with order)

Disk; documentation

History; Secondary education; General Certificate of Secondary Education

Contents: Cause and Consequence; President elections; Russian Revolution; Wall Street; Escape from Bremerhaven; Keywords. Programs available individually.

11-16

Boolean logic

Palles-Clarke, M.

Doncaster: RESOURCE

198-

BBC B; BBC Master 128; £6.50

1 disk; 1 instruction sheet

Mathematics; Sciences; Primary education; Secondary education

Programs to develop logical thought. LEA/Regional licences and bulk purchase discounts available

BBC 5.25" 40t DFS disk. 80t DFS available - surcharge of £1.50 per disk

7+

Bordar's daughter

Io Software; Dary, John; Holst, Tristen

Gravesend: Fernleaf Educational Software Ltd
1986

BBC B; BBC B+; BBC Master; (disk) £11.26
BBC B (cassette); £8.65
40; 1 disk or cassette; 1 documentation booklet
History; Primary education; Secondary
education; Puzzles; Problem solving

Contained in Norman England. The border's
daughter wants to marry a Norman soldier. Her
father finds the soldier, attacks him and flees to
the next village. His daughter must find him
before the knight finds out

8-12

Borealis

Delmonte, Ellis; Hall, Steve

London: Aurora Educational Software
1990

RM Nimbus; £39.00 RM Nimbus network;
£99.00

Disk; manual

Art; Design; Craft, design, technology;
Computer assisted design

A fast, compact paint program: features include
single logical user-definable menu with text or
icon display; multiple canvases; full screen
pictures; full range of drawing nozzles;
continuous lines, fast drawn rays; multiple line
styles; ellipses and polygons; comprehensive
brush functions; huge range of colour and
pattern combinations; pattern editor; blending
and tinting, symmetrical reflection facility;
extensive text design; font editor; zoom function;
screen animation. Fully mouse driven

RMMLP (Paintspa) Pictures, Integrex, Epson
drivers (more forthcoming)

Borealis junior

Delmonte, Ellis; Hall, Steve

London: Aurora Educational Software
1990

RM Nimbus 512k; £19.00 RM Nimbus
Network; £47.50

Disk; manual

Art; Design; Craft; Technology; Computer
assisted design; Primary education; Special
educational needs

Borealis junior is a simplified version of the
standard Borealis art and design software tailored
for special schools and the infant/primary age
range. It offers a reduced selection of the
facilities, but uses the same operational
technique. There is a single work screen with
basic drawing and painting options, plus
symmetrical design and colour cycling for
attractive effects. The menu is displayed using
large lettering or colourful pictures. To prevent
misuse, printing, menu selection and exiting the
program are not available through the menu
itself, but through secret key combinations

RMMLP (Paintspa) compatible. Integrex, Epson,
Canon drivers (more forthcoming)

99

Bottles

See: Teaching with a micro : maths 2

Boulogne and Oh-Les

Hepstow: AVP Computing

98-

BBC B; BBC B+; BBC Master 128; BBC Master
compact; £24.50 Econet; £51.00 RM Nimbus;
£24.50 RM Nimbus Network; (up to 16
machines) £45.00 (up to 48 machines) £65.00

Disk

French; Modern languages; Secondary
education; Sixth form education; Further
education; Computer games; Computer
graphics; Adventure simulation

Two programs for French beginners - one a
training/testing program for French articles; the
other a language learning adventure game
simulating a day trip to Boulogne.

Only specify 80t if you cannot use 40t disks

11+

Bounce

See: Videomaths 2

Bounce

See: Fun school for 6-8 year olds

Bounce-a-ball

See: Arcade 3

Box of treasures

Matson, Mike

Barnstaple: 4mation Educational Resources
1985

BBC B; BBC B+; BBC Master; £27.50

2 disks; 1 audio tape; six booklets; help cards

Cross curriculum; Adventure simulation;
Puzzles; Problem solving; Computer graphics;
Creative writing; Primary education; Secondary
education; Simulation

Can be used as the core of a lengthy project on
the theme of boxes, or the individual items may
be used independently for many curriculum
related activities. Contents: The box of treasures;
Create; Blank; Make a box; Box draw.

BBC disk (40t)/80t/3-5 ADFS

7-12

Box office : a bookings and reservations package

GSN Software; Nixon, Brian

Ashton-under-Lyne: Granada Educational
Software

1990

BBC Master 128; Econet 2; Econet 3; £26.25
RM Nimbus; RM Nimbus network; £27.85

Disk; manual; datasheets; data disk

Cross curriculum; Business education;
Mathematics; Secondary education; Further
education; Computer graphics

Associated with the I.T. TV series, but can be
used independently. An open ended bookings
package which allows the user to specify
matching criteria and create appropriate data
formats. Includes graphics package to allow
space booked to be shown on screen.

Disk (40t). Keyboard or mouse driven.

11-16+

Boxes

See: Count, Tiles, Shape, Boxes, Sequences,
Blocks 1 & 2, Clock, Stats and Logic 1.

BP energy file

BP Educational Service; Randall, Ken V.;
Hawley, Alan; Lynch, M.R.

Educational Software BOR - BRA

London: BP Educational Service

1985

BBC B; BBC B+; BBC Master; BBC network;
RML 480Z; IMB PC; RM Nimbus; £11.95

2 disks; 1 program notes; 1 tutor's guide;
worksheets 1-6; 1 reference sheet; 1 forecasting
sheet

Business education; Economics; Geography,
Statistics; Chemistry; Secondary education;
Further education; Databases

0861651073

A pack which aims to provide the teachers and
lecturers with a database of the most up-to-date
statistics on world energy. The BP Energy File
provides tabular and graphical data on oil, gas,
coal, hydroelectric and nuclear power for the
last 12 years and for 34 countries and regions,
including totals of the world. In addition, the
program provides a series of ten comparative
files which give the most recent figures for
energy usage for 15 countries and regions. An
annual updating is available for data disk

14-18

BPES electronic catalogue

BP Educational Service

London: BP Educational Service

1985

RML 480Z; RML 380Z; £4.75

2 discs, d/d; 1 keyword list; 1 user's guide

Sciences; Biology; Geography; Chemistry;
Industry; Databases; Cross curriculum;
Secondary education; Further education

0861651138

This is a computer based catalogue of the
resource materials and films from BP
Educational Service (BPES) giving full
descriptions. Useful for cross curricular projects.
Based on the SIR (Schools Information and
Retrieval) suite of programs.

RML 480Z with 56K memory is required; RML
380Z needs 2.2 of CP/M

11-18

Braille cell display

See: Braille display

Braille cell test

See: Talking Braille cell

Braille display

RCEVH (Research Centre for the Education of
the Visually Handicapped)

Oldham: Northwest SEMERC

198-

BBC B; BBC B+; BBC Master 128; £7.00

Disk; documentation

Special educational needs; Life skills; Infant
school education; Primary education; Secondary
education

For learners of braille with some sight, and
sighted teachers of braille. Gives partially
sighted learners being introduced to braille
visual feedback of cells as they are brailled.
Contents: Braille cell display; Braille key display
(present single braille cell on screen
corresponding to keys pressed on Perkins or BBC
keyboard); Two cells display (shows a pair of
braille cells, enabling Grade II Braille
contractions to be presented; Braille spy (can be
used by a sighted teacher to monitor learner's
use of braille).

Adapted Perkins Braille (Spragg or Clywd) optional
5+

Braille key display

See: Braille display

Braille spy

See: Braille display

Braille to text

RCEVH (Research Centre for the Education of the Visually Handicapped)

Oldham: Northwest SEMERC

198-

BBC B; BBC B+; BBC Master 128; £7.00

Disk; documentation

Special educational needs; Life skills; Infant school education; Primary education; Secondary education; Further education; Adult education

For visually handicapped people who need to have Braille put into print for sighted colleagues, etc. Enables someone working in grade II Braille to produce print copy on text printer. Braille to be translated must be entered into a file (if Perkins not available, it is possible to use the 6 keys on the keyboard).

Input via Versabrilite or Brailink or adapted Perkins braille or BBC keyboard.

5+

Brain drain

See: Family favourites

Branch

Oxfordshire County Council, Computer Education Unit

Wheatley, Oxfordshire: Oxfordshire County Council, Computer Education Unit

1984

RM Nimbus/Network; £20.00 RML 380Z/480Z/Network; £20.00

Disk; 1 documentation booklet

Databases; Primary education; Secondary education; Sixth form education; Further education; Information handling; Binary trees; Decision making; Language development

A program for classifying/identifying objects using a binary tree system. As well as facility to classify chosen objects, the program includes datafiles on fruit; rocks; characters in Roger Redhat. Bulk discounts/LEA licences available. Extra copies of booklet available; £3.00

RM Nimbus/Network 3.5" disk; RML s/d 5.25" disk for RM 480Z L4 or L5 with disks or on network; RM 380Z with disks, 56K memory and high resolution graphics.

4-18

Branch

See: Information handling pack

Breakout

See Arcade challenge, Brilliant Computing

Breaktime games

Boyes, Rod

Bradford: Brilliant Computing

1989

BBC B; BBC B+; BBC Master; £15.00

40/80; Disk; manual

Computer games; Puzzles; Problem solving; Infant school education; Primary education; Special educational needs; Occupational therapy; Recreation

6 standard board games for use with 2 switches, designed for use by physically disabled people. Contents: Dominoes; Draughts; Chinese checkers; Solitaire; Nim; 9 men's morris.

BBC 5.25" disk; 40/80; works with keyboard (shift lock and copy keys); 2 simple switches (e.g. block switches) and interface box; joystick, other simple switches.

6+

Break-even

Harlow: Longman Micro Software

198-

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; Acorn Archimedes; £19.50 BBC Econet; SJ file server; AMCOM E-Net; £30.00

Disk

Economics; Business education; Secondary education

Provides for the analysis of the financial effects of business decisions, using examples of running a disco and operating a bus company. Option for students to enter own business case studies.

BBC 40t, 5.25" DFS disk; BBC 80t, 5.25" disk; Archimedes compatible 3.5" disk

14-16

Brick up

See: Microprimer software pack 3

Bridge building

Howard, Geoffrey; Collinson, James; Hennessy, Anne et. al

Harlow: Longman/Logotron

1987

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; Acorn Archimedes; £21.00

1 disk; 1 teachers' booklet; 1 students' booklet

Sciences; Physics; Engineering; Secondary education

0582015839

A program to help students understand factors involved in design of bridges - beam, Warren and arch bridges

BBC 40t, 5.25" DFS; Archimedes compatible 3.5" disk

11-16

Bridge of words

See: Laser letters

Bridges

Dary, J.

Gravesend: Fernleaf Educational Software Ltd

Thinking mathematically : series 1

BBC B (disk); £11.26 BBC B (cassette); £8.65

Disk or cassette

Mathematics; Primary education; Puzzles; Problem solving; Computer games

Contained in Arithmetic plus. Designed for by small groups of children. A strategy game with the object of building a bridge across a river. Provides addition/subtraction practice correct answers allow sectors of the bridge to be placed using co-ordinates. Two options available, each using a different strategy

7-11

Briefing sheets

Coventry: NCET/MESU

1990

Apple Macintosh; £50.00

4 disks

Primary education; Secondary education; Special educational needs

A series of pamphlets providing a reference resources and information for teachers of pupils with special needs. Each sheet covers one aspect of special need and provides details of device systems and software which have proved useful. Also listed on the SEND database through Prestel, and on NERIS, and can be purchased as pamphlets (£7.50). Licensing agreements for large bulk orders: details from publishers

Britain and crime

Norwich: ITV Schools

1990

A socio-demographic atlas of the United Kingdom; Key datafiles

BBC B; BBC B+; BBC Master 128; £18.40 Nimbus; £18.40 Acorn Archimedes; details be announced

Disk; Teacher's documentation; Worksheets Information sheets

Mathematics; Statistics; Geography; Personal and social education; Secondary education; Information handling; Cross curriculum

Datafile for use with Key. Based on the British Crime Survey, which gathered information about people's experience of and their attitude to crime. Pupils investigate how the data is collected and assessed and the ways in which it is used, e.g. by insurance companies, security firms, town planners etc.

BBC, 5.25" DFS; Converts for Key 128 or £ Econet

13-18+

Britain in the age of total war

Crozier, A.J.

Bangor: Akadimias

198-

Tutor series : British and European history

BBC B; BBC Master 128; Econet levels 2 & Acorn; RM Nimbus PC 186; RM Nimbus A series; Nimbus network; Amstrad 6128 & PC IBM PC compatible; £25.00 (includes site licence for up to 10 terminals)

Disk; study booklet; reading list

History; Secondary education; Sixth form education; Further education; A level examinations

A program to test student knowledge with questions in a multiple choice format, in either a random or sequential order, and with variable user selectable time-bases against which the test may be taken. Facilities for revision; sequential random test modes; with four time based skill levels in each test mode. Topics are: the Great War

War; Baldwin and peace; Labour and the Slump; protection and recovery; foreign affairs; global war; the Labour majority; the end of the empire; the age of Wilson; the end of an era. Discounts available: details from publisher.

BBC 40 or 80t disk (please specify). Acorn DFS & ADFS; RM Nimbus 3.5" disk; Amstrad disk; IBM PC 5.25" or 3.5" disk (please specify).
16+

Britain today

Glasgow: CDG (Scotland) Ltd

11990

BBC B; BBC B+; BBC Master 128; £15.50
Acorn Archimedes; A3000; IBM PC (EGA/
ECD); RM Nimbus; £21.50

Geography; Sociology; Statistics; Data
processing; Information handling; Secondary
education; General Certificate of Education
11853951161

A regional examination of Britain in areas of
population - numbers, distribution, density, age,
structure; vital statistics - birth/marriage/death/
illegitimacy rates, health; various - housing,
household sizes, poll tax rates, education,
employment, unemployment and earnings.
Discounts available for bulk purchases

40t or 80t

112-18

Britain 1801

Glasgow: CDG (Scotland) Ltd.

1198-

BBC B; BBC B+; BBC Master 128; £15.50
Acorn Archimedes; IBM PC; RM Nimbus;
£21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

History; Databases; Secondary education; Sixth
form education

11853950750

A comparative, county-based analysis of
England, Scotland and Wales in terms of data
covering population; employment; and housing,
with data for each nation collated separately to
permit individual study, and each county also
represented. Structured modular work units
accommodate all ability levels; integrate
computer procedures and assist in the
acquisition of knowledge and understanding,
developing enquiry, evaluation and analysis
skills, etc. Optional Epson compatible screen
dump (BBC/Nimbus only) available - £7.50
(BBC); £13.50 (Nimbus). Discounts available
for purchase of any two or more datapacks -
details from publishers

Please state format required: BBC 40 or 80t disk;
IBM PC (EGA/ECD only)

112-18

Britain 1851 : human condition

Glasgow: CDG (Scotland) Ltd.

1198-

BBC B; BBC B+; BBC Master 128; £15.50
Acorn Archimedes; IBM PC; RM Nimbus;
£21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

History; Databases; Secondary education

118170307798

A study of the physical condition of the British
population in terms of blindness, deafness, age
infirmary, insanity, imprisonment and
workhouse inmates. Includes two special studies
on hospital and workhouses. Data for each
nation has been collated separately to allow

individual study; each county is also represented.
Structured modular work units accommodate all
ability levels; integrate computer procedures and
assist in the acquisition of knowledge and
understanding developing enquiry, evaluation
and analysis skills, etc. Optional Epson
compatible screen dump (BBC/Nimbus only)
available - £7.50 (BBC); £13.50 (Nimbus).
Discounts available for purchase of any two or
more datapacks - details from publishers

Please state format required: BBC 40 or 80t disk;
IBM PC (EGA/ECD only)

112-16

Britain 1851 : national overview

Glasgow: CDG (Scotland) Ltd.

1198-

BBC B; BBC B+; BBC Master 128; £15.50
Acorn Archimedes; IBM PC; RM Nimbus;
£21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

History; Databases; Secondary education; Sixth
form education; Adult education

1187030778X

An analysis of England, Ireland, Scotland and
Wales, in terms of population; employment;
housing; and emigration. Data for each UK
nation has been collated to allow separate study;
each county in each nation is represented and
can be identified separately. Structured modular
work units accommodate all ability levels;
integrate computer procedures and assist in the
acquisition of knowledge and understanding,
developing enquiry, evaluation and analysis
skills, etc. Optional Epson compatible screen
dump (BBC/Nimbus only) available - £7.50
(BBC); £13.50 (Nimbus). Discounts available
for purchase of any two or more datapacks -
details from publishers

Please state format required: BBC 40 or 80t disk;
IBM PC (EGA/ECD only)

112-19

Britain 1881 : the workshop legacy

Glasgow: CDG (Scotland) Ltd

BBC B; BBC B+; BBC Master 128; £15.50
Acorn Archimedes; A3000; IBM PC (EGA/
ECD); RM Nimbus; £21.50

History; Secondary education

11853951129

A collated, county-based analysis of Britain. The
data includes population (numbers, distribution,
densities, age structure, male/female balance);
employment (in agriculture, construction, coal,
cotton, domestic service, engineering, iron,
linen, pottery, rail, roads, shipbuilding,
waterways, wool); housing (stock, densities,
distributions, value, availability and vacancy
rates)

112-19

Britain 1914

Glasgow: CDG (Scotland) Ltd.

1198-

BBC B; BBC B+; BBC Master 128; £15.50
Acorn Archimedes; IBM PC; RM Nimbus;
£21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

History; Databases; Secondary education; Sixth
form education

11853950366

A comparative county analysis of England,
Ireland, Scotland and Wales on the eve of World
War One, based on a comprehensive set of data
covering population; employment; housing and

empire. Data for each UK nation and imperial
area has been collated to permit separate study.
Each county and colony is represented and can
be identified separately. Structured modular
work units accommodate all ability levels;
integrate computer procedures and assist in the
acquisition of knowledge and understanding,
developing enquiry, evaluation and analysis
skills, etc. Optional Epson compatible screen
dump (BBC/Nimbus only) available - £7.50
(BBC); £13.50 (Nimbus). Discounts available
for purchase of any two or more datapacks -
details from publishers

Please state format required: BBC 40 or 80t disk;
IBM PC (EGA/ECD only)

114-18

Britain 1931 : the depression

Glasgow: CDG (Scotland) Ltd

BBC B; BBC B+; BBC Master 128; £15.50
Acorn Archimedes; A3000; IBM PC (EGA/
ECD); RM Nimbus; £21.50

History; Secondary education; Further
education

11853951137

A comparative, county-based analysis of
England, Wales and Scotland in terms of
population, employment and housing

112-19

Britain 1951 : the post war situation

Glasgow: CDG (Scotland) Ltd

BBC B; BBC B+; BBC Master 128; £15.50
Acorn Archimedes; A3000; IBM PC (EGA/ECD); RM
Nimbus; £21.50

History; Secondary education; Further
education

11853951145

A comparative, county-based analysis of
England, Wales and Scotland in terms of
population, employment and housing

112-19

Britain 3D physical landscape

Glasgow: CDG (Scotland) Ltd.

1198-

3D physical landscapes

BBC B; BBC B+; BBC Master 128; £15.50
Acorn Archimedes; IBM PC; RM Nimbus;
£21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

Geography; Databases; Secondary education

Designed to take advantage of the potential of
the Three Dimensional suite. Deals with
national aspects of landuse, population, rainfall,
relief, rocks, and temperature. Structured
modular work units accommodate all ability
levels; integrate computer procedures and assist
in the acquisition of knowledge and
understanding, developing enquiry, evaluation
and analysis skills, etc. Optional Epson
compatible screen dump (BBC/Nimbus only)
available - £7.50 (BBC); £13.50 (Nimbus).
Discounts available for purchase of any two or
more datapacks - details from publishers

Please state format required: BBC 40 or 80t disk;
IBM PC (EGA/ECD only)

112-16

British government model

Glasgow: CDG (Scotland) Ltd.

198-

BBC B; BBC B+; BBC Master 128; £15.50
Acorn Archimedes; IBM PC; RM Nimbus;
£21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

Sciences; Sociology; Databases; Secondary
education

1870307429

A concept model covering the ideas of balance of power; opposition and government. Charts changes in the balance of power from 1929 to 1987. Includes a model for election and polling procedures. Structured modular work units accommodate all ability levels; integrate computer procedures and assist in the acquisition of knowledge and understanding, developing enquiry, evaluation and analysis skills, etc. Optional Epson compatible screen dump (BBC/Nimbus only) available - £7.50 (BBC); £13.50 (Nimbus). Discounts available for purchase of any two or more datapacks - details from publishers

Please state format required: BBC 40 or 80t disk; IBM PC (EGA/ECD only)

12-14

British history 1714-1815

Crozier, A.J.

Bangor: Akadimias

198-

Tutor series : British and European history

BBC B; BBC Master 128; Econet levels 2 & 3;
Acorn; RM Nimbus PC 186; RM Nimbus AX
series; Nimbus network; Amstrad 6128 & PCW;
IBM PC compatible; £25.00 (includes site
licence for up to 10 terminals)

Disk; study booklet; reading list

History; Secondary education; Sixth form
education; Further education; A level
examinations

A program to test student knowledge with questions in a multiple choice format, in either a random or sequential order, and with various user selectable time-bases against which the test may be taken. Facilities for revision; sequential, random test modes; with four time based skill levels in each test mode. Topics are : society and economy; politics and government; Walpole; rise and fall of empire; radicals and reformers; the industrial revolution; Pitt the younger; India and Ireland; the French revolution; war. Discounts available: details from publisher

BBC 40 or 80t disk (please specify). Acorn DFS & ADFS; RM Nimbus 3.5" disk; Amstrad disk; IBM PC 5.25" or 3.5" disk (please specify).

16+

British housing study

Glasgow: CDG (Scotland) Ltd.

198-

BBC B; BBC B+; BBC Master 128; £15.50
Acorn Archimedes; IBM PC; RM Nimbus;
£21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

Sciences; Sociology; Databases; Secondary
education; Sixth form education

1853950807

A regional profile of housing in terms of numbers, age, amenities, home ownership, local authority rental, private rental, public and private house construction, house prices, homelessness, mortgage loans and applications. Structured modular work units accommodate all ability levels; integrate computer procedures and assist in the acquisition of knowledge and understanding, developing enquiry, evaluation and analysis skills, etc. Optional Epson

compatible screen dump (BBC/Nimbus only)
available - £7.50 (BBC); £13.50 (Nimbus).

Discounts available for purchase of any two or
more datapacks - details from publishers

Please state format required: BBC 40 or 80t disk;
IBM PC (EGA/ECD only)

14-18

British population study

Glasgow: CDG (Scotland) Ltd.

198-

BBC B; BBC B+; BBC Master 128; £15.50
Acorn Archimedes; IBM PC; RM Nimbus;
£21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

Geography; Databases; Secondary education

1870307259

A regional profile interms of population; social class; education and country of origin. Structured modular work units accommodate all ability levels; integrate computer procedures and assist in the acquisition of knowledge and understanding, developing enquiry, evaluation and analysis skills, etc. Optional Epson compatible screen dump (BBC/Nimbus only) available - £7.50 (BBC); £13.50 (Nimbus). Discounts available for purchase of any two or more datapacks - details from publishers

Please state format required: BBC 40 or 80t disk;
IBM PC (EGA/ECD only)

12-16

Bromine diffusion

See: Physics software pack 1

Brother system 90

Thompson, Nigel

Clwyd: Clwyd Technics Ltd

1990

IBM PC compatibles with dual/hard drive and
Brother 940, 950, knitting machines; £280.00

Disks; interface

Art; Craft; Design; Computer assisted design

Uses the design capacity of a PC to create
designs, import files from other Art packages
(PCX format), create designs of up to 4 colours
per row

Minimum requirement of PC : EGA screen,
dual or hard drive

11-16+

Brush

Hatfield: Advisory Unit

1986

RM Nimbus; £15.00

1 disk; manual

Art; Design; Craft, design, technology;
Geometry; Primary education; Computer
graphics

0946039631

Mouse-driven drawing package which is able to
reconstruct a picture from a set of stored
instructions. Contains a built-in font editor and
supports geometric and draughting applications
as well as art work. Includes the ability to save
a picture image for recall. Can be used with
screens from Scribe Modeller.

7+

BStar

Fisher-Marriott

Houghton-on-the-Hill, Leicester: MUSE
(Microcomputer Users in Education)

1983

BBC B; RM Nimbus; £5.00

Disk

Mathematics; Primary education; Computer
games

A game to practise simple number bonds, find
a sky rocket at the correct answer.

Budget

See: Miscellany 1

Budgeting

See : Earning, spending, banking and budget

Budokan : the martial spirit

Langley, Nr. Slough: Electronic Arts Ltd

198-

PC; £24.99

Disk

Computer games; Computer graphics

Allows user to master the ways of authentic
Japanese/Okinawan martial arts - Karate,
Kendo, Bo and Nunchaku, participating in d
martial arts tournament at the Budokan, mee
over 10 great masters of art forms. Unique
joystick interaction allows over 30 martial art
techniques per art form.

Supports graphics up to VGA; also available i
3.5" disk for PC.

Buffer module

Northwich: Clares Micro Supplies

198-

Acorn Archimedes; £19.95

Disk; manual

Utilities; Information handling; Computer
studies

Provides buffers for the printer, serial input &
serial output, with each buffer able to be
configured from 256 bytes up to 1 Mb. Allow
user to continue working on computer while
data is being printed

3.5" disk; compatible with all Archimedes, bu
needs 0.5 Megabyte free in machine

Bug hunter

See: Bug hunter and Moon dash

Bug hunter and Moon dash

Exeter: Minerva Software

198-

Games

Acorn Archimedes; £17.95

Disk

Computer games; Puzzles; Problem solving;
Primary education; Secondary education

Contents: Bug hunter (a sx inch bi-ped with a
large mouth and a dislike for insects has to sh
its value as an insect exterminator); Moon das
(user testing a new planet ranger ship finds ra

out of action and has to get back to warn the city of the impending attack from the aliens)
RISC OS compatible
5+

Bugchase

See: Games package

Bughunt

London: ITV Schools
198-
BBC B; BBC B+; BBC Master 128; £28.75
1 disk
Sciences; Problem solving; Secondary education; Information handling
Extends skills in data handling, problem solving and decision making. Pupils act as Health Officers, seeking links between outbreaks of illness in order to establish the origin. Also contained in: Scientific eye (price £28.75). Associated ITV Schools programme: Scientific eye.
5.25", DFS
11-13

Bugs and Beastie

Brown, K.
Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)
1984
BBC B; RM Nimbus; £5.00
IDisk
Mathematics; Primary education; Computer games
Practice with decimal fractions (previous experience of fractional parts as small as 0.01 is essential). Contents: Bugs; Beastie.

Build

See: Microprimer software : pack 3

Build

See: Micros in the mathematics classroom : 2nd ed

Build

See: Third angle projection

Build a bridge

See: Fun school for over 8s

Build me

See: Colour-me; Build-me

Building up numeracy with mathspad

Wincent, Hugh
Harlow: Longman Micro Software
1198-
BBC B; BBC B+; BBC Master 128; Acorn

Archimedes; £45.00 BBC Econet; SJ file server; AMCOM E-Net; RM Nimbus/Network; £60.00
Disk; 12 booklets; Course guide; User guide
Mathematics; Secondary education; Sixth form education; Further education
A complete course in numeracy - 100+ self-contained activities to develop, use and application of proportional thinking in such contexts as costing, bar/pie charts, percentages, imperial units, reading scales, converting units and fractions; decimal units; ready reckoners, etc. Includes a detailed matrix for each course level to help with constructing student profiles.
BBC 40t, 5.25" DFS disk; BBC 80t, 5.25" disk; Archimedes compatible 3.5" disk; Nimbus/Network 3.5" disk
13-19

Bulb test

See: Probability and statistics programs

Bullseye

See Joystick games 1

Bunnies

See: Infants' suite

Bus game

See: Technology and design ; part 2

Bush rescue

4mation Educational Resources; Jacaranda
Barnstable (UK Version): 4mation Educational Resources
1987
BBC B; BBC Master; BBC Master Compact; £27.50 Econet Level 2/3; Filestore and SJ systems Network; £65.00
Disk
Cross curriculum; Puzzles; Problem solving; Primary education; Secondary education; Adventure simulation
Children on a camping expedition become involved in a rescue mission, navigating and flying a rescue helicopter. Involves accessing an electronic mail system, route planning and timetabling, logic and reasoning skills, mazes and problem solving.
Network software on 80t DFS with transfer instructions. For stand alone software, please specify format required
8-14

Business accounts

London: ITV Schools
198-
BBC Master 128; £26.25 RM Nimbus; £27.85
Disk
Business education; Secondary education; Data processing
Operates at two levels of complexity. At the easier level it provides an introduction to the subject and can be used to run a school mini-enterprise, managing stocks, producing orders and invoices etc. Using the full range of facilities provides many of the features found in a professional accounts pack. Associated ITV Schools programme: I.T.
BBC 5.25", ADFS

Business documents

Bromberg, Mike; Iles, Jennifer
London: Pitman Publishing
1987
BBC B; BBC B+; BBC Master; £25.00
1 disk; 1 manual
Business education; Secondary education; Sixth form education; Further education; Adult education; Databases; Spreadsheets
0273027050
A series of assignments and exercises enabling the student to get familiar with business documents used : order acknowledgement, purchase orders, advice notes, delivery notes, invoices, credit notes and statements of accounts. Suitable for BTEC, RSA, LCC and PEI courses and also GCSE and TVEI schemes
11- Adult

Business games

Doncaster: RESOURCE
198-
BBC B; BBC Master 128; £14.50
Disk; documentation
Business education; Simulation; Computer games; Secondary education; Utilities; Authoring aids
A generator to allow the user to create up to 20 companies in a simulation. LEA/Regional licences and bulk purchase discount available
BBC B/Master 5.25" 40t DFS; 80t DFS available - £1.50 surcharge per disk
12-15

Business plan

Hurlstone, G.T.; Hurlstone, L.M.; Hawley, A.
London: Pitman Publishing
1987
BBC B; BBC B+; BBC Master; £25.00 RM Nimbus; £30.00
1 disk; 1 booklet
Business education; Mathematics; Secondary education; Further education; Sixth form education; Adult education; Simulation
027302695X (BBC machines); 0273030426 (RM Nimbus)
This business game offers a practical introduction to basic principles and skills which are needed to set up a small business. Although specifically relevant to the new GCSE Business Studies course, it is also suitable for TVEI, CPVE and other courses such as BTEC First Award
11-Adult

Business planning

Dolgellau: Science Education Software
198-
BBC B; BBC Master 128; £34.00 + VAT RM Nimbus; Acorn Archimedes; £35.00 + VAT RM Nimbus Network; £50.00 + VAT
Disk
Business education; Secondary education; Further education; Adult education; Data processing
Designed to take the user through all the procedures involved in preparing a financial forecast for a small business. A profit and loss account, a cash flow statement and a balance sheet may be produced from estimates of sales, operating expenses, customer and supplier credit periods, finance costs and capital expenditure.

BBC 40t, 5.25" disk; BBC 80t, 5.25" disk; RM Nimbus, Acorn Archimedes, 3.5" disk. BBC version is on double-sided disks, therefore a disk drive capable of reading both sides of disk is required.

16-Adult

Business session

Exeter: Maxima Communications plc
198-

Session series

Apple Macintosh; £159.00

Disk

Communication; Utilities; Business education
A Hewlett-Packard terminal emulator, which emulates HP2393 block mode, supporting all HP terminal modes and features and HP and Macintosh international keyboards. Features include mouse, menu control and resizable windows.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Busroute

London: ITV Schools

198-

Mathematical eye

BBC B; BBC B+; BBC Master 128; £11.50

1 disk

Mathematics; Problem solving; Secondary education; Computer games; Databases

Encourages indepth exploration of mathematical ideas. The program is about the process of being mathematical making it particularly relevant to Attainment Targets 1 and 9. Skills exercised: designing a network, designing a timetable, using the network and timetable effectively. Also contained in: Mathematical eye (price £40.25). Associated ITV Schools programme: Mathematical eye.

5.25", DFS

11-13

Busy

See: Entertaining English

Button ROM

Tunbridge Wells: Compaid Trust

198-

BBC Master Compact; £10.00

ROM

Special educational needs; Utilities

Emulates the Compact's 2nd fire button, allowing Master 128 software to run unaltered, with the two signals taken from the joystick left and right inputs after the "Fire" command has been given

Buttons : a keyboard emulator utility for the BBC computer

Marsden, Paul

Oldham: NCET/MESU, North West SEMERC

198-

Blue file

BBC B; £2.50

40t; 1 disk; 1 documentation leaflet

Utilities; Switches; Special educational needs; Primary education;

A keyboard emulator which enables many unmodified programs to be run using up to 10 switches or the Delves keyboard. Freely copiable for educational use in the UK.

Buzz off

See : Touch games 2

Bypass

Anlon, J.; Kwenn, L.; Druz, D.

Gravesend: Fernleaf Educational Software Ltd
198-

BBC B (disk); £11.26 BBC B (cassette); £8.65

Disk or cassette

Language; Primary education; Secondary education; Puzzles; Problem solving

Contained in Roads. Designed for use with small groups of children. A bypass has to be planned within a budget, taking public opinion into account

8-12

Byte into control

Lewis, Tim

Sheffield: Pavic Publications

198-

BBC B; £30.00 BBC B; (interface board in kit form); £25.00

Disk or cassette; interface board; teacher notes; pupil workbooks

Sciences; Craft, design, technology; Control technology

A project teaching the essential elements of computer control

BBC 40t or 80t disk; BBC cassette

C

Cambridge: Acornsoft

BBC B; BBC B+; BBC 128K B+; BBC Master 128; BBC Master Compact; £59.00 Econet; £250.00

Disk; booklet

Programming languages; Secondary education; Sixth form education; Further education

A block structured programming language, encouraging good programming style with its strong data-type checking, and a flexible approach to program control. Allows programmer to devise powerful data structures in a similar way to PASCAL. Includes comprehensive set of library functions.

40/80t disk; 3.5" disk; Runs on BBC 64K sideways RAM or with a 6502 second processor or Turbo.

12+

C library : volume 1

Leamington Spa: SPA (Software Production Associates)

198

IBM PC; Nimbus; Nimbus Network; £39.00

Disk

Utilities

More than 50 invaluable C functions to simplify

writing of C programs - screen output, keyboard input, printer control and file handling.

Will work on any MS DOS computer

Cabinet

Walden, Philip; Blow, Frances; Watson, Det.

Harlow: Longman Micro Software

1987

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; Acorn Archimedes; £19.50 BBC Econet levels 2 & SJ file server; AMCOM E-Net; RM Nimbus Network; £30.00

1 disk; 1 teachers' guide; students' leaflets

History; Secondary education; Simulation

0582272599

A role-playing game simulating decision making in a Cabinet of the Liberal Government 1901-1914, designed to develop understanding of the Liberals and their policy towards the Suffragettes

BBC 40t, 5.25" DFS; BBC 80t, 5.25"; Nimbus Network 3.5"; Archimedes compatible 3.5" & 13-16

Cable

See: Neurosim

CAD master

Scottish Council for Spastics

Glasgow: Scetlander

BBC Master 128; £17.50

Disk

Art; Design; Special educational needs; Computer graphics

1855720736

Contains many of the features of Electra Per and in addition a facility for graphic design in text using any of a variety of switches, Macro trackerball or master keyboard. Speech synthesiser and printout options included.

BBC Master 5.25" disk (40/80t DS and Dual Drive)

CADMover

Maidstone: Microspot

198-

Apple Macintosh; £395.00

Disk

Computer assisted design; Design; Craft, design technology; Engineering; Utilities

A professional graphic translation utility, providing connectivity between the current range of 2 and 3D CAD systems, bridging the gap between the micro computer and the mainframe with the ability to read, translate, write a number of graphics file formats, including IGES, DXF, MiniCard, MacDraw, PICT and MSC/pal model definition files.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

CADVISE in true 3D

Pettit, Gwyneth

Otley: Academic Software

1986

BBC B; BBC B+; BBC Master; Acorn Archimedes; £24.00 (educ) or site/LEA licence
Disk; booklet

Craft, design, technology; Design; Secondary education

Helps students develop and exercise the ability to visualise in 3D; presents solid objects in plan and elevation, or rolling wireline perspective, or stationary perspective with hidden lines removed

BBC 80t d/s disk or 40t s/s disk; Archimedes 3.5 disk

13+

CALL/TVEI project

Edinburgh: CALL (Communication Aids for Language and Learning) Centre
1990

Apple Macintosh HyperCard stack; Details from publishers

Art; Reading skills; Creative writing; Life skills; Special educational needs

Training materials for teachers working with communication impaired learners

Cambridge database

Newman, Barry

Huntingdon: Cambridgeshire Software House
1989

Acorn Archimedes; RM Nimbus; IBM PC;
£18.00 Site licence £40.00

1 disk; 1 booklet

Databases; Primary education

The database is simple to create and use, can be searched on one or two fields and has the facility to display data on a variety of different graphs and charts

Archimedes under PC emulation; needs 1Mb
Nimbus; IBM requires CGA

5+

Cambridge FCE software : packs A and B

Jones, Christopher; UCLES

Cambridge: Cambridge University Press
1989

BBC Econet Level 2/3; £105.00 IBM; £125.00

Disk

English (second language); Secondary education

A CALL package for students taking Cambridge First Certificate in English examination. Covers reading comprehension and use of English. Can be used in Exploratory or Examination modes; students may browse through questions and change their minds. Packs available separately for BBC and MS DOS

11-18+

Cambridge FCE software : pack A

Jones, Christopher; UCLES

Cambridge: Cambridge University Press
1989

BBC B; BBC B+; BBC Master; MS DOS; £50.00 (protected) £55.00 (unprotected)

Disk

English (second language); Secondary education

A CALL package for students taking Cambridge First Certificate in English examination. Covers reading comprehension and use of English. Can

be used in Exploratory or Examination modes; students may browse through questions and change their minds. Pack B also available for BBC and MS DOS.

BBC 40/80t; programs convertible by user for Master Compact. MS/DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1MB memory & IBMulator.

11-18+

Cambridge FCE software : pack B

Jones, Christopher; UCLES

Cambridge: Cambridge University Press
1989

BBC B; BBC B+; BBC Master; MS DOS; £65.00 (protected) £70.00 (unprotected)

Disk

English (second language); Secondary education

A CALL package for students taking Cambridge First Certificate in English examination. Covers reading comprehension and use of English. Can be used in Exploratory or Examination modes; students may browse through questions and change their minds. Pack A also available for BBC and MS DOS

BBC 40/80t; programs convertible by user for Master Compact. MS/DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1MB memory & IBMulator

11-18

Cambridge identification keys

Pankhurst, Richard

Cambridge: Cambridge Micro Software
198-

IBM PC/PS2; RM Nimbus; c.£27.50 BBC B+; BBC Master; c.£22.50

4 packs; each pack: 1 disk; 1 handbook

Biology; Secondary education; Computer graphics

Deciduous woodland: 052135546X (IBM); 0521355478 (RM); 0521355451 (BBC)
Freshwater: 0521355419 (IBM); 0521355400 (RM); 0521355397 (BBC) Urban waste sites: 0521355435 (IBM); 0521355443 (RM); 0521355427 (BBC) Rocky shoreline: 0521355494 (IBM); 0521355508 (RM); 0521355486 (BBC)

Provides easily-used computer identification keys for plants in specific habitats. Contains: Deciduous woodland; Freshwater; Urban waste sites; Rocky shoreline.

BBC B+ and Master require 80t disk.

Cambridge questionnaire

Newman, Barry

Huntingdon: Cambridgeshire Software House
1990

Acorn Archimedes; BBC B; BBC B+; BBC Master 128; Master Compact; Nimbus; IBM PC; £18.00 Nimbus Network; £35.00 Site Licence; £40.00

1 disk; 1 manual

Primary education; Secondary education

This package allows you to build and design a questionnaire of up to 40 questions, print it, gather and enter the responses and analyse the results. Questions can be selective or multi-choice. The program has a facility to transfer data to most Desk Top Publishing Packages and

Educational Software CAL - CAM

will display this data as bar, pie and scatter charts. Designed for use in both Primary and Secondary education, the strength of the package lies in groups of children agreeing on what questions should be asked on a given topic and deciding the relevance and merits of the accompanying responses. The software comes complete with an example questionnaire "Yourself" and fully detailed program notes.

8-16

Cambridge spreadsheet

Newman, Barry

Huntingdon: Cambridgeshire Software House
1987

BBC B; BBC B+; BBC Master 128; BBC Master Compact; RM Nimbus; IBM PC; Archimedes; £18.00 RM Nimbus Network; £35.00 Site licence; £40.00

1 disk; 1 booklet

Spreadsheets; Primary education; Secondary education; Business education

The spreadsheet consists of a grid of cells which is always visible on the screen. Cells may be referenced and a wide variety of functions are available for calculations. All numeric data can be displayed as bar charts, frequency charts, line graphs or pie charts.

Epson printer can be used to print out and screen dump data. IBM requires CGA

7+

Cambridge writer

Newman, Barry

Huntingdon: Cambridgeshire Software House
1989

Acorn Archimedes; RM Nimbus; IBM PC;
£18.00 Site licence; £40.00

1 disk; 1 booklet

Language; English; Modern languages; French; German; Spanish; Word processing; Cross curriculum; Primary education; Secondary education

The program is intended to be used as an introduction to word processing. The features have been kept to the minimum of centering, justification and 36 to 76 line width display. The program can be run in French, German and Spanish

Archimedes under PC emulation; RM Nimbus with 1Mb; IBM requires CGA

6+

Camera

See: Science in process : pack 1

Campaign

Payne, Tony; Watson, Deryn; Moody, Diane
Harlow: Longman Micro Software
198-

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; Acorn Archimedes; £19.50 Econet levels 2 & 3; SJ file server; AMCOM E-net; RM Nimbus/Network; £30.00

1 disk; 1 teachers' guide; students' leaflets

History; Primary education; Secondary education; Simulation

058226345X

Role-playing, decision-making game, examining

the problems faced by Edward III in a military campaign. Decisions made are compared and analysed by the computer

BBC 40t, 5.25" DFS; BBC 80t, 5.25" Nimbus/Network 3.5" disk
9-16

Camping

Low Attainers Project

Newcastle Upon Tyne: Northern Micromedia
1986

BBC B; BBC Master; £14.00 BBC Master Compact; RM Nimbus (BBC Basic); Acorn Archimedes; A3000; £16.00

Disk; resource pack

Reading skills; Puzzles; Problem solving; Primary education; Secondary education; Adventure Simulation

A simulation of a weekend camping expedition, encouraging group discussion and co-operative planning and decision-making. Develops organisational, inference, problem solving, reading and comprehension skills

9-13

Can you find it?

McCarthy, Steven

Huntingdon: Cambridgeshire Software House
1987

BBC B; BBC B+; BBC Master 128; BBC Master Compact; RM Nimbus; IBM; £24.00 Acorn Archimedes; £24.00 Site licence; £45.00

disk; drawings with notes; 1 manual

Environmental education; Biology; Primary education; Secondary education; Content free programs; Simulation

The program comes with a database on Brownsea Island and another on fossils. A set of drawings with brief note about each animal makes it possible to learn about their habitat. There is a facility to choose the level of difficulty by determining the number of reference points

IBM requires CGA

6-13

Can you make it?

Haydon, Ray; Harrison, M.C.; Miller, C.; et al.
Gravesend: Fernleaf Educational Software Ltd
1984

Thinking mathematically : series 2

BBC B (disk); £11.26 BBC B (cassette); £8.65

1 disk or cassette; 1 booklet

Mathematics; Language; Puzzles; Problem solving; Primary education; Secondary education; Computer games

Contained in Money plus. Designed for use with small groups of children. A game of strategy giving practice with amounts of money which have to be made using the least number of coins. Choice of difficulty levels

Operating system 1.2

8-13

Canal builder

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £24.50 BBC Master Compact; £24.50 RM Nimbus; £24.50 RM Nimbus

network; (up to 16 machines) £45.00; (up to 48 machines) £65.00 Econet; £58.50

Disk

History; Geography; Primary education; Secondary education; Simulation; Computer games; Puzzles; Problem solving

An historical simulation set in the 1790s in which the user, given a full colour map including towns, a hill, a coal mine, etc., must construct, as cheaply as possible, using locks, tunnels, bridges, branch canals, etc. a canal between two towns, to carry as many profitable goods as possible

Only specify 80t if you cannot use 40t disks

9-16

Canal building

Brown, Geoff; Killbery, Ian; Watson, Deryn

Harlow: Longman Micro Software

1984

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; Acorn Archimedes; £19.50 RM Nimbus/Network; £30.00

Disk; 1 teachers' guide; students' leaflets A-F

History; Secondary education; Computer graphics; Simulation; Geography

0582268303

A simulation game set in the Industrial Revolution: users build canals across the Pennines to link the booming textile and mining towns of Lancashire and Yorkshire.

BBC 40t, 5.25" DFS disk; Archimedes 3.5" compatible disk; Nimbus/Network 3.5" disk
13-16

Canal locks

See: MAPE compendium

Canvas 2.0

London: Computer Unlimited

198-

Apple Macintosh; £249.00

Disk

Art; Computer graphics; Design; Craft, design, technology; Computer assisted design

Combines a bit-map paint package, like MacPaint, and an object-oriented drawing package, like MacDraw, in one integrated graphics environment. Supports 256 colours and 24-bit colour cards. Features include drawing layers; autotrace tool; bezier curves; multi-in macro maker.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Capacitor discharge

See: Physics software pack 1

Capital investment analysis

Nugus, S.; Remenyi, Dan

Barnet: Glentop Press Ltd

1989

Templates for Lotus 1-2-3 and Lotus symphony

IBM PC and compatibles; £50.00

Disk

Business education; Information handling; Statistics; Computer graphics; Secondary education; Further education; Computer studies; Adult education

Will accept data on a yearly or quarterly basis with a maximum of 24 periods of input. Fix and variable discount rates may be specified; system will report net present value, profitability index, internal rate of return, discounted payback, etc.

5.25"/3.5" disk

16+

Capital letters

See: Touch basics

Capitals

St. Just: MJP (Michael Jay Publications)

198-

BBC B; BBC B+; BBC Master; £14.95 RML Nimbus; details from publishers

Disk

Geography

A comprehensive package with varying degrees of difficulty.

BBC 40t disk unless otherwise requested.

Capitals and punctuation

Hunt, W.J.E.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1986

BBC B; £5.00

Disk

English; Language; Reading skills; Primary education; Content free programs

Passages of text can be entered and pupils asked to punctuate them. Help given.

Caption

Coventry: NCET/MESU

1989

BBC B; BBC B+; BBC Master; £10.00

2 disks; book

Word processing; Language; Design; Art; Primary education; Secondary education; Special educational needs

An illustrated word processor which brings together words and pictures in a framework program suitable for a wide range of abilities. Users write in text windows in a number of sample screens, which can be printed. Ideal for posters and display work. Licensing agreements for large bulk orders: details from publishers.

40t disk. Can be used with Concept keyboard
5+

Car

See: Basic package

Car design

GSN software

Ashton-under-Lyne: Granada Educational Software

1989

BBC B; £14.95

IDisk; teacher's guide

Sciences; Physics; Craft, design, technology;
Simulation

Contains in Science and technology software:
pack 2. Represents different effects on various
passengers of a car crash, with pupils varying
speed of car, position of passenger, type of seat
belt, position of steering wheel, etc. Allows for
accurate measurements for further investigation
and comparison.

IDisk (40t)

Car design and Noise

London: ITV Schools

11986

BBC B; BBC B+; BBC Master 128; £24.95

IDisk

Sciences; Secondary education; Simulation;
Computer graphics

Contents: Car design (screen represents the
effect on various passengers of a car crashing at
speed. Pupils can vary speed, position of
passengers, type of seatbelt etc.); Noise (allows
pupils to experiment with both the control of
noise at an airport, and the operation of aircraft
using various combinations of engine power and
rate of climb). Associated ITV Schools
programme: Science and technology

5.25", DFS

114-16

Car game

See: Simulations

Car hire

SMDP (Scottish Microelectronics Development
Programme), Primary Project

Glasgow: Scetlander

1198-

BBC B; BBC B+; BBC Master 128; £15.00
Acorn Archimedes; RM Nimbus; £15.00

11 disk; 1 teacher's notes booklet; 1 booking sheet;
11 sheet showing RM Nimbus function keys for
use with Car hire

Business education; Computer studies; Puzzles;
Problem solving; Reading skills; Primary
education; Secondary education; Sixth form
education; Further education; Information
handling; Simulation; Computer graphics

11855720639 (BBC) 11855720647 (Acorn)
11855720655 (RM Nimbus)

A simulation of a small computerised car-hire
firm which requires the pupil to receive and
make bookings from customers, taking the
necessary decisions to run the firm for up to
four weeks, with statements being printed each
week.

BBC 5.25" disk; Acorn Archimedes, RM Nimbus
3.5" disk

110-18+

Cardbox-plus : version 4.1

London: Business Simulations Limited

1198-

IDOS and OS/2; single user; £350.00 VAX/VMS;
from £2,000.00 DOS multi-user/networking;
£550 for 1st 3 users; extra users £150 each up
to 9, then £120.00 each Programmer's pack; +
£100 Additional utilities; prices on application
Electronic publishing version; £50.00 (+ royalty)

IDisk

Information handling; Databases

An information management and retrieval
system which stores records and indexes them
for fast retrieval. Allows records to be extracted
on a wide range of criteria and in many different
formats, including word-processed letters and
documents. Records of up to 36 lines by 132
columns; 52 indexable fields plus one optional
unindexed text field of 8,000 characters; indexed
word length up to 63 characters; field size up to
full record size; no limit to index entries per
record, or to total index entries, or to alternative
formats per database or databases per system.
Size of database in practice limited by capacity
of computer system.

PC DOS, MS DOS or compatible operating
systems; OS/2 protected mode; VAX/VMS;
Networking DOS 3.1 compatible; Colour or
monochrome screen; hard disk optional

Cardiolab

Hughes, I.

Cambridge: Biosoft

198-

IBM PC/PS2; Apple II; BBC B; £939.00

Disk; manual

Sciences; Biology; Sixth form education;
Further education; Adult education; Simulation

A program simulating cardiovascular
pharmacology experiments on anaesthetised
(normal or reserpinised) animals and pithed
animals. Simulated heart rate and blood pressure
traces can be made on almost any printer. Allows
"administration" of agonist and antagonist
drugs; can mimic stimulation of vagal and
sympathetic cardiac nerves; slow deterioration
of a preparation which may die unexpectedly
after six hours of preparation time; provides
unknown drugs for characterisation by students.
Demonstration disk available - £ 15.00

5.25" or 3.5" disk; BBC 40t or 80t disk. Printer
required; superior output on Epson compatible
dot matrix machines with user definable
graphics capability

18+

Carol

London: ILECC (Inner London Educational
Computing Centre)

198-

RML 380Z; RML 480Z; RML network; £10.00

1 disk; 1 handbook

Art; Design; Creative writing; English; Primary
education; secondary education; Further
education; Cross curriculum

The program allows pictures to be drawn quickly
and easily on the screen. They can be filled in
with any selected colour and placed anywhere
within the text. Pictures can be printed, saved
and retrieved from disk. The cursor can be
controlled in different ways depending on the
type of machine used

Grafpad, digital joystick or 'WordStar' cursor
keys can be used for cursor control on RML
380Z and RML 480Z machines

7-18+

Carousel

See: Polyominoes project pack

Carpentry test

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £19.50 BBC
Master Compact; £21.70 RM Nimbus; £24.50

RM Nimbus network; (up to 16 machines)
£45.00; (up to 48 machines) £65.00 Econet;
£58.50

Disk

Craft, design, technology; Computer assisted
design; Secondary education; Further education

Designed for students on the City and Guilds of
London Craft Course in Carpentry and Joinery.
Programs on sample multi-choice questions, in
for mat similar to that set by City and Guilds.
Records correct responses, gives a grade

Only specify 80t if you cannot use 40t disks

16+

Carrigan Street

Glasgow: Scetlander

BBC B; BBC B+; BBC Master 128; £12.50 RM
Nimbus; £12.50

Disk

English; Language; Reading skills; Creative
writing; Primary education; Secondary
education; Simulation; Computer graphics

1855720531 (BBC); 185572054X (RM Nimbus)

Develops linguistic competence in reading;
discussion; writing; and listening. Related to the
Macmillan Educational play 'Carrigan Street' by
Ronald Pick. Pupil residents of Carrigan Street
all object to its demolition to make way for a
motorway. Helps decision making skills as they
decide how to handle problems, both from the
residents and planners' viewpoints.

BBC 5.25" disk; RM Nimbus 3.5" disk

10-15

Carrots

See: Infants' suite

Carryadd

Swansea: HS Software

1986

BBC B; BBC B+; BBC Master 128; (cassette);
£5.95 BBC B; BBC B+: BBC Master 128; BBC
Master Compact; Acorn Archimedes; £7.95

Disk;

Mathematics; Puzzles; Problem solving; Infant
school education; Primary education; Special
educational needs; Computer graphics

Addition and subtraction programs from the
earliest stages through to addition and
subtraction of five digits with "carrying". "Press
any key" facility makes the program simple to
use for young/physically handicapped children.

BBC cassette; BBC 40 or 80t disk; Master
Compact 3.5" disk; Archimedes 3.5" disk

5-12

Cars : maths in motion

Denyer, Tim; Whittington, Ian

Huntingdon: Cambridgeshire Software House

1985

BBC B; BBC B+; BBC Master 128; BBC Master
Compact; RM Nimbus; IBM PC; Acorn
Archimedes; £24.00 Econet; £40.00 Site licence;
£45.00

1 disk; 1 program notes; 10 track plans; 2
worksheet masters

Mathematics; Craft, design, technology; Life
skills; Primary education; Secondary education;
Cross curriculum; Simulation

It is the aim that children using this program

will begin to appreciate the power of mathematics as a means of providing solutions to problems. Groups of children aim to set up a Grand Prix racing car with the view to finish a series of races. To achieve this they will need to use many mathematical and problem solving skills. It should also provide a base for a whole variety of scientific experiments related directly to their project

8+

Cartog

Collins, Stuart

Radcliffe-on-Trent: Somasoft Educational Software

1990

Acorn Archimedes; BBC B; BBC B+; BBC Master; BBC Master Compact; RM Nimbus; £22.00

Disk 40t/80t/3.5"; booklet; copy-worksheets; map samples

Cross curriculum; Geography; Environmental education; Primary education; Secondary education

The basic purpose is create, on screen, a 1km. square of an O.S. type map. This can be done using keyboard or mouse. There are four games/activities which use any created map, including map following, orienteering, map memory and cross-sections. A 3D view of how the land would look can be produced by choosing a vantage point on any map. Maps can be screen-dumped through Epson-type printer. Serves Geography level 5/6 N.C. mapping requirements. "Advanced" Arc version available from December 1990, free upgrade, otherwise £28.00

BBC 5.25" disks : specify 40t or 80t. Colour monitor and mouse preferable. EPSON type printer optional. Uses standard mouse on RM Nimbus and Acorn Archimedes; AMX mouse on BBC series. AMX ROM not needed

9-16

Cartoon

See: Design : words and iamges

Cash book

Ayre, Peter; Payne, Tony

London: Pitman Publishing

1984

Computers, information, awareness

BBC B; BBC B+; BBC Master; £25.00

1 disk; 1 booklet

Computer studies; Business education; Data processing; Secondary education; Further education; Adult education

0273022229

This program is complementary to the book 'Microcomputers and Business studies' by Christine Disney and examines how a cash book is made up

11-Adult

Casino

Exeter: Minerva Software

198-

Games

Acorn Archimedes; £19.95

Disk

Computer games; Puzzles; Problem solving; Primary education; Secondary education

User plays various exciting multi-tasking games at Monte Carlo - Blackjack, roulette, backgammon and one arm bandit. Several players can participate

RISC OS compatible

5+

Castle pack

Ellingham, David; Pritchard, Joe; Broadie, Roger

Doncaster: RESOURCE

198-7

BBC B; BBC Master 128; BBC Master Compact; Acorn Archimedes; £24.50 Econet; £36.50

1 disk; teacher pack; 1 "Pupil's story"; set of workcards; 3 plans with OHPs; 4 sheets of printed datafile Econet pack includes 5 sets student documentation.

History; Databases; Information handling; Primary education; Secondary education

Enables users to build up knowledge about life of the inhabitants of a medieval castle, and to think about aspects of life in those times. LEA/Regional licences and bulk purchase discount available

BBC B/Master 5.25" 40t DFS; Master 128 5.25" ADFS; Master Compact 3.5" ADFS; Econet 5.25" 40t. 80t DFS available - surcharge £1.50 per disk

7-14

Castle series : 11-12th century AD

Glasgow: CDG (Scotland) Ltd.

198-

BBC B; BBC B+; BBC Master 128; £15.50 Acorn Archimedes; IBM PC; RM Nimbus; £21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

History; Databases; Secondary education

1853950734

An investigation of the Norman motte and bailey castle and its subsequent development through the centuries to identify differences and similarities in the structures. The influence on, as well as the use of, physical landscape by British and European buildings is also studied. Structured modular work units accommodate all ability levels; integrate computer procedures and assist in the acquisition of knowledge and understanding, developing enquiry, evaluation and analysis skills, etc. tc. Optional Epson compatible screen dump (BBC/Nimbus only) available - £7.50 (BBC); £13.50 (Nimbus). Discounts available for purchase of any two or more datapacks - details from publishers

Please state format required: BBC 40 or 80t disk; IBM PC (EGA/ECD only)

11-13

Castle under attack

Gravesend: Fernleaf Educational Software Ltd

198-

BBC B; BBC B+; BBC Master 128; BBC Master Compact; RM Nimbus; £17.95 Econet; Nimbus network; £32.95

Disk; documentation

History; Primary education; Secondary education; Computer games; Puzzles; Problem solving

A game of strategy set in the Middle ages, designed for two groups, one in the role of attackers and one in the role of defenders. Involves planning of strategy; choice of soldiers and machines and their movement

Please state make/model of computer; network system; disk size and printer

10-14+

Castles : resource pack A

Gravesend: Fernleaf Educational Software Ltd

198-

Castles : resources packs

BBC B; BBC B+; BBC Master 128; BBC Master Compact; RM Nimbus; £35.95 Econet; Nimbus network; £45.95

Disk; documentation

History; Primary education; Secondary education

A multi media pack including Fletcher's castle program disk; the Castle clues: exploring the tower of London video cassette; the See inside a castle information book; and the Medieval castle photopack of 10 black and white pictures showing details of castle defences, etc.

Please state make/model of computer; network system; disk size and printer.

8-12+

Castles : resource pack B

Gravesend: Fernleaf Educational Software Ltd

198-

Castles : resources packs

BBC B; BBC B+; BBC Master 128; BBC Master Compact; RM Nimbus; £35.95 Econet; Nimbus network; £45.95

Disk; documentation

History; Primary education; Secondary education

A multi-media pack including the Castle under attack program disk; the Castle clues: exploring the Tower of London video cassette; the See inside a castle information book and the Medieval castle photopack of 10 black and white pictures showing details of castle defences, methods of attack, etc.

Please state make/model of computer; network system; disk size and printer

10-14+

Castles 11-15th centuries

Glasgow: CDG (Scotland) Ltd

BBC B; BBC B+; BBC Master 128; £15.50 Acorn Archimedes; A3000; IBM PC (EGA/ECD); RM Nimbus; £21.50

History; Primary education

1853950734

An investigation of the development of the Motte and Bailey Castle in Britain to identify change in structures. Simplified data is given on the following castles : Bodiam, Doune, Edinburgh Harlech, Helmsley, Richmond, Tower of London and Warkworth. Data on the relationship of the castle to the landscape is also provided

10-12

Cat and mouse

See Joystick games 3

Cat and mouse

See: Microprimer software : pack 3

Catch

Glasgow: Scetlander

BBC B; BBC B+; BBC Master 128; £15.00
Acorn Archimedes; RM Nimbus; £15.00

Disk; teacher's notes; background notes;
information sheets

Business education; Environmental education;
Primary education; Secondary education;
Computer graphics; Computer games

1855720469 (BBC); 1855720477 (Acorn);
1855720485 (RM Nimbus)

A business game which helps develop decision
making and increases knowledge of the fishing
industry, with pupils adopting the roles of crew
members on a Seine-netter. Their decisions are
reflected in profits/losses at the end of the game

BBC 5.25" disk; Acorn Archimedes; RM Nimbus
3.5" disk

8-16

Catch the bus

See Joystick games 2

Cateby manor

Ellingham, David; Hemsley, Keith; Sowden, Ian
S.; et al.

Doncaster: RESOURCE

1986

BBC B; BBC Master 128; BBC Master Compact;
Acorn Archimedes; £30.50 Econet; £53.50

3 disks; Story; Maps and OHPs; Teacher guide;
Domesday entry; workcards Econet pack
includes 5 sets student documentation.

History; Information handling; Primary
education; secondary education

Follows on and complements the Castle pack.
Allows children to explore a Norman Manor in
the year 1086. LEA/Regional licences and bulk
purchase discount available

BBC B/Master 5.25" 40t DFS; Master 128 5.25"
ADFS; Master Compact 3.5" ADFS; Econet
5.25" 40t. 80t DFS available - surcharge £1.50
per disk

7-14

Category displays

See: Geography data processing 1 : data
presentation

Category displays

See: Ecology data processing 1 : graphs and
charts

Caterpillar

See: Fun school for 6-8 year olds

Catherine wheels

See : Touch games 1

Cathode ray oscilloscope

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; Electron
(BBC DFS); £19.50 BBC Master Compact;
£21.70 Acorn Archimedes; Amiga; IBM PC and

compatibles; RM Nimbus; £24.50 RM Nimbus
network; (up to 16 machines) £45.00; (up to 48
machines) £65.00 Econet; £58.50

Disk

Physics; Secondary education; Sixth form
education; Further education

Provides a logical diagrammatic explanation of
the structure of the CRO, demonstrating the
effect of changing the voltage applied to the X
and Y plates. Covers the AC effect, the effect
of introduction/change of a time base, the Y
plate gain and the wave period; also covers
investigation of Lissajous' figures. Option to
modify gain, phase and period.

Only specify 80t if you cannot use 40t disks.

14+

Catswap

Newman, R.

Houghton-on-the-Hill, Leicester: MUSE
(Microcomputer Users in Education)

1983

BBC B; £1.50

Disk; Documentation

Utilities

Software to double the catalog size on Acorn
DFS machines allowing 60 entries instead of 31.

Cat06

See: Basic package

Cause and consequence

Brighton: Spartacus Educational Software

1986

Books and software for GCSE

BBC; £13.00 (15% discount if cheque enclosed
with order)

Disk; documentation

History; Secondary education; General
Certificate of Secondary Education

Students select their subject area, and are
presented with a series of units, each containing
5 linking events, which the student has to place
in the order in which they occurred.

Sophisticated scoring system allows student to
assess his understanding of cause and effect in
modern world history. With a printer, will
produce "Cause and consequence" worksheets.
Available in set "Books and Software for GCSE".

11-16

Caverns

Exeter: Minerva Software

198-

Games

Acorn Archimedes; £17.95

Disk

Computer games; Puzzles; Problem solving;
Primary education; Secondary education

User has to control spaceship in a network of
caves, penetrating enemy territory to destroy its
nerve centre, deactivating the safety devices in
distant parts of the caves

RISC OS compatible

5+

Caxton : a wordprocessor for children

Pope, Edward

Birmingham: Newman Software

1988

RML 480Z; £20.00 RM Nimbus; RM Nimbus
network; £30.00

1 disk; 1 documentation booklet

Word processing; English; Infant school
education; Primary education; Cross curriculum

A simple, easy to use wordprocessor designed
for use by young children. Caxton produces high
quality print-outs with large letter sizes, which
can be selected from a range of 26 fonts.

Version 1.0 for both machines is the latest,
update is available (480Z) 1.00 for Nimbus

5-14

Caxton press : an introduction to desktop publishing

Pope, Edward

Birmingham: Newman Software

1989

RML 480Z; £20.00 RM Nimbus; RM Nimbus
network; £30.00

disk; 1 doc booklet

Language; English; Creative writing; Art;
Design; Primary education; Word processing;
Desktop publishing

The program allows up to four articles and two
picture frames and has the added bonus of full
word processing in any of 26 fonts

Version 1.0 for 480Z; 1.0C for Nimbus

5-14+

Caxton signwriter

Pope, Edward

Birmingham: Newman Software

1988

RML 480Z; £15.00

1 disk; 1 doc booklet

Language; English; Primary education;
Secondary education; Cross curriculum; Word
processing; Desktop publishing

This program allows the user to create banner
headlines for noticeboards and display areas.
There is a choice of 3 fonts with outlining,
shadows, frames and a choice of printsize.

Version 1.0

5-14+

CDT selection

Bate, Mike

Longbridge Deverill, Warminster: Soft Teach
Educational

1987

PhysiCATsoft programs

BBC B; BBC B+; BBC Master 128; £10.00
Acorn Archimedes; £12.50 Network; £20.00

Disk; manual

Sciences; Physics; Craft, design, technology;
Computer graphics; Secondary education; Sixth
form education

0948808403

2 programs, covering reading a micrometer
screw gauge and reading Vernier calipers to 0.1
mm on a cm scale. Bulk purchase discount
available

BBC 5.25" disk; Archimedes 3.5" disk

11-18

Cedar word bank

Dutton, Grenville
Doncaster: RESOURCE
1986

BBC B; BBC Master 128; £10.95

1 disk; 1 documentation booklet

English; Spelling; Primary education; Special educational needs

A program which acts like an electronic flash card pack, with 4 different social sight word lists, designed to aid word recognition. The words used are often found on general signs. LEA/Regional licences and bulk purchase discount available

5.25" 40t DFS; 80t DFS available - £1.50 surcharge per disk

Cedars get fit set

Cedars Rehabilitation Unit, Nottingham, in conjunction with Brilliant Computing

Bradford: Brilliant Computing
1988

BBC B; BBC B+; BBC Master; £15.00

40/80t; Disk; manual

Physical education; Infant school education; Primary education; Special educational needs; Occupational therapy

5 programs encouraging walking and jogging exercises: Running on the spot (using 2 pad switches); Fraserbar (uses a fraserbar between 2 pad switches which the user presses alternatively with heel and toe); Singalong (the computer plays a tune as the user walks/runs on the pad switches); Dog racing (2-4 people compete as they run on 1/2 pad switches); Jogging (similar to Running on the spot, but intended for longer runs). Available in ready-to-run kit with Pad switch games and 2 large pad switches, 4 small pad switches, interface box; £100.00.

BBC 5.25" disk; 40/80t; works with 2,3, or 4 pad switches and an interface box.

5+

Cedric : version 2.1

London: British Gas plc
198-

BBC B; BBC B+; BBC Master 128; £8.05 Econet level 2-3; £11.50 RM Nimbus; RM Nimbus network; £17.25

Disk; user notes; teacher notes; data collection forms master copies

Home Economics; Sciences; Life skills; Primary education; Secondary education; General Certificate of Secondary education

Cedric: Community energy display and retrieval of information and calculation. Contents: DHL (Design heat loss - calculates quantity of energy escaping from a house); Guestimator (estimates quantity and cost of energy used for different household purposes); Profile (allows data collected in pupil surveys to be compared with facts and figures about various housing types). A user-friendly suite of 3 programs.

9-16

Ceefax in grade 2 Braille

RCEVH (Research Centre for the Education of the Visually Handicapped)

Oldham: Northwest SEMERC

198-

BBC B; BBC B+; BBC Master 128; £7.00

Disk

Special educational needs; Life skills; Spelling Reading skills

For blind Versabril and Brailink users wishing to access Teletext, thus building general knowledge and interest. Extra reading can improve spelling and extend vocabulary. Allows user to choose a specific page from one of the four channels which the Teletext adapter has available; the page is read, translated into grade 2 Braille and sent to the device where it can be read at leisure. Allows user to choose another page or switch to a page on another channel at any time.

Requires teletext adapter; good quality TV aerial. Device options: Versabril or Brailink 5+

Cell growth

Millar, R.N.; Petersen, Kirsten
Glasgow: Scetlander

Creative software for education

BBC B; BBC B+; BBC Master 128; £7.50

1 disc; pupils' notes; pupils' worksheet; teachers' notes

Biology; Sciences; Secondary education; Sixth form education; Further education; Simulation; Computer graphics

1855720949 (BBC)

Simulates experiments carried out in investigations into growth patterns of micro-organisms. Reinforces need for planned approach to experiments; strict adherence to an ordered system of working and neat and accurate results recording.

BBC 5.25" disk

14-18+

Cellmap

St. Just: MJP (Michael Jay Publications)
198-

BBC B; BBC B+; BBC Master; £14.95 RML Nimbus; details from publishers

Disk

Geography; Computer graphics; Databases; Secondary education; Sixth form education; Further education

A mapping program which uses data from OS grid squares quadrants. Map number of countours/sq. km; percentage built up area; extent of wood land, etc.

BBC 40t disk unless otherwise requested

12-16+

Cellular modelling system

Holland, David; Ogborn, Jon

Harlow: Longman Logotron

1987

BBC B; BBC B+; BBC Master 128; Acorn Archimedes; RM Nimbus network; £55.00

1 disk, s/d; 1 teachers' guide

Mathematics; Geography; Economics; Physics; Chemistry; Biology; General Certificate of Secondary Education; A Level examinations; Spreadsheets; Simulation; Cross curriculum; Information handling; Data processing; Secondary education; Sixth form education; Further education; Content free programs; Utilities

0582268591

A general purpose tool which enables teachers and pupils to write their own simulations of processes, based on a screen of calculating cells;

has applications in any subject in which simple models are used

BBC 40t, 5.25" DFS; Archimedes; Nimbus network 3.5" disk

13-19

Census

See: Census analysis

Census analysis

Harlow: Longman Micro Software
198-

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; £40.00

Disk; coding book; alphabetical list of occupations; students' leaflets; teacher's guide

History; Statistics; Primary education; Secondary education; Sixth form education; Further education; Information handling

Uses 1851 Census returns to provide insight into late 19c. life. Contents: Census (search program); Qbank (encoded data file based on Quarry Bank, an industrial West Midlands area Input (allows creation of new files).

BBC 40t, 5.25" DFS disk; requires twin disk drives; uses high resolution graphics: will not run on network.

9-18

Census and place names

Banks, B.; Armstrong, M.

Doncaster: RESOURCE

198-?

BBC B; BBC Master 128; £21.95

Disk; documentation

History; Databases; Information handling; Primary education; Secondary education; Data processing

Two databases which allow analysis and handling of data: Census data (analyses census material, or data from a local contemporary survey of around 700 records); Place names (records information about the meaning of place names, and analyses these). LEA/Regional licences and bulk purchase discount available

BBC 5.25" 40t DFS disk. 80t DFS available - surcharge of £1.50 per disk

8-15

Central limit theorem and estimation

See: A level statistics

Central place

St. Just: MJP (Michael Jay Publications)
198-

BBC B; BBC B+; BBC Master; £15.95 RML Nimbus; details from publishers

Disk

Geography; Economics; Secondary education; Sixth form education; Further education; Simulation

A package of programs reviewing the classical theory of Christaller and the modifications of Losch, considering the isotropic surface; the economics of consumer demand; hierarchy of order; threshold and range; market area shape; the nesting of market areas.

BBC 40t disk unless otherwise requested.
12-16+

Cesil

Newport, Lincoln: MEDUSA

198-

BBC B; BBC B+; BBC Master; £10.00

Disk

Computer studies; General Certificate of Secondary education; A Level Examinations; Secondary education; Sixth form education; Further education; Programming languages

Allows students to write and run programs in the model assembly language Cesil, with contents of register and stores being displayed in binary format as programs are single stepped.

14-18

CE-read

RCEVH (Research Centre for the Education of the Visually Handicapped)

Oldham: Northwest SEMERC

198-

BBC B; BBC B+; BBC Master 128; £7.00

Disk

Special educational needs; Life skills; Infant school education; Primary education; Secondary education; Further education; Adult education; Reading skills; Spelling

For the visually handicapped with sufficient sight to read large text or enough hearing to understand a text to speech synthesiser.

Encourages the visually handicapped to read up to date news and information available from Teletext, building up general knowledge and interest. Extra reading can improve spelling and extend vocabulary. Allows user to choose a specific page from one of the 4 channels which the Teletext adapter has available, move around the page reading it either in large text on screen or by hearing it from the speech synthesiser. Allows user to choose another page or switch to a page on another channel at any time. When using speech, includes options to read whole page, a line, a word or to spell out the text letter by letter. Teletext graphics not accessible.

Requires Teletext adapter and good quality TV aerial. Optional text to speech synthesiser.

5+

CGraph

Cochrane, J.

Houghton-on-the-Hill, Leicester: MUSE
(Microcomputer Users in Education)

1983

BBC B; RM Nimbus; £4.50

Disk

Mathematics; Secondary education

A command driven program to demonstrate facilities of curves; shapes of curves; best fit of curves; value of a function graphically.

Chad

Northampton: Northamptonshire Computer Education Centre

198-

RM Nimbus; £10.00

Disk; documentation

Language; Word processing; Infant school education; Primary education;

A wordprocessor providing large text, colourful screens, menu, insertion, deletion and infant or foreign character sets. Encourages the use of language. Bulk purchase discounts and licences available - details from publishers.

5+

Chains

See: Games with words : pack 1

Change

See: Games, activities and investigations : volume 2.

Change : disk 1

Northampton: Nordis Software

1988

Change series

BBC B; BBC B+; BBC Master; Master Compact; £11.00 RM Nimbus; £12.90 (upon completion)

Disk; user manual

Life skills; Mathematics; Computer graphics; Special educational needs ; Computer games

Covers counting and removal of coins; simple change giving; mental arithmetic. Includes progress monitor. Available in Educational software for overcoming learning disability packs.

40/80t disk; operated by Qwerty and Concept keyboard.

Change : disk 2

Northampton: Nordis Software

1988

Change series

BBC B; BBC B+; BBC Master; Master Compact; £11.00 RM Nimbus; £12.90 (upon completion)

Disk; user manual

Life skills; Mathematics; Computer graphics; Special educational needs ; Computer games

Covers more complex change giving and simple shopping allied to minimum coin production. Includes progress monitor. Available in Educational software for overcoming learning disability packs.

40/80t disk; operated by Qwerty and Concept keyboard

Change and continuity

Hatfield: Advisory Unit

Information handling in history

BBC B; BBC B+; RM 480Z, RM Nimbus; Acorn Archimedes; IBM PC and compatibles; £30.00 (set of packs); £12.00 (single pack)

Disk; booklet

History; Information handling; Secondary education

1856060160

A series of 4 packs which provide a resource for investigations into local history on the theme of change and continuity. Contents : Medieval People : lay subsidy taxes in 1291, 1293 and 1307 for Ashwell in Hertfordshire. Homes and Hearths : 1611 records on Hearth Tax Assessment lists for 17th Century Herts parishes. Convict : 777 individuals recorded as having been transported to Botany Bay, Australia, as part of the first fleet in 1788. Mine and Meadow : two contrasting communities, Digswell in

Hertfordshire and Denaby in S Yorks. Census returns for 1851 and 1871

Channel analysis

St. Just: MJP (Michael Jay Publications)

198-

BBC B; BBC B+; BBC Master; £17.95 RML Nimbus; details from publishers

Disk

Geography; Computer graphics; Databases

Programs for processing and presenting river channel field data - accepts measurements of distance from bank, water depth, average stream velocity; produces scaled diagrams of wetted area; mean velocity; discharge; wetted perimeter; hydraulic radius. Variables may be changed/cross-correlated. Up to 5 channel profiles can be produced simultaneously on screen or on printouts. Analyses bedload pebble characteristics and generates useful barchart.

BBC 40t disk unless otherwise requested.

Charley

Cambridge: Biosoft

198-

Blanchaer Clinical Case Studies

IBM PC/PS2; Apple Macintosh; Apple II; £50.00 (single simulations) Additional simulations on same order £30.00

Disk; manual

Sciences; Biochemistry; Simulation; Sixth form education; Further education; Adult education

An interactive simulation - Charley suffers from metabolic block at glycogen phosphorylase.

5.25 disk Apple II series 3.3 DOS, 64K RAM minimum; IBM PC (CGA/EGA), 3.5 disk also available.

18+

Chart recorder

Kerslake, Paul

Plymouth: Garland Computing

1987

BBC B; BBC B+; BBC Master 128; £17.65

Disk

Databases; Information handling; Simulation; Secondary education; Further education

Simulates a chart recorder by collecting inputs from the analogue port on channel 1; scrolling the screen to the left at a variable speed, for real-time continuous display of experimental measurements. Includes option to save screens and dump to a printer. Site licences, multiple copy discounts available; details from publisher

BBC 40 or 80t (please specify)

13-18+

Chase

See: Blob 1

Chat

ITEM (Information Technology Educational Materials)

London: ITEM

1986

RM Nimbus network; £30.00

1 disk; 1 guide

Communication; Cross curriculum; Business education; Language; Information handling; Primary education; Secondary education; Sixth form education; Further education; Special educational needs

0708599362

Allow network users to communicate directly with each other, holding on screen conversations, which may be saved and edited using a wordprocessing package.

RM Nimbus PC - 186, AX and VX stations used in Nimbus mode.

5-16+

Chat

Marven, R.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1987

Econet; £15.00

Disk

Communication; Utilities

It is an advanced shared 'notepad' system for the sending of messages to chatfiles for groups or individuals (a kind of electronic mail system). Stored messages can be read, deleted, printed and added to.

Written for Econet NFS 3.4 upwards.

Chateau

Chepstow: AVP Computing

BBC Master 128; £24.50

Secondary education; Sixth form education; General Certificate of Education; A level examinations; French

A game for learning and revising French vocabulary. It is quick to play and uses colour, graphics, music and competition to stimulate interest. A vocabulary of 2000+ words comprising the complete MEG list divided into topics and sub-groups for easy learning is provided. The LEAG version of this vocabulary is also available. Players choose their own level of difficulty, entering responses in French or English. Instructions and scoring are in French. Also included are facilities for entering, editing and reprinting the supplied topic-based and alphabetical lists; which can be used independently from the game

14-18

Chatter

Kitchen, Tim

Oldham: NCET/MESU, North West SEMERC

1987

Blue file

BBC B; £2.50

40t; 1 disk; 1 documentation sheet

Special educational needs; Primary education; Word processing; Communication

A program which allows pupils to type messages to each other through 2 micros which have been linked together. The screen is split horizontally for incoming and outgoing messages. Simple instructions are provided for making the necessary connecting lead. May be freely copied for educational use in the UK.

Chatterbox

See: Notice board and chatterbox

Chaucer prologue

Jones, Mel (ed.)

Bangor: Akadimias

198-

Tutor series: English Literature - set texts

BBC B; BBC Master 128; Econet levels 2 & 3; Acorn; RM Nimbus PC 186; RM Nimbus AX series; Nimbus network; Amstrad 6128 & PCW; IBM PC compatible; £25.00 (includes site licence for up to 10 terminals)

Disk; study booklet; reading list

English literature; Secondary education; Sixth form education; Further education; A level examinations

A program to test student knowledge with questions in a multiple choice format, in either a random or sequential order, and with various user selectable time-bases against which the test may be taken. Facilities for revision; sequential, random test modes; with four time based skill levels in each test mode. Discounts available: details from publisher

BBC 40 or 80t disk (please specify). Acorn DFS & ADFS; RM Nimbus 3.5" disk; Amstrad disk; IBM PC 5.25" or 3.5" disk (please specify).

16+

Chauffeur

Harrogate: Nidd Valley Micro Products Ltd.

198-

BBC B; BBC B+; BBC Master 128; (disk) £8.61 BBC B; BBC B+; (RAM blok); £14.90

Disk or RAM; documentation

Utilities

A user friendly utility allowing mouse control to be applied to programs and games previously operated only from the keyboard. Features include menu providing option to transfer control from keyboard to mouse; cursor emulation; pointer routines. Available in package with Grafik design software.

40t or 80t disk; RAM blok for BBC without sideways RAM. For use with any suitable mouse. Compatible with BASIC I, BASIC II, OS1.2, OS2.0, DFS/Solidisk DFS/QFS.

Checker

See: Music theory tutor: games

Chemdata (version 2)

Pearce, Nick

Harlow: Longman/Logotron

1985

BBC B; BBC B+; BBC Master 128; £44.00

Disk; 1 documentation booklet

Chemistry; Secondary education; Sixth form education; Further education; Sciences; Databases; Data processing

0582263239

A data plotting program with a database editor. Enables user to display chemical data numerically or graphically, on screen or on the printer. Graphs may be "overlayed", e.g. for investigating periodicity. Allows user to add to, update, create new files. Includes data files on melting point, relative atomic mass, molar heat capacity, atomic volume, boiling point, enthalpy of fusion/vaporization, ionization energy

40t; 5.25" DFS disk

16-19

ChemDraw 2.1

Leeds: ORAC Ltd

198-

Apple Macintosh; £265.00

Disk

Chemistry; Sciences

A publishing tool dealing with chemical structures, which automatically produces common chemical notations which can be difficult to draw. Bonds can appear as normal, dash, hash, wedged hash, bold and wedged; atoms in any font, size and style with automatic subscripting and superscripting. Supports saturated and unsaturated ring templates of size 3 to 8; and cyclohexane chair confirmation translation; duplication and rotation. Files may be saved as PICT, Encapsulated PostScript or SMD.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Chemform and Chemname

Studd, J.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1984

BBC B; £6.00

Disk

Chemistry; Sciences; Secondary education

Contents: Chemform (presents five chemical formulae and gives a chemical name - pupils must relate the name to one of the formulae); Chemname (presents one name and five formulae). Programs can store results for up to 50 pupils for display and/or printing.

Chemical apparatus

See: Topics for GCSE

Chemical bonding

Dolgellau: Science Education Software

198-

BBC B; BBC Master 128; Econet; £21.50 + VAT RM Nimbus; Acorn Archimedes; £22.50 + VAT RM Nimbus Network; £37.50 + VAT

Disk

Chemistry; Sciences; General Certificate of Secondary Education; Secondary education

The main topics covered by this package are: the arrangement of electron clouds around the nucleus of an atom; covalent bonds; ionic bond polar molecules; metallic bonding; the structure of diamond and graphite; the carbon-carbon double bond; the structure of the benzene ring

BBC 40t, 5.25" disk; BBC 80t, 5.25" disk; RM Nimbus, Acorn Archimedes, 3.5" disk

14-16

Chemical calculations

See: Element data, calculations and oxidation numbers

Chemical collisions

Nicholson, J.P.; Daly, Fred; Chemistry Advice Group; Forecast, Chris

Cambridge: Cambridge Micro Software

1984

BBC B; BBC B+; BBC Master; £22.50 Apple Macintosh; £25.00

1 disk; 1 documentation booklet

Secondary education; Sciences; Chemistry; Simulation

0521263956 (BBC 40t); 0521306817 (BBC 80t); 0521321360 (Apple disk)

This program allows the user to explore the factors affecting the reaction rate of two gases. Two sets of up to 80 coloured particles combine on the screen to form white particles only if they collide with sufficient energy. The progress of the reaction can be indicated using sound and can be analysed using bar charts, graphs and by a number count.

BBC Machines use 40/80t disk.

11-18

Chemical element game

See: Chemical games pack

Chemical equations

Studd, John M.

Plymouth: Garland Computing

1985

Understanding chemistry

BBC B; BBC B+; BBC Master 128; £13.85 RM Nimbus; Acorn Archimedes; £16.30 Nimbus network; £31.50 Econet; £29.45

Disk

Chemistry; Secondary education

For use in self-tuition/revision. 3 programs introduce, explain and test chemical formulae and the balancing of equations. Site licences, multiple copy discounts available; details from publisher

BBC 40 or 80t (please specify). RM Nimbus versions supplied with BBC- BASIC

13-16

Chemical equations

See: Chemistry collection

Chemical equations

See: Topics for GCSE

Chemical equations revision program

Dolgellau: Science Education Software

198-

BBC B; BBC Master 128; Econet; £14.95 + VAT RM Nimbus; Acorn Archimedes; £15.95 + VAT RM Nimbus Network; £40.00 + VAT

Disk

Chemistry; Sciences; General Certificate of Secondary Education; Secondary education

Provides practice in writing balanced chemical equations for GCSE students.

BBC 40t, 5.25" disk; BBC 80t, 5.25" disk; RM Nimbus, Acorn Archimedes, 3.5" disk

14-16

Chemical equilibrium

Nicholas, G.A.; Franks, D.

Glasgow: Sctclander

Creative software for education

BBC B; BBC B+; BBC Master 128; £7.50

1 disk; Pupils' notes; Teachers notes

Sciences; Chemistry; Secondary education; Sixth form education; Further education; Simulation; Computer graphics

1855720957

Designed to help pupils understand idea of chemical equilibrium. Contains a simulation of a chemical reaction and is interactive

BBC 5.25" disk

14-18+

Chemical formulae

See: Chemistry collection

Chemical games

See: Science in process: pack 3

Chemical games pack

Harlow: Longman Micro Software

198-

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; £25.00 BBC Econet; SJ file server; AMCOM E-Net; £35.00

Disk

Chemistry; Computer games; Secondary education; Sixth form education; Further education

Contents: Chemical element game (requires pupil to identify the mystery element); Compound identification (finding out the anions/cations in an unknown compound using various chemical tests)

BBC 40t, 5.25" DFS disk; BBC 80t, 5.25" disk

14-19

Chemical structures

Chepstow: AVP Computing

198-

BBC B+; BBC Master 128; £24.50

Disk

Chemistry; Secondary education; Sixth form education; Further education; General Certificate of Secondary Education; A Level Examinations; Computer graphics

Depicts various metallic, ionic, covalent and molecular structures. Metallic/ionic lattices are built up on screen atom by atom, ion by ion. Covalent bonds are represented by overlapping spheres. Includes face-centred cubic, hexagonal close-packed body-centred cubic, sodium chloride, caesium chloride, diamond, graphite, iodine and carbon dioxide structures. Print or option

Only specify 80t if you cannot use 40t disks

14+

Chemistry collection

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £24.50 RM Nimbus; £24.50 RM Nimbus network; (up to 16 machines) £45.00; (up to 48 machines) £65.00 Econet; £58.50

Disk

Chemistry; Secondary education; General Certificate of Secondary Education

Contents: Chemical Formulae and Chemical

equations (teaching/testing programs); Spectrometer (displays mass spectrum of any naturally occurring element, illustrates how a mass spectrometer works); Salts and Solubility (methods of salt preparation, solubility rules, salt preparation flowchart); Elixir (a 4-level chemical adventure game based on the periodic table)

Only specify 80t if you cannot use 40t disks

12-16

Chemistry collection 1

Grilli, David; Studd, John M.

Plymouth: Garland Computing

1984

BBC B; BBC B+; BBC Master 128; £35.30 RM Nimbus; Acorn Archimedes; £38.00 Nimbus network; £55.65 Econet; £52.95

Disk

Chemistry; Secondary education; Computer graphics; Simulation

Contents: Titration (simulation of acid-based titrations; a graphical display and the use of questions encourage understanding of acidity and basicity); Elements and compounds (3 programs using graphics to show how atomic structure determines the properties of elements and how they react to form compounds); Problems in chemistry (a list of chemical problems helping revision of chemical identification and properties; computer checks progress of each of up to 30 pupils as each stage of the problem is attempted). BBC versions of programs available separately. Site licences, multiple copy discounts available; details from publisher

BBC 40 or 80t (please specify). RM Nimbus versions supplied with BBC- BASIC.

13-16

Chemistry simulations

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £19.50 BBC Master Compact; £21.70 RM Nimbus; IBM PC and compatibles; £24.50 RM Nimbus network; (up to 16 machines) £45.00; (up to 48 machines) £65.00 Econet; £58.50

Disk

Chemistry; Secondary education; Sixth form education; Further education; A Level Examinations; Simulation; Computer graphics

Uses computer graphics to simulate common A Level experiments, covering titrations (acid/base, permanganate and thiosulphate, H₂O₂ decomposition kinetics, ester hydrolysis kinetics, the iodine clock, gaseous effusion

Only specify 80t if you cannot use 40t disks

16-18

Chemi-Cal 1-2

Doncaster: RESOURCE

198-

BBC B; BBC Master 128; £20.95

Disk; documentation

Sciences; Chemistry; Secondary education; Sixth form education; Further education

A suite of chemistry programs, demonstrating possibilities for the computer in the chemistry laboratory. LEA/Regional licences and bulk purchase discount available

BBC B/Master 5.25" 40t DFS; 80t DFS available - £1.50 surcharge per disk

12-16+

Chemname

See: Chemform and Chemname

Chempi

See: ITMA chemistry pack

Chem3D Plus

Leeds: ORAC Ltd

198-

Apple Macintosh; details from publishers

Disk

Sciences; Chemistry

A molecular modelling tool translating ChemDraw chemical structures into 3D models. Reads and writes text files for use in other programs, saving models in PICT format for export to painting and drawing programs. Can display models of up to 2,000 atoms, bonded in any number of fragments. Allows structure to be rotated for viewing, several views to be played back to create real-time animation. Provides colour support; MultiFinder compatibility and minimisation using the MM2 potential function.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Chequer

See: Junior high suite

Chessboard

See: Basic package

Chick chase

Spalding: Chalksoft Ltd

198-

BBC B; BBC B+; BBC Master; £15.00 BBC Master Compact; £17.00

1 disk; 40t; 80t; 3.5"; copy sheets

Cross curriculum; Language; Mathematics; Reading skills; Creative writing; Life skills; Personal and social education; Infant school education; Primary education; Special educational needs; Adventure simulation

1851160388

Up to 4 players in a search for lost chicks encounter a fairground, a level crossing, farm machinery, a puzzle or two, and a chance to spend pocket money. Encourages discussion and planning skills, understanding of simple co-ordinates and direction, easy reading, vocabulary extension, poem writing, use of money and safety rules. Variables set by the teacher are available.

Please state whether 40-track or 80-track disks are required. Option to use concept keyboard (overlay included).

6-9+

Children on the move

See: How we used to live : 1926-1953

Chinese checkers

See: Breaktime games

Chiral molecules

See: Basic organic chemistry

Chi-squared test

See: Geography data processing 2 : statistical methods

Chi-squared test

See: Ecology data processing 2 : statistical methods

Choicemaster

Jones, Christopher

London: Wida Software Ltd

1983

BBC B; BBC B+; BBC Master; £35.00 each version Apple II; £27.50 MS DOS; £60.00 each version BBC Econet Level 2/3; £70.00 each version Apple; £27.50 (English; French; German combined version)

Disks

English; Modern languages; French; German; Spanish; Italian; Dutch; Primary education; Secondary education

Authoring programs for multiple choice questions in tutorial or test modes. Students can review the whole test before answering; answer in any order; or change their answers. Three line answers possible except for Apple version (1 line only).

BBC 40/80t; programs convertible by user for Master Compact. MS/DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1MB memory & IBMulator. Apple II+, IIe, IIfx and IIGS, under DOS 3.3. Programs convertible to PRODOS by user

8-15

Choicemaster : a votre avis

Jones, Christopher

London: Wida Software Ltd

1989

Choicemaster MS DOS; £60.00 Apple; £27.50 (English; French; German combined version)

Disk

Modern languages; French; Primary education; Secondary education

Authoring program for multiple choice questions in tutorial or test modes. Students can review the whole test before answering; answer in any order; or change their answers. Three line answers possible except for Apple version (1 line only). Available also in English; German; Spanish; Italian and Dutch.

BBC 40/80t; programs convertible by user for Master Compact. MS/DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1MB memory & IBMulator. Apple II+, IIe, IIfx and IIGS, under DOS 3.3. Programs convertible to PRODOS by user

8-15

Choicemaster : che scelgo?

Jones, Christopher

London: Wida Software Ltd

1989

Choicemaster

MS DOS; £60.00

Disk

Modern languages; Italian; Primary education
Secondary education

Authoring program for multiple choice questions in tutorial or test modes. Students review the whole test before answering; answer in any order; or change their answers. Available also in English; French; German; Spanish; and Dutch.

MS/DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1MB memory & IBMulator

8-15

Choicemaster : keuzecreatief

Jones, Christopher

London: Wida Software Ltd

198-

Choicemaster

MS DOS; £60.00

Disk

Modern languages; Dutch; Primary education
Secondary education

Authoring program for multiple choice questions in tutorial or test modes. Students review the whole test before answering; answer in any order; or change their answers. Three line answers possible except for Apple version (1 line only). Available also in English; French; German; Spanish; and Italian.

MS/DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1MB memory & IBMulator

8-15

Choicemaster : que elige?

Jones, Christopher

London: Wida Software Ltd

1989

Choicemaster MS DOS; £60.00

Disk

Modern languages; Spanish; Primary education
Secondary education

Authoring program for multiple choice questions in tutorial or test modes. Students review the whole test before answering; answer in any order; or change their answers. Three line answers possible. Available also in English; French; German; Italian and Dutch.

BBC 40/80t; programs convertible by user for Master Compact. MS/DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1MB memory & IBMulator

8-15

Choicemaster : wahlmeister

Jones, Christopher

London: Wida Software Ltd

198-

Choicemaster

BBC B; BBC B+; BBC Master; £35.00 MS DOS; £60.00 BBC Econet Level 2/3; £70.00 Apple; £27.50 (English; French; German combined version)

Disk

Modern languages; German; Primary education
Secondary education

Authoring program for multiple choice questions in tutorial or test modes. Students

review the whole test before answering; answer in any order; or change their answers. Three line answers possible except for Apple version (1 line only). Available also in English; French; German; Spanish; Italian and Dutch.

BBC 40/80t; programs convertible by user for Master Compact. MS/DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1MB memory & IBMulator. Apple II+, IIe, IIc and IIgs, under DOS 3.3. Programs convertible to PRODOS by user
8-15

Choices

MEP

Richmond: Trotman & Co Ltd

1986

BBC B version 2; £19.95

1 disk (40/80 track); 1 booklet

Careers; Sociology; Personal and social education; Secondary education; Adventure simulation; Content free programs

Choices is a set of six programs which provides a focus for discussion of social issues in the form of adventure games. Five of the programs are dramas: Play; Party; Home; Class; Leaver, while the sixth: Creator is a content free program which allows new drama to be created using the first five programs as examples

14-16

Chomping Charlie

Cardiff: Drake Educational Associates

198-

BBC B; BBC B+; BBC Master; £20.00

1 disk; 1 booklet

Biology; Nutrition; Simulation; Primary education

In this program pupils can help Charlie to keep his teeth by choosing safe snacks for him to eat

5-16

Choose a word

See: Word hunt 1, 2 and 3.

5+

Choosing sites

Noakes, Philip; Howie, Heil; Willson, Angus; et al.

Harlow: Longman Micro Software

11987

Computers in the Curriculum

BBC B; BBC B+; BBC Master 128; Acorn Archimedes; £19.50 BBC Econet; SJ file server; AMCOM E-Net; RM Nimbus/Network; £30.00

Disk; 1 documentation booklet; 19 students' leaflets

Geography; Secondary education; Simulation

0:582267161

Requires students to make locational decisions, choosing between competing sites. Includes 4 exercises: sitting a hypermarket, hospital, third London airport, large car assembly plant. Associated program Insite can be used to enter, edit, store up to 4 further exercises

BBC 40t, 5.25" DFS disk; BBC 80t, 5.25" disk; Archimedes compatible 3.5" disk; Nimbus/Network 3.5" disk

11-16

Choosing sites

See: Learning geography with computers

Chord processor

Goodwin, Roy

Huntingdon: Cambridgeshire Software House

1989

BBC B; BBC B+; BBC Master 128; BBC Master Compact; £15.00 Econet; £25.00 Site licence; £30.00

1 disk; 1 manual

Music;

The program uses the micro to generate three-note chords (triads) and these are played to the user's requirements. Options include: tempo, beat, pitch, patterning, instrumental colour. Ideal help for learning to play most instruments especially the recorder

7-Adult

Chord recognition

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £17.50 BBC Master Compact; £19.70 Amiga; £24.50 Econet; £52.50 RM Nimbus; £24.50

Disk

Music; Primary education; Secondary education; Further education; Adult education

Covers chord identification by ear - plays a selection of major and minor chords for the user to identify. 3 difficulty levels

Only specify 80t if you cannot use 40t disks

9+

Chords

See: Basic package

Choromap

St. Just: MJP (Michael Jay Publications)

198-

BBC B; BBC B+; BBC Master; £29.95 RML Nimbus; details from publishers

2 disks

Geography; Computer graphics; Statistics

An icon-driven program enabling maps to be constructed with Choropleth shading, proportional circles, bars or squares to represent statistical data. Available in package with Topomap II (£47.50).

BBC 40t disk unless otherwise requested.

CHRGEN

Reeve, P.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1983

BBC B; £3.50

Disk

Computer graphics; Utilities

Interactive character-definer program for the BBC micro. Option to store character definitions.

Christmas caption first school

MESU, Special Needs Software Centre; Taylor, Jenny

Oldham: NCET/MESU, North West SEMERC 1989

Blue file

BBC B; £3.50

40t; 2 disks; 1 key strip; 1 documentation booklet; 5 A4 concept keyboard overlays; 5 A3 concept keyboard overlays

Primary education; Special educational needs; Cross curriculum; Language; English

A set of Christmas activities designed for 4-8 year olds. There are 4 pages of the Christmas story, with supporting concept keyboard overlays, picture for Christmas cards, a letter to Santa and invitations. This acts as a normal "Caption" disk, but does not allow new activities to be designed. Freely copiable for educational use in the UK

Christmas caption 1989

NCET; Taylor, Jenny

Oldham: NCET/MESU, North West SEMERC 1989

Blue file

BBC B; £3.50

40t; 2 disks; 1 key strip; 1 documentation booklet; 4 A4 concept keyboard overlays; 4 A3 concept keyboard overlays

Special educational needs; Cross curriculum; English; Language; Primary education

"Christmas caption" is a disk of Christmas activities - ordering Christmas cards, addressing envelopes, making festive menus - as well as seasonal pictures to illustrate poems and stories. This acts as a normal "Caption" disk, but does not allow new activities to be designed. Freely copiable for educational use in the UK

Christmas tales

Doncaster: RESOURCE

198-

Fairy tales series

BBC B; BBC Master 128; BBC Master Compact; £18.50

Disk; keystrip; photocopy masters; documentation

English; Language; Creative writing; Computer graphics; Primary education; Secondary education

Allows creation of pages of text and graphics which may be printed or displayed on screen in electronic book form, with characters drawn from the Christmas story. Includes floppy disk, one side for use with black and white dot-matrix printers and the other side for use with Integrex colourjet printers. LEA/Regional licences and bulk purchase discount available

BBC B/Master 5.25" 40t DFS; Master 128 5.25" ADFS; Compact 3.5" ADFS. 80t DFS available - £1.50 surcharge per disk

7-13

ChroMac

London: Drew Scientific

198-

Apple Macintosh; £3,200.00 including single channel interface

Disk

Sciences; Data processing; Information handling; Control technology

A 4 channel chromatography data management system, allowing data capture in real time; total operator control over parameters to be used; channel set up to match requirements of samples being analysed. Compatible with Microsoft Excel.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Chromosome

See: WSS biology pack 1

Chromosome mapping

Duncan, Keith

Plymouth: Garland Computing

1983

Genetics : collection 1

BBC B; BBC B+; BBC Master 128; £13.85 RM Nimbus; £16.50 Nimbus network; £34.15 Econet; £31.00

Disk

Genetics; Secondary education; Sixth form education; Further education; Computer graphics; Simulation

Computer constructs chromosome with 5 linked genes at random locations; student has to determine correct gene sequence by carrying out backcrosses, noting results and calculating percentages of recombinant types. BBC version available in Genetics : collection 1. Site licences, multiple copy discounts available; details from publisher

BBC 40 or 80t (please specify). RM Nimbus versions supplied with BBC- BASIC

16+

Chuck Yeagers advanced flight trainer 2.0

Langley, Nr. Slough: Electronic Arts Ltd

198-

PC; £29.99

Disk; audio tape

Computer games; Computer graphics; Simulation

A flight trainer, allowing user to fly any of 18 different aircraft, all with accurate aerodynamics and realistic 3D graphics. Facilities include realistic terrain; unlimited camera angles; night flying.

Supports Hercules graphics up to VGA; also available on 3.5" disk for PC.

Cinderella

Street: Selective Software

1990

BBC B; BBC B+; BBC Master 128; £17.50 BBC Master Compact; £19.50

Disk; audio tape; materials pack; Concept keyboard overlays (A3 and A4)

Mathematics; Language; Preschool education; Infant education; Primary education; Computer graphics

A 4-part graphic adventure to develop colour matching; sequencing; number bonds (to 5 or 10); and logical thinking skills, with animated cartoons and graphic package. Audio tape provides related atmospheric music for dance/drama. Utilities disk provides games and simple drawing package.

BBC B 5.25" 40 or 80t disk; BBC Master Compact 3.5" disk; option concept keyboard use 4-7

Circle

See: Basic package

Circles

See: Basic package

Circles

See: Videomaths 2

Circles

See: Locus Pack

Circles 1

See: Basic package

Circles 2

See: Basic package

Circuit

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; BBC Master Compact; £24.50

Disk

Physics; Secondary education; Sixth form education; Further education

Programs for the layout of linear electrical component and model symbols, such as resistors, capacitors, inductors, voltage controlled current sources, transformer, current or voltage source; pnp, npn transistors, p and n channel JFETs, op-amps, to form an electrical circuit diagram on a monitor screen. Caters for a maximum of 99 components and 20 nodes

Only specify 80t if you cannot use 40t disks

16+

Circuit boards

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; BBC Master Compact; Electron (BBC DFS); Amiga; £24.50 Acorn Archimedes; RM Nimbus; IBM PC and compatibles; £24.50 RM Nimbus network; (up to 16 machines) £45.00; (up to 48 machines) £65.00 Econet; £58.50

Disk; student notes

Physics; Secondary education; Computer graphics

Especially suitable for use at home, the program allows pupils to repeat work done with circuit boards in middle/early secondary school years. Screen displays a 16 pillar circuit board and side pad of connectors, switches, bulbs, ammeters and diodes which can be placed in any position within the circuit outlines on the board

Only specify 80t if you cannot use 40t disks

13+

Circuits

Harlow: Longman Micro Software

198-

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; Acorn Archimedes; £19.50 RM Nimbus/Network; £30.00

Disk

Physics; Secondary education

Allows students to correct faults in simple electrical circuits similar to those constructed with a Worcester circuit board.

BBC 40t, 5.25" DFS disk; Archimedes compatible 3.5" disk; Nimbus/Network 3.5" disk

11-14

Circuits

See: Science in process : pack 4

Circuits : switches and diodes

Garland, David

Plymouth: Garland Computing

1983

Physics : collection 1

BBC B; BBC B+; BBC Master 128; £13.85 Econet; £31.00

Disk

Physics; Simulation; Secondary education; Sixth form education; Further education

2 programs augmenting practical work; for use as interactive visual aids, self-tuition or revision displaying different circuit types of increasing complexity; pupils use keyboard commands to alter switches/diodes to illuminate bulbs in the circuits. Contained in Physics disk 1 : collection 1. Site licences, multiple copy discounts available details from publisher

BBC 40 or 80t (please specify)

13+

Circular flow of income

See: Macroeconomics pack

Circus

Hayball, Margaret

Sherston: Sherston Software

1985

BBC B; BBC B+; BBC Master 128; BBC Master Compact; (single pack) £15.00 BBC B; BBC B+; BBC Master 128; BBC Master Compact; (small lab pack) £30.00 BBC B; BBC B+; BBC Master 128; BBC Master Compact; (large lab pack) £45.00

Single pack: 1 disk; 1 teacher's book; keypad Small lab pack: 1 copy of full pack plus 5 extra copies of disk Large lab pack: 2 copies of full pack plus 10 extra copies of disk

Language; Reading skills; Mathematics; Preschool education; Infant school education; Primary education; Computer games

Contents: Make a circus (children build a circus and make make it perform); Clown snap (children make up a clown's face); Custard (3 snap games, matching pictures with words); Strong man (6 mathematical activities are used as children help balance the strong man's weights).

BBC 40t 5.25" DFS; BBC 80t 5.25" DFS; BBC Compact 3.5" ADFS disk. 3.5" DFS and 5.25" ADFS disks also available

4-7

Circus

See: Reading aid 3

Cities file : place and people

London: ITV Schools
198-

BBC B; BBC B+; BBC Master 128; £12.30 RM
Nimbus; £14.75

Disk

Geography; Sociology; Secondary education;
Databases; Information handling

A Key datafile which gives small area statistics for eight British cities. It includes detailed demographic information together with data relating to a range of social and economic indicators e.g. social class, home ownership etc. A mapping package allows distribution maps to be plotted instantly both as standard maps and in 3D form.

BBC 5.25", DFS

Civil War

See: Battlefields

Clarence

See: Vivid

Claris CAD

Basingstoke: Frontline Distribution Ltd.
198-

Apple Macintosh; £299.50

Disk

Computer assisted design; Design; Craft, design,
technology; Engineering

A 2D design and drafting program, providing easy access to 5,000+ geometric construction, editing and positioning techniques. Features include linear, radial, diametric, angular dimensions with multiple options for positioning, leader control, units and tolerancing. Supports layering, symbol libraries, array duplication, hatching, etc. Includes precision geometry and automatic dimensioning.

*Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Claris smartform series

Basingstoke: Frontline Distribution Ltd.
198-

Apple Macintosh Plus; £162.00

Disk

Business education

An integrated solution for forms design. Contents: SmartForm designer (includes range of specialised form tools, e.g. fields, lists, checkboxes, combs; graphics tools; ability to read/write PICT or PICT2 files directly; flexible alignment, rotation and grouping; measurements in inches, centimetres, picas or points; custom font sizes; full editing in scales from 25 to 400 per cent actual size; supports multi-part and multi page forms); SmartForm assistant (a tool for completing forms and offers built-in messages and choice lists for complex designs; automatic calculations; mathematical, financial and other functions).

Requires a Macintosh Plus or larger; System Software 6.0 or later.

Class

See: Choices

Class and inequality in Britain

Gilbert, Nigel; Arber, Sara; Dale, Angela et al.
Harlow: Longman Micro Software
1985

General household survey series

BBC B; BBC B+; BBC Master 128; £45.00

Disk; teachers' book

Economics; Sociology; Secondary education;
Sixth form education; Further education
0582268559 (Software); 0582264111 (teachers' book);

Contains 33 variables to allow examination of male class differentiation in Britain - convergence/enbourgeoisement thesis; working class differentiation; social mobility; class positions of husbands/wives

BBC 40t, 5.25" DFS disk

14-18

Class autobiography

Fielding, Roger

Harlow: Longman Micro Software

1987

BBC B; BBC B+; BBC Master 128; £27.50

40t; 1 disk; 1 documentation booklet

General Certificate of Secondary Education;
Sociology; Secondary education
058227298X

Provides instant access to pictograms of 24 aspects of social class, e.g. age when left education and qualifications; home ownership; self-employment gross weekly pay; health; voting behaviour, etc. Can be used as a game/simulation; a research tool; and to stimulate discussion.

BBC 40t, 5.25" DFS disk

11-16

Class organiser

Huntingdon: Cambridgeshire Software House
1989

BBC B; BBC B+; BBC Master 128; BBC Master Compact; £14.00 Site licence; £27.00

1 disk; 1 manual

Cross curriculum; Content free programs;
Primary education; Schools; Record keeping

The program enables a teacher to enter up to 10 tasks to be completed by a class and allocate different time deadlines over a period of a week. There is a facility to record numerical assessments and to get printouts of each child's project

8-Adult

Class typing tutor

Chepstow: AVP Computing

BBC Master 128; £19.50

Secondary education; Sixth form education;
Further education; Business education; Typing;
Word processing

A network compatible tutor which has several unique features and is suited to individual or class use.

80t only

13+

Classical : 1750-1800

Chepstow: AVP Computing

198-

History of music tutor

BBC Master 128; BBC Master Compact; RM
Nimbus; Amiga; £24.50 Econet; £58.50

Disk

Music; History; Secondary education; Sixth form
education; Further education; Computer games

Provides a quick understanding of or reference to the repertoire and main characteristics of musical style of the period - the birth of quartet and symphony, sonata form, the solo concerto, introduction to the piano and clarinet, opera, oratorio and the solo song. Includes details of social, political and other aspects influencing the period and a chronological list of composers and their works.

Only specify 80t if you cannot use 40t disks

11+

Classify it

Gledhill, Bob

Halifax: Careersoft

1987

BBC B; BBC B+; BBC Master 128; BBC Master Compact; RM Nimbus; £ 19.50

Disk;

Databases; Data processing; Information
handling; Cross curriculum; Secondary
education; Sixth form education; Further
education

Allows speedy and easy classification; includes multiple-category search facility - up to 199 items in 32 categories. The SEARCH program is fully networkable. Nimbus or BBC versions available as part of Nimbus or BBC special offer

BBC B, B+, Master 128 (5.25" disks); Master Compact (3.5" disks); Nimbus (3.5" 720k). 40 or 80 track drive and colour monitor essential; parallel printer advisable. 5.25" disk versions run under DFS operating system

11-16+

Classifying

See Problem solving skills

Classmate

Northwich: Clares Micro Supplies

1990

Acorn Archimedes; £39.95

Disk; documentation

Word processing; Infant school education;
Primary education; Secondary education;
English; Creative writing

Designed as a first word processor for primary schools, with initial font equivalent to double height double width characters, but can also use different size fonts (several supplied); font editor enables teacher to customise size and style. Features include large text menus; mouse or cursor key control; mark area using mouse; search and replace; insert or overwrite; cut and paste; multiple documents

3.5" disk

5-14+

Classmates

Glasgow: Collins Educational
198-

Microspecial

BBC B; BBC B+; £20.00

Disk; documentation; teacher notes

Language; Computer studies; Cross curriculum;
Life skills; Puzzles; Problem solving; Special
educational needs; Secondary education

A friendly, flexible program using a problem solving, structured approach, allowing teachers to design an individualised program, controlling difficulty level and altering data to suit requirements of pupils. Includes monitoring and assessment facility. Suitable for either individual or group use. Contained in Microspecial pack. Documentation available separately. Bulk purchases and site licences available - details from publishers.

11-15

Claustrophobia

See: Switch games disk 1

Click

BECC (Birmingham Educational Computing Centre)

Houghton-on-the-Hill, Leicester: MUSE
(Microcomputer Users in Education)

198-

Birmingham picture programs

RM Nimbus; £10.00

Disk

Language; Reading skills; Primary education;
Special educational needs; Computer games;
Computer graphics

Allows a picture to be revealed piece by piece. Text may be linked to parts of the picture and revealed as the picture is uncovered. A flexible framework program allowing a variety of modes of use.

Can be used with mouse, trackerball, concept keyboard and ordinary keyboard

Click : a framework program for the BBC micro

Oldham: NCET/MESU, North West SEMERC
198-

Blue file

BBC B; £7.50

Version 3.0; 40t; 4 disks; 1 documentation book;
1 A4 concept keyboard overlay; 1 A3 concept
keyboard overlay

Special educational needs; Primary education

A framework program in which a picture chosen by the teacher can be hidden and revealed, a piece at a time, using a range of input devices or the computer keyboard. Teacher - supplied messages associated with areas of the picture can be displayed at the bottom of the screen. A range of utilities is provided to support all levels of use. Freely copiable for use in UK

Click art : business images

Glasgow: Persona TMC Ltd
198-

Click Art Image series

Apple Macintosh; £39.95

Disk

Art; Design; Craft, design, technology;
Computer assisted design

Contains over 1,000 business-related designs and symbols for use in presentations, newsletters, etc. Covers people, business logos; computers; industry and transport. May be used with any MacPaint-compatible graphics program or in HyperCard.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Click art : christian images

Glasgow: Persona TMC Ltd
198-

Click Art Image series

Apple Macintosh; £39.95

Disk

Art; Design; Craft, design, technology;
Computer assisted design

Contains 600+ designs and illustrations for religious publications or studies. May be used with any MacPaint-compatible graphics program or in HyperCard.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Click art : effects

Glasgow: Persona TMC Ltd
198-

Click Art Image series

Apple Macintosh; £39.95

Disk

Art; Design; Craft, design, technology;
Computer assisted design

A MacPaint-enhancement desk accessory, providing ability to rotate, slant, add perspective to and distort MacPaint images. May be used with any MacPaint-compatible graphics program or in HyperCard.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Click art : EPFS business images

Glasgow: Persona TMC Ltd
198-

Click Art Image series

Apple Macintosh; £150.00

Disk

Art; Design; Craft, design, technology;
Computer assisted design

Contains a library of business-related graphics in the Encapsulated PostScript file format. May be used with any MacPaint-compatible graphics program or in HyperCard.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Click art : EPFS illustrations

Glasgow: Persona TMC Ltd
198-

Click Art Image series

Apple Macintosh; £100.00

Disk

Art; Design; Craft, design, technology;
Computer assisted design

Contains 175+ images for use in newsletters & presentations, on themes including business, food, people, sports and transport. May only be used with programs that read the Encapsulated PostScript file format, and with PostScript printers.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Click art : holidays

Glasgow: Persona TMC Ltd
198-

Click Art Image series

Apple Macintosh; £39.95

Disk

Art; Design; Craft, design, technology;
Computer assisted design

Includes borders and festive designs: ideal for use in invitations. May be used with any MacPaint-compatible graphics program or in HyperCard.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Click art : laserLetters : Bombay

Glasgow: Persona TMC Ltd
198-

Click art : laserLetters

Apple Macintosh; £39.95

Disk

Utilities

Downloadable display fonts for the LaserWriter

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Click art : laserLetters : Plymouth

Glasgow: Persona TMC Ltd
198-

Click art : laserLetters

Apple Macintosh; £39.95

Disk

Utilities

Downloadable display fonts for the LaserWriter

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Click art : laserLetters : Seville

Glasgow: Persona TMC Ltd
198-

Click art : laserLetters

Apple Macintosh; £39.95

Disk

Utilities

Downloadable display fonts for the LaserWriter

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Click art : personal graphics

Glasgow: Persona TMC Ltd
198-

Click Art Image series

Apple Macintosh; £39.95

Disk

Art; Design; Craft, design, technology;
Computer assisted design

May be used with any MacPaint-compatible
graphics program or in HyperCard.

Works on current Macintosh systems with at
least 1Mb RAM; please check required
configuration.

Click art : publications

Glasgow: Persona TMC Ltd

198-

Click Art Image series

Apple Macintosh; £39.95

Disk

Art; Design; Craft, design, technology;
Computer assisted design

May be used with any MacPaint-compatible
graphics program or in HyperCard.

Works on current Macintosh systems with at
least 1Mb RAM; please check required
configuration.

Cliff profile plotting

See: Coastal studies : programs for fieldwork

Climate graphs

St. Just: MJP (Michael Jay Publications)

198-

BBC B; BBC B+; BBC Master; £14.95 RML
Nimbus; details from publishers

Disk

Geography; Computer graphics; Secondary
education; Sixth form education; General
Certificate of Secondary Education; A Level
Examinations

Allows user to either create own files or use 24
files provided; includes facility for overlaying
graphs. Printout option. Available in package
with Cylcone (£23.90).

BBC 40t unless otherwise requested

12-16+

Climate graphs

See: Learning geography with computers

Climate graphs and cyclones

St. Just: MJP (Michael Jay Publications)

198-

BBC B; BBC B+; BBC Master; £23.90 RML
Nimbus; details from publishers

Disk; worksheets

Geography; Computer graphics; Secondary
education; Sixth form education; Further
education; General Certificate of Secondary
Education; A level education

Contents: Climate graphs; Cyclones. Packages
available separately.

BBC 40t unless otherwise requested

12-16+

Climates

Hill, T.A.J.

Harlow: Longman Micro Software

198-

BBC B; BBC B+; BBC Master 128; Acorn
Archimedes; £19.50 RM Nimbus/Network;
£20.00

Disk

Geography; Secondary education; Sixth form
education; Further education; Databases

Holds library data of rainfall/temperature for 80
stations which can be listed, displayed on a
climograph or located on the world map.
Includes reference system on all climate regions;
option for students to type in own statistics; and
a test routine.

BBC 40t, 5.25" DFS disk; Archimedes
compatible 3.5" disk; Nimbus/Network 3.5" disk
14-18

Clock

See: Deutsch direkt!

Clock

See: Primaths5

Clock

See: Educational 1

Clock

See: Count, Tiles, Shape, Boxes, Sequences,
Blocks 1 & 2, Clock, Stats and Logic 1.

Clock : disk 1

Northampton: Nordis Software

1988

Clock

BBC B; BBC B+; BBC Master; Master Compact;
£11.00 RM Nimbus; £12.90 (upon completion)

Disk; user manual

Life skills; Computer graphics; Special
educational needs; Computer games

With disk 2, uses and develops sequencing skills;
introduces naming of hands and writing time in
digital form. Available in Educational software
for overcoming learning disability packs.
Includes progress monitor.

40/80t disk; operated by Qwerty keyboard

Clock : disk 2

Northampton: Nordis Software

198-

Clock

BBC B; BBC B+; BBC Master; Master Compact;
£11.00 RM Nimbus; £12.90 (upon completion)

Disk; user manual

Life skills; Computer graphics; Special
educational needs; Computer games

With disk 1, uses and develops sequencing skills;
introduces naming of hands and writing time in
digital form. Available in Educational software
for overcoming learning disability packs.
Includes progress monitor.

40/80t disk; operated by Qwerty keyboard

Clock : disk 3

Northampton: Nordis Software

1988

Clock

BBC B; BBC B+; BBC Master; Master Compact;
£11.00 RM Nimbus; £12.90 (upon completion)

Disk; user manual

Life skills; Computer graphics; Special
educational needs; Computer games

With disk 4 offers further practice in recognition
of hours and writing of time. Introduces
counting of hours and writing of time; counting
in fives; identification five-fifteen points on the
clock. Includes progress monitor. Available in
Educational software for overcoming learning
disability packs.

40/80t disk; operated by Qwerty keyboard

Clock : disk 4

Northampton: Nordis Software

1988

Clock

BBC B; BBC B+; BBC Master; Master Compact;
£11.00 RM Nimbus; £12.90 (upon completion)

Disk; user manual

Life skills; Computer graphics; Special
educational needs; Computer games

With disk 3 offers further practice in recognition
of hours and writing of time. Introduces
counting of hours and writing of time; counting
in fives; identification five-fifteen points on the
clock. Includes progress monitor. Available in
Educational software for overcoming learning
disability packs.

40/80t disk; operated by Qwerty keyboard

Clock : disk 5

Northampton: Nordis Software

1988

Clock

BBC B; BBC B+; BBC Master; Master Compact;
£11.00 RM Nimbus; £12.90 (upon completion)

Disk; user manual

Life skills; Computer graphics; Special
educational needs; Computer games

With disk 6 provides practice on the five-fifteen
clock points; extends counting in fives up to
thirty; teaches additional points, completing all
the 5 minute points of the clock. Includes
progress monitor. Available in Educational
software for overcoming learning disability
packs.

40/80t disk; operated by Qwerty keyboard

Clock : disk 6

Northampton: Nordis Software

1988

Clock

BBC B; BBC B+; BBC Master; Master Compact;
£11.00 RM Nimbus; £12.90

Disk; user manual

Life skills; Computer graphics; Special
educational needs; Computer games

With disk 5 provides practice on the five-fifteen
clock points; extends counting in fives up to
thirty; teaches additional points, completing all
the 5 minute points of the clock. Includes
progress monitor. Available in Educational
software for overcoming learning disability
packs.

40/80t disk; operated by Qwerty keyboard

Clock mechanics

See : Time for work

Clocks

See: Games, activities and investigations : volume 1

Clocks

See: Mathematical investigations in the primary classroom

Clocks

Glasgow: Collins Educational
198-

Microspecial

BBC B; BBC B+; £20.00

Disk; documentation; teacher notes

Cross curriculum; Life skills; Puzzles; Problem solving; Special educational needs; Secondary education

A friendly, flexible program using a problem solving, structured approach, allowing teachers to design an individualised program, controlling difficulty level and altering data to suit requirements of pupils. Includes monitoring and assessment facility. Suitable for either individual or group use. Contained in Microspecial pack. Documentation available separately. Bulk purchases and site licences available - details from publishers.

11-15

Clown

See: Jigsaw and sliding puzzles

Clown snap

See: Circus

Clowne payroll

Doncaster: RESOURCE
198-

BBC B; BBC Master 128; £14.50 Econet; £24.50 E-Net; £26.50

Disk; documentation Econet and E-Net packs include 5 sets student documentation.

Business education; Secondary education; Data processing; Simulation

Aids the teaching of commercial data processing through a case study using a manual payroll system to introduce the concepts associated with a computerised system, and a simulation with students taking the role of a payroll clerk. LEA/Regional licences and bulk purchase discount available

BBC B/Master 5.25" 40t DFS; Econet 5.25" 40t; E-Net; 5.25" 40t. 80t DFS available - £1.50 surcharge per disk

11+

Cloze

Studley: LTS (Learning and Training Systems)
198-

BBC B; BBC Master; BBC Master Compact; RM Nimbus; £12.95 Econet Level 2/3; Filestore & SJ systems Network; £22.95

Disk

Language; Primary education; Secondary education; Sixth form education; Further education; Special educational needs

Allows teachers to prepare passages of text by

removing or hiding letters or words for Cloze procedure exercises. May be directed to allow any or only the correct replacement letter. Text may be printed either double size with missing letters for use as worksheets, or complete to aid marking.

Network software on 80t DFS with transfer instructions. For stand alone software, please specify format required.

7-18+

Cloze lines

Delmonte, Ellis

London: Aurora Educational Software

1988

RM Nimbus 512k: £17.00 RM Nimbus network; £42.50

Disk; manual

English; Language; Infant school education; Primary education; Secondary education; Further education; Adult education; Puzzles; Problem solving; Computer games

Consists of text editor, cloze editor, and cloze exercise. Editor allows a master text to be created in either 40 or 80 character mode. Once text is saved, cloze editor allows complete words to be selected for concealment - same master text can be used any number of times to set up a cloze passage. In the cloze exercise, the pupils try to decipher the hidden text. Games may be saved at any point. Includes simple, attractive scoring system.

Requires colour display. Benefits from mouse control.

8-adult

Cloze program

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £24.50 Econet; £58.50 RM Nimbus network; (up to 16 machines) £45.00; (up to 48 machines) £65.00

Disk; demonstration exercises; notes

Cross curriculum; English; Language; Primary education; Secondary education; Sixth form education; Further education; Authoring aids; Puzzles; Problem solving

Allows teacher to create, load and save own cloze exercises each up to five pages long. Exercises can be printed on any printer.

Only specify 80t if you cannot use 40t disks.

Cloze test

See : File writer and cloze test

Clozemaster

Jones, Christopher

London: Wida Software Ltd

198-

BBC B; BBC B+; BBC Master; £32.50 Apple; £27.50 BBC Econet Level 2/3; £65.00

Disks

English; Modern languages; French; German; Spanish; Primary education; Secondary education

Authoring programs which allow texts of up to 100 words to be entered; students chose deletion rate (every 5th to every 15th word); then type in gapped words. Allows production of gapped exercises on paper. BBC Clozemaster II allows texts to be converted for use with Gapmaster and also has a random gaps option. Available in English, French, German and Spanish.

BBC 40/80t; programs convertible by user for Master Compact. Apple II+, IIe, IIc and IIGs, under DOS 3.3. Programs convertible to PRODOS by user

8-15

Clozemaster : French version

Jones, Christopher

London: Wida Software Ltd

198-

Clozemaster

BBC B; BBC B+; BBC Master; £32.50 Apple; £27.50 BBC Econet Level 2/3; £65.00

Disk

Modern languages; French; Primary education; Secondary education

Authoring program which allows texts of up to 100 words to be entered; students chose deletion rate (every 5th to every 15th word); then type gapped words. Allows production of gapped exercises on paper. BBC Clozemaster II allows texts to be converted for use with Gapmaster and also has a random gaps option. Also available in English; German; and Spanish

BBC 40/80t; programs convertible by user for Master Compact. Apple II+, IIe, IIc and IIGs, under DOS 3.3. Programs convertible to PRODOS by user

8-15

Clozemaster : German version

Jones, Christopher

London: Wida Software Ltd

198-

Clozemaster

BBC B; BBC B+; BBC Master; £32.50 Apple; £27.50 BBC Econet Level 2/3; £65.00

Disk

Modern languages; German; Primary education; Secondary education

Authoring program which allows texts of up to 100 words to be entered; students chose deletion rate (every 5th to every 15th word); then type gapped words. Allows production of gapped exercises on paper. BBC Clozemaster II allows texts to be converted for use with Gapmaster and also has a random gaps option. Also available in English; French; and Spanish.

BBC 40/80t; programs convertible by user for Master Compact. Apple II+, IIe, IIc and IIGs, under DOS 3.3. Programs convertible to PRODOS by user

8-15

Clozemaster : Spanish version

Jones, Christopher

London: Wida Software Ltd

1985

Clozemaster

BBC B; BBC B+; BBC Master; £32.50 BBC Econet Level 2/3; £65.00

Disk

Modern languages; Spanish; Primary education; Secondary education

Authoring program which allows texts of up to 100 words to be entered; students chose deletion rate (every 5th to every 15th word); then type gapped words. Allows production of gapped exercises on paper. BBC Clozemaster II allows texts to be converted for use with Gapmaster and also has a random gaps option. Also available in English; French; and German.

BBC 40/80t; programs convertible by user for Master Compact. MS/DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1MB memory & IBMulator. Apple II+, IIe, IIc and IIgs, under DOS 3.3. Programs convertible to PRODOS by user

8-15

CNC Designer

Mold: TechSoft UK Ltd

1988

BBC B; BBC B+; BBC Master £295.00 Acorn Archimedes; £345.00

Disk; eprom

Craft, design, technology; Design; Computer assisted design

An integrated CAD/CAM system with a fully automatic post processor for CNC lathes. Features include fully automated part program generation: simple menu-driven operation; high resolution; partial arcs on all lathes; elliptical profiles on all lathes; screwthreads - internal, external, left and right hand; support for drilling and boring; tool turret operation; centre support for long components; parting off optional; support for coolant operation; 3D rotational view; tool path simulation; full print out of machining information; multi-file facility allowing part programs to be created and run that are much longer than the lathe software would normally support. All features dependent on capabilities of individual lathe. Includes Designer (BBC or Archimedes). Upgrade from Designer (BBC) available - £195.00 (post 1.10.89); £75.00 (pre 1.10.89); (Archimedes) - £150.00. Multiple copy prices/site licences available - details from publishers.

BBC with Acorn compatible DFS and disk drive. 40t or 80t disks; carrier type or cartridge type eprom. Written to suit individual lathe it is supplied for. Supports range of lathes, e.g. Boxford, Connect, Emco, Orac, Starturn, etc

11+

CNC link module

Frazer, Professor J. et al.

Toye, Downpatrick: Autographics Sales Ltd 1986

RM Nimbus; £40.00 IBM PC/AT; £40.00 Network versions; details from publishers

Disk; manual

Computer assisted design; Craft, design, technology; Secondary education

Additional module for Compas designer

3.5" or 5.25" disks

13+

Coal mining

Swift, Digby; Sowden, Ian S.; Robshaw, Les
Doncaster: RESOURCE

198-

BBC B; BBC Master 128; £14.50

1 disk; teacher's handbook; worksheets

Sciences; Industry; Computer studies; Puzzles; Problem solving; Simulation; Secondary education; Further education

A simulation of the use of computers in the running of a coal mine. LEA/Regional licences and bulk purchase discount available

5.25" 40t DFS disk; 80t DFS available - £1.50 surcharge per disk

11+

Coastal erosion processes

See: MEP / GAPE Project geography programs

Coastal map reading

Warminster: Soft Teach Educational

1990

BBC B; BBC B+; BBC Master 128; £22.00 Network; £44.00

Disk; manual; reproduction keys; key pad; screen dumps; reference map

Geography; Primary education; Secondary education

0948808152

A successor to General map reading. Encourages interpretation of O.S. maps, symbols, orientation, compass direction and the ability to follow symbolic references to an objective. Additional coloured maps are available @ £3.00

9-14

Coastal studies : programs for fieldwork

Hall, Graham; Jones, Medwyn

Dolgelau: Science Education Software 198-

BBC B; BBC Master 128; Econet; £21.50 + VAT
RM Nimbus; Acorn Archimedes; £22.50 + VAT
RM Nimbus Network; £37.50 + VAT

2 disks; 1 documentation booklet; 1 card

Geography; Secondary education; Computer graphics; Data processing

Designed to assist students in the display and interpretation of coastal field study data. Contents: Wave analysis; Beach profile by levelling; Cliff profile plotting; Beach sediment size variation; Beach sediment shape variation; Longshore variations in sediment; Sediment movement calculation; Kite diagrams of coastal vegetation.

BBC 40t, 5.25" disk; BBC 80t, 5.25" disk; RM Nimbus, Acorn Archimedes, 3.5" disk

Coca

Sheffield: COIC Software

198-

BBC B; BBC B+; BBC Master 128; BBC Master Compact; Acorn Archimedes; RM Nimbus; £22.00 Master ADFS - details from publishers.

Disk

Careers; Personal and social education; Secondary education; Sixth form education; Further education; Cross curriculum; Databases

A simple database which could be used in almost any area of the curriculum, e.g. a local database of careers information. Small careers database included. Available as part of 'Multi-program set'.

BBC B, B+, Master 128 (40t disks); Master Compact; Archimedes (3.5" disks); Nimbus (3.5" 720k). 40 or 80 track drive and colour monitor essential; parallel printer advisable. 5.25" disk versions run under DFS operating system. Networkable

14-16+

Code boxes

See: Fun school for over 8s

Codecracker

London: ITV Schools

198-

Mathematical eye

BBC B; BBC B+; BBC Master 128; £11.50

1 disk

Mathematics; Problem solving; Secondary education; Computer games; Databases

Encourages indepth exploration of mathematical ideas. The program is about the process of being mathematical making it particularly relevant to Attainment Targets 1 and 9. Skills exercised: recognising/using/creating number patterns, mapping of sets. Also contained in: Mathematical eye (price £40.25). Associated ITV Schools programme: Mathematical eye.

5.25", DFS

11-13

Codehunt, metro, reversi, fours, snakes and ladders

Northampton: Northamptonshire Computer Education Centre

198-

RM Nimbus; £25.00

Disk; documentation

Puzzles; Problem solving; Primary education

Contents: Codehunt; Metro; Reversi; Fours; Snakes and ladders. Bulk purchase discounts and licences available - details from publishers.

5-11

Codename: DROID : Stryker's run : part 2

Cambridge: Acornsoft

BBC B; BBC B+; BBC 128K B+; BBC Master 128; BBC Master Compact (40/80t); £11.95
BBC B; BBC B+; BBC 128K B+; BBC Master 128; BBC Master Compact (3.5"); £14.95

Disk; booklet

Puzzles; problem solving; Computer games; Primary education

A new challenge for Commander Stryker as he undertakes a perilous mission in the continuing struggle of the Allied Nations against the Volgans, locating and seizing their latest weapon.

40/80t disk; 3.5" disk

5+

Codeword

See: English pack 1

Coins

Glasgow: Collins Educational

198-

Microspecial

BBC B; BBC B+; £20.00

Disk; documentation; teacher notes

Mathematics; Cross curriculum; Life skills; Puzzles; Problem solving; Special educational needs; Secondary education

A friendly, flexible program using a problem solving, structured approach, allowing teachers to design an individualised program, controlling difficulty level and altering data to suit requirements of pupils. Includes monitoring and assessment facility. Suitable for either individual or group use. Contained in Microspecial pack. Documentation available separately. Bulk

purchases and site licences available - details from publishers.

11-15

Coinset

Lancaster: Syndicate Software

BBC B; BBC B+; BBC Master; £11.95

Disk; coins template; concept keypad overlay

Life skills; Mathematics; Special educational needs; Primary education; Secondary education

A set of programs with 7 options for familiarising pupils with money handling, ranging from coin recognition to calculating change from a selected amount for a given price

40t disk; compatible with 128-key concept keypad: please specify whether A3 or A4 overlay required

5+

Cointosser invention analyser

See: Probability and statistics programs

Collage

BECC (Birmingham Educational Computing Centre)

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

198-

Birmingham picture programs

RM Nimbus; £10.00

Disk

Language; Primary education; Special educational needs; Computer graphics

Collage allows pictures (or "collages") to be created with a number of smaller, movable pieces (or "snippets") on a fixed background. Backgrounds are full screen pictures, usually designed using BECC's Paintpot or the S.P.A. program PaintSpa. Although originally aimed at language development, new uses are being discovered

Collage toolkit

BECC (Birmingham Educational Computing Centre)

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

198-

Birmingham picture programs

RM Nimbus; £25.00

Disk

Language; Primary education; Special educational needs; Utilities; Computer graphics

For use with BECC's Collage disk. Background pictures can be transferred from other Birmingham programs or from S.P.A.'s PaintSpa. "Snippets" to be put on the backgrounds can be drawn or cut out from other pictures. Collage toolkit offers a full management system for Collage

Collect and drop

Dary, J.; Roman, C.

Gravesend: Fernleaf Educational Software Ltd 1985

BBC B (disk); £11.26 BBC B (cassette); £8.65

Disk or cassette

Language; Primary education; Secondary

education Puzzles; Problem solving; Computer games

Contained in Strategy games. For small groups of children. Coloured trucks on loops which allow for collection on the front or back of an engine have to be collected to make a train, while outwitting an opponent. Requires forward planning. Five levels of difficulty.

8-13

Collections

See: Think ahead

Collisions

Harlow: Longman Micro Software

198-

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; £19.50 BBC Econet; SJ file server; AMCOM E-Net; £30.00

Disk

Physics; Secondary education; Sixth form education; Further education; Simulation

Simulates physical processes during a collision between two objects: allows investigation of elastic/inelastic collisions.

BBC 40t, 5.25" DFS disk; BBC 80t, 5.25" disk

16-19

Colony

See: Problems and investigations in the primary school using the microcomputer as a resource: pack 1

ColorPaint

Haslingden: Principal Distribution Ltd.

198-

Apple Macintosh; £225.00

Disk

Art; Design; Computer assisted design; Craft, design, technology

An enhanced version of Cricket paint, with full colour support.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Colour

Rowell, Gilbert

Cambridge: Cambridge Micro Software

198-

Bright ideas

BBC B+; BBC Master; £7.50

Cassette

Physics

0521320569

Demonstrates, and tests user's understanding of colour addition and subtraction.

BBC B+ and Master cassette

Colour

SMDP

Glasgow: Scetlander

BBC B; BBC B+; BBC Master 128; £7.50

Disk; overlay for function keys; colouring book

Language; Life skills; Preschool education; Infant school education; Primary education; Special educational needs; Computer graphics 185572085X

Helps very young children and those with learning difficulties recognise and identify colours and match colours and words. Can be used with a concept keyboard, special keyboard and switches

BBC 5.25" disk

3-6

Colour and Optics

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); BBC Master Compact; Acorn Archimedes; Amiga; £24.50 Econet; £58.50

Disk

Physics; Secondary education; Sixth form education; Further education

Contents: Colour teaching/revision section on primary/secondary colours, colour addition as the appearance of coloured objects in different coloured light; experimental simulation of 3 coloured projectors focussed on a screen a multiple choice test section. Optics the concave lens; the convex lens; the concave mirror; the convex mirror; a multiple image option available in each section, allowing a series of ray diagrams to be drawn as the object moves towards or away from the lens/mirror

Only specify 80t if you cannot use 40t disks 14+

Colour and shape snap

Wisbech, Cambridgeshire: esm

198-

Infant software box; Early learner software box Concept software box

BBC B; BBC B+; BBC Master 128; £16.00

Disk

Puzzles; Problem solving; Preschool education; Infant school education; Primary education; Computer games

7 colour and 6 shape matching games graded challenge, motivate and develop discrimination skills. Contained in Infant software box; Early learner software box; Concept software box.

BBC 5.25" disk. Can be operated through BBC or Concept keyboard

3-6

Colour converter (for monochrome monitor users)

Barnet: Glentop Press Ltd

198-

GFA utility series

Atari ST; £24.95

Disk

Utilities

1851812148

Allows middle, as well as low resolution to be displayed, with two depiction modes available

16+

Colour me

See: Colour me; Build me

Colour me and Build me

Worth school
Crawley: W.E. Soft
1987
BBC B; BBC B+; BBC Master 128; £10.00

Disk; overlays
Language; Preschool education; Infant education; Primary education; Special educational needs

Contents: Colour-me (the user first colours a picture, then relates the coloured picture to colours on the overlay; then relates the colours to the words for the colours); Build-me (builds up colourful block pictures as the user presses the correct coloured area on the overlay. Includes 4 overlays involving a gradually extended range of choice of colours)

Please specify whether 40t or 80t disk required. Please specify whether A3 or A4 overlays are required. (If both required, extra charge £5.00.) Uses Concept keyboard

4+

Colour path

Dary, J.; Roman, C.
Gravesend: Fernleaf Educational Software Ltd
1985

BBC B (disk); £11.26 BBC B (cassette); £8.65
Disk or cassette

Language; Primary education; Secondary education; Puzzles; Problem solving; Computer games

Contained in Strategy games. For small groups of children. The aim is to complete a path of one colour from an outer ring to the centre. As opponents can move colours in each ring, so causing problems, the game requires thinking ahead.

8-13

Colour path

See: Think it out

Colour screenprint (not Star)

Blackwell, Bristol: Arrowsoft Educational Software
1988-

BBC B; BBC B+; BBC Master; £39.95 BBC B; BBC B+; BBC Master (class pack); £160.00

Single copy: ROM and label; manual; installation instructions Class pack: 5 ROMS and labels; manual

Utilities

A screenprinting program enabling any screen to be printed from any program; Using Integrex/Canon or inkjet colour printer, prints in colour; with Epson compatible printer, black and white prints can also be obtained. Ideal for instant feedbacks; permanent records; follow up work; editing; display.

Requires Integrex/Canon or inkjet colour printer or Epson compatible printer.

5+

Colour screenprint for Star

Blackwell, Bristol: Arrowsoft Educational Software
1988-

BBC B; BBC B+; BBC Master; £39.95 BBC B; BBC B+; BBC Master (class pack); £160.00

Single copy: ROM and label; manual; installation instructions Class pack: 5 ROMS and labels; manual

Utilities

A screenprinting program enabling any screen to be printed from any program; Using Star or other dot matrix colour printer, user can select a colour or black and white dump. Ideal for instant feedbacks; permanent records; follow up work; editing; display.

Requires Star or other dot matrix colour printer.

5+

Colour session

Exeter: Maxima Communications plc
198-

Session series

Apple Macintosh; £311.00

Disk

Communication; Utilities; Business education; Computer graphics

Incorporates all of Business session and Graphics session features; emulates the HP2393 colour terminal, providing full colour display of text and graphics, with support for all HP colour pens and both RGB and HSL colour models.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Colour topics

Pearson, Colin
Plymouth: Garland Computing
1987

BBC B; BBC B+; BBC Master 128; £17.65 RM Nimbus; Acorn Archimedes; £20.00 Nimbus network; £37.65 Econet; £35.30

Disk

Physics; Computer graphics; Secondary education; Sixth form education; Further education

Covers addition of coloured light; filters; colour of objects through filters; contains explanatory sections and tests. For use by pupils unsupervised. Site licences, multiple copy discounts available; details from publisher

BBC 40 or 80t (please specify). RM Nimbus versions supplied with BBC- BASIC

14+

Colour train

See: Fun school for under 6s

Colour 1

See: Basic package

Colour 2

See: Basic package

Colour 3

See: Basic package

Colourbox

Harrogate: Nidd Valley Micro Products Ltd.
198-
BBC B; BBC B+; BBC Master 128; BBC Master

Compact; £13.00 BBC B; BBC B+; BBC Master 128; BBC Master Compact; (with Digimouse) £39.05

Disk; documentation

Art; Design; Craft, design, technology; Primary education; Secondary education

Easy to use colouring and graphics design software, featuring pull down windows, mode 1 colouring facilities. Available in pack with Illustrator.

40t, 80t or Compact 3.5" disk. Mouse operated.

5+

Colourbox and Grafik and Chauffeur

Harrogate: Nidd Valley Micro Products Ltd.
198-

BBC Master Compact; £21.65

Disk; documentation

Art; Design; Craft, design, technology; Utilities; Computer graphics

Contents: Colourbox (colouring and graphics design software); Grafik (design software); Chauffeur (mouse driver utility). Colourbox program available separately; Grafik and Chauffeur available without Colourbox.
3.5" disk

Colourcopter

Harding, Robert; Keate, Elizabeth
Wisbech, Cambridgeshire: esm
1985

BBC B; B+; BBC Master 128; BBC Master Compact; £25.00

1 disk; 1 booklet; 16 keyboards

Computer games; Preschool education; Infant school education; Primary education; Language; Cross curriculum

Contains 7 programs to develop matching, sorting, co-ordination, letter and word recognition in games involves colouring; playing dominoes; dressing cats with coloured hats; and flying helicopters to sort bricks. Pop-it overlays for BBC available: £2.00. Contained in Infant software box; Early learner software box and Concept software box.

BBC 5.25" disk; Compact 3.5" disk

3-6

Coloured triangle

See: Vivid

Colouring puzzle

See: Maths with a story 1

Colours

See: Therapy games (series 2)

Colours

See: Science in process : pack 3

Colours and shapes

See: Single switch programs

Colourword

Glasgow: Collins Educational
198-

Microspecial

BBC B; BBC B+; £20.00

Disk; documentation; teacher notes

Language; Computer studies; Cross curriculum;
Life skills; Puzzles; Problem solving; Special
educational needs; Secondary education

A friendly, flexible program using a problem
solving, structured approach, allowing teachers
to design an individualised program, controlling
difficulty level and altering data to suit
requirements of pupils. Includes monitoring and
assessment facility. Suitable for either individual
or group use. Contained in Microspecial pack.
Documentation available separately. Bulk
purchases and site licences available - details
from publishers.

11-15

Colshap

See: Project programs : first stage

Columns

See: Think ahead

Comal

Cambridge: Acornsoft

BBC B; BBC B+; BBC 128K B+; BBC Master
128; BBC Master Compact; Acorn Archimedes;
£43.35 Econet; £110.00

ROM; User guide

Programming languages;

A general purpose language, including features
which encourage well structured programming
and facilitate debugging and maintenance of
software. Compatible with 6502 second
processor or Turbo.

ROM; Runs on Archimedes under 6502
emulator.

12-16+

Comal demons

Glasgow: Scetlander

BBC B; BBC B+; BBC Master 128; £10.00

Disk

Computer studies; Programming languages;
Problem solving; Secondary education; Sixth
form education; Further education; Computer
graphics

1855720965

Demons are procedures/functions to carry out
the major operations to allow a pupil to code a
program to solve a problem, using the 'top-down'
approach. Derived from Basic, Comal gains the
structures and parameter passing of the best
PASCAL implementations.

BBC 5.25" disk. Requires a Comal ROM (not
supplied) to be fitted into the BBC
Microcomputer

14-18+

Combine

See: Longman music pack : composing and
experimenting with music

Comedy of Errors

London: Sussex Publications Ltd; World
Microfilms

198-

Shakespeare on disk

IBM PC and compatibles; RM Nimbus; £25.00

Disk; manual

English; English literature; Secondary
education; Sixth form education; General
Certificate of Secondary Education; A level
examinations

ASCII text file, allowing MS DOS word
processors to be used to perform analyses of A
Comedy of Errors; scan the entire play for
keywords; compare vocabulary and speeches
among several plays; prepare tests; print out
dramatic scripts with comments and stage
directions; print copies of the plays and selected
passages; add comments, notes, critical opinion
etc. into the text.

11+

Command

St. Albans: Beebugsoft Ltd

198-

BBC B; BBC Master 128; £39.00 (£29.95
members' discount price)

ROM

Communication; Viewdata;

A command driven communications ROM.
Facilities include ease of use of all major
functions through a function key; Viewdata
terminal; Text terminal; Telephone directory;
Viewdata editor.

Hayes compatible version works with Linnet and
other Hayes-compatible modems. Works with
Magic modem, Le modem, Enterprise modem.
Please state which version required

Communication

See: Information technology project : a complete
modular course in IT : teaching pack 2

CommuniTel : level 1

Frensham, Farnham: CommuniTel Systems
Ltd

198-

BBC; £55.00 RM Nimbus; Acorn Archimedes;
£45.00 RM Nimbus; Acorn Archimedes
network; £90.00

Disk; tutorial manual; training frames; technical
manual; leads and modem

Viewdata; Computer studies; Cross curriculum;
Schools; Educational administration

A fully integrated viewdata system, enabling
Auto-dial and Log on to any public or private
viewdata system plus telesoftware downloading,
saving frames, printing frames, sending
messages or complete frames. Includes system
menu; offline editor; search; carousel; frame
printer; terminal (BBC only). Nimbus version
includes program to convert frames saved when
online using Contact; Archimedes version will
shortly have similar facility for converting
frames when online using Hearsay.

11-16

CommuniTel : level 2

Frensham, Farnham: CommuniTel Systems
Ltd

198-

BBC; £95.00 RM Nimbus; £130.00 RM Nimbus
network; £180.00

Disk; tutorial manual; training frames; tech
manual; leads and modem

Viewdata; Computer studies; Cross curriculum
Schools; Educational administration

As Level 1, but with additional features of a
line Host system; local telesoftware format
and electronic mailbox. Upgrade from L12
L2 DFS/Network; £45.00.

11-16

CommuniTel : Level 2 ADFS

Frensham, Farnham: CommuniTel Systems
Ltd

198-

BBC; £130.00

Disk; tutorial manual; training frames; tech
manual; leads and modem

Viewdata; Computer studies; Cross curriculum
Schools; Educational administration

As level 2, but providing a database of up to
pages using a d/s 80t disk or thousands of p
with a stand alone Winchester. Provides a
response frame facility which stores response
in its own response frame file. Upgrade from
Level 2 DFS/Network; £45.00

11-16

CommUnity-Mac

Exeter: Maxima Communications plc

198-

Apple Macintosh; £495.00 (with
documentation); £355.00 (ex. documentation)

Disk

Communication

Networking software allowing a Macintosh
communicate with Digital Equipment
computers on a DECnet Phase IV network.
Allows Macintosh to share computer resource
applications software; data and peripherals
no additional hardware or software required
the host. Operates on an asynchronous or
Ethernet network; supports several controls

Works on current Macintosh systems with
least 1Mb RAM; please check required
configuration.

Compact bumper pack 1

Swansea: HS Software

1986

Read-right-away

BBC Master Compact; £19.95

Disk; booklet

English; Reading skills; Primary education;
Secondary education; Computer graphics

Contents: Reading packs 1 (Splashdown - six
word building; Firefight - consonant pairs);
Pyramids - ch, sh, th, wh; Sploosh - double
vowels); 3 (Magic E - magic E spelling rule;
Break-in (soft "c", soft "g" sound); 4 (Sorts
alphabetical sorting of letters/words;
Letterbugs - unscrambling hidden words). P
available separately.

BBC Master Compact 3.5" disk

5-11

Compact bumper pack 2

HS Software

1986

BBC Master Compact; £19.95

Disk; booklet

English; Reading skills; Personal and social education; Mathematics; Infant school education; Primary education; Computer games

Contents: Bert Boot (multiplication/division problems); Carryadd (addition and subtraction with or without carrying); Adventurous English (grammar and language skills); Entertaining English (verb tenses); Roadcraft 1 (road safety skills). Programs available separately.

BBC Master Compact 3.5" disk
5-12

Compact system

Edinburgh: CALL (Communication Aids for Language and Learning) Centre
198-

Apple Macintosh; BBC; details from publishers
Disk; manual
Special educational needs
Public domain software

Compact system : computer assisted curriculum teaching system

Harrison, Derek Dr (au.); Giles, Alan (ed.); Wall, Bob (ed.)

London: ILECC (Inner London Educational Computing Centre)

198-

IRM Nimbus; £28.00 (with A4 and A3 concept keyboard overlays) RML 380Z; £40.00 (with A4 and A3 concept keyboard overlays) RML 480Z; £28.00 (with A4 and A3 concept keyboard overlays)

4 disks; 1 documentation manual; 97 concept keyboard overlays

Special educational needs; Cross curriculum; Infant school education; Primary education; Language; Art

The programs have been designed for people with learning difficulties and gives control over the computer by means of switch systems. It helps to develop colour, size, picture recognition, language structure. By means of input devices (concept keyboard or Micromike) the children can create pictures and control the movement of an animated character for use in language or art work.

Micromike or concept keyboard and switches are required

5-14+

Compact 1 programs

Harrison, Derek R., Dr

Kidderminster: British Institute of Mental Handicap

1998-

Compact system

BBC B; £5.00

2 disks; documentation

Special educational needs; Computer graphics; Puzzles; Problem solving; Life skills

38 programs, designed to illustrate how the graphics and sound facilities of the computer be used in combination with various switch systems as a teaching aid for those with severe learning difficulty or special educational needs. Programs cover visual attention; visual skills; spontaneous switch use; cause-effect; colour recognition; picture recognition; action words; simple problem solving; general communication skills.

Uses single, 2 switch and 4 switch system with

Micrex user port interface box; Micromike; Star A4 or A3 Concept keyboard with suitable overlays; Interface Designs joystick to user port operates all switch programs.

Compact 2 programs

Harrison, Derek R., Dr

Kidderminster: British Institute of Mental Handicap

198-

Compact system

BBC B; £5.00

2 disks; documentation

Special educational needs; Art; Design; Computer graphics

45 programs which utilise the graphics facilities of the computer to explore the world of pictures, allowing choices of colour, size, pictures at varying levels of complexity, producing pictures on screen varying from single ones to composite ones. Develops the concepts of colour, size and picture recognition.

Uses single, 3 switch and 4 switch system with Micrex user port interface box; Micromike; Star A4 or A3 Concept keyboard with suitable overlays; Interface Designs joystick to user port operates all switch programs.

Compact 3 programs

Harrison, Derek R., Dr

Kidderminster: British Institute of Mental Handicap

198-

Compact system

BBC B; £8.00

4 disks; documentation

Special educational needs; Language; Computer graphics

78 programs using an animated man performing a number of actions in different situations, for use in language development work. Programs vary from single actions to four actions with a program and cover action words, positional words, directional words, colour and size, providing a range of structures and action sequences. There are separate multi-switch and Concept keyboards versions of each program and Micromike versions of several.

Uses 2, 3 and 4 switch system with Micrex user port interface box; Star A4 or A3 Concept keyboard with suitable overlays; Micromike

Compact 4 programs

Harrison, Derek R., Dr

Kidderminster: British Institute of Mental Handicap

198-

Compact system

BBC B; £8.00

4 disks; documentation

Special educational needs; Art; Design; Language; Puzzles; Problem solving; Language; Computer graphics; Life skills

64 programs which extend the range of the previous Compact suites. Includes further improved single switch and Micromike pattern production and painting programs; multiple switch picture production, picture building and painting programs, single switch picture exposure programs and multiple switch animation programs dealing with prepositions.

Uses single and multiple switch system with Micrex user port interface box; Micromike; Star A4 or A3 Concept keyboard with suitable

overlays; Interface Designs joystick to user port operates all switch programs.

Compaidd crossword

Tunbridge Wells: Compaidd Trust

1987

BBC B; BBC Master 128; £5.00 BBC Master Compact; £10.00

Disk; manual

Special educational needs; Language; Spelling; Puzzles; Problem solving

Allows keyboard user to solve any from a bank of crossword puzzles; and to save half-finished puzzles for future completion. New puzzles can be created and stored for later use. Menu-driven

BBC 80t 5.25" DFS disk (please specify if 40t required). Keyboard only

Companion ROMs

Llandudno: Micro Help

198-

Micro Help companions (on-screen help)

BBC B; BBC B+; BBC Master; £49.95 (ROMs)
BBC B; BBC B+; BBC Master; £19.95 (ROM image on disk)

4 ROMs or 1 disk

Word processing; Programming languages; Computer programming; Utilities

Contents: Wordwise companion; BASIC companion; Programmers companion; Machine code companion. Each provides on-screen help with a selection of 15 helpscreens appropriate for programming and word processing, utilizing the BBC computer's ability to use up to 240k of sideways ROM in addition to the running language, making it accessible at the same time. Customising service available (£24.95). Each available separately as ROM (£19.95) or ROM image on disk (£8.95); any two ROMs £29.95; any three ROMs £39.95. Discounts offered on quantity orders

ROM or ROM image on disk for loading into Sideways RAM

Comparative economic data

Hurd, Stephen; Watson, Deryn

Harlow: Longman Micro Software

1987

Computers in the curriculum

BBC B; BBC B +; BBC Master 128; £19.50

40t; 1 disk; 1 documentation booklet; 1 instruction sheet for back-up copies; students' leaflets

Economics; History; Geography; Secondary education; Databases

0582267013

Contains UK regional data together with comparative data from countries at different stages of economic development - which can be compared/displayed on bar graphs

BBC 40t, 5.25" DFS disk

14-16

Compas advanced

Frazer, Professor J. et al.

Toye, Downpatrick: Autographics Sales Ltd

1984

BBC Master; BBC B or BBC B+ with second processor; £300.00

Disk; manual

Computer assisted design; Craft, design, technology; Secondary education; Sixth form education; Further education

A professional standard CAD/CAM system providing a range of easy to follow commands for drafting, editing, drawing, storage and output. Facilities include spline curve fitting; automatic dimensioning, shape dragging; 3D views in any one of 7 projections; CNC link taking the Compas shape data and producing instructions required to machine component on lathe. Stand alone or network systems available.

5.25" disk

14+

Compas CAM

Frazer, Professor J. et al.

Toye, Downpatrick: Autographics Sales Ltd
1986

BBC B; BBC B+; BBC Master; £55.00

Disk; manual

Computer assisted design; Craft, design, technology; Secondary education

An introduction to the basic principles of CAM. Allows user to draw accurate profile; view it on 3D wire frame; automatically generate G codes and visually check matching sequence. Program can be stopped at any point to permit user to screen dump to a printer. Available in package with Compas starter (£130.00).

5.25" disk

13+

Compas designer

Frazer, Professor J. et al.

Toye, Downpatrick: Autographics Sales Ltd
1986

RM Nimbus; £170.00 IBM PC/AT; £210.00
Network versions; details from publishers

Disk; manual

Computer assisted design; Craft, design, technology; Secondary education

A 3D solid modeller, designed to aid conceptual 3D thinking, designing and visualisation, and to encourage users to actively explore alternative approaches to design methods. Includes many features to review and change any design parameter. Designed specifically for the educational market, to provide a greater awareness of the role of design in manufacturing and to provide an easy to use design program. Additional modules available.

3.5" or 5.25" disks

13+

Compas starter

Frazer, Professor J. et al.

Toye, Downpatrick: Autographics Sales Ltd
1985

BBC B; BBC B+; £95.00

Disk; Manual

Computer assisted design; Craft, design, technology; Secondary education

Provides a range of basic facilities to introduce younger students to CAD, including drawing and editing shapes; manipulating screen images; storage and retrieval; using a database; obtaining useful hard copy. Features include autodimension; fillet; grid; hatch; text; zoom; manipulative routines, e.g. repeat and rotate. Allows shapes to be given thickness or height which can be viewed in a variety of standard projections. Provides automatic generation on G

codes to drive CNC lathe. Available in package with Compas CAM (£130.00)

5.25" disk

11+

Compas starter and Compas CAM

Frazer, Professor J. et al.

Toye, Downpatrick: Autographics Sales Ltd
198-

BBC B; BBC B+; BBC Master; £130.00

Disk; manual

Computer assisted design; Craft, design, technology; Secondary education

Contents: Compas Starter (an introduction to CAD); Compas CAM (an introduction to CAM). Programs available separately.

5.25" disk

11+

Compass points

1855720345

See: Pathway to bearings : Suite B

Compass points and bearings

See: Introducing map skills 2.

Competition

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £19.50 RM Nimbus; £24.50 RM Nimbus network; (up to 16 machines) £45.00; (up to 48 machines) £65.00

Disk

Economics; Secondary education; Sixth form education; Further education

Contents: Revenue maximisation in imperfect competition graphical representation of firm in imperfect competition, finding the revenue maximising level in different demand conditions. Profit maximisation in perfect competition varying output to find the profit maximising level for different market prices. Marginal and average economic variables investigations in the context of costs, productivity and propensity to consume. Marginal productivity theory graphical representation of firm maximising profit by altering size of workforce. Available as pack with Demand and Supply

Only specify 80t if you cannot use 40t disks

13+

Compleat meal planner

Howden, Jane; Boyd-Clarke, Marie; Pettit, Gwyneth

Otley: Academic Software

1986

BBC B; BBC B+; BBC Master; Acorn Archimedes; £24.00 (educ) or site/LEA license

Disk; documentation

Home economics; Secondary education; Databases; Puzzles; Problem solving

Contains nutritional data for a wide range of foods and ingredients; and a selection of multi-cultural recipes, which can be combined into a diet and nutritionally analysed. Ingredients, equipment and work plan for each recipe may

be printed out. Features icon representation of work planning exercises

BBC 80t d/s disk; requires twin d/s 80t drive Archimedes 3.5" disk

13+

Complete C

St. Albans: Beebugsoft Ltd

198-

BBC B; BBC Master 128; £75.00 (members' discount price)

2 ROMs; library disk; stand alone generator & The C Programming Language book (2nd ed) Programming languages

A full implementation of the programming language C, including comprehensive library functions. Features include support for Acorn operating systems; power command line interpreter; expandable run-time library on a full macro-handling; debugging facilities; helpful error messages.

80t; requires text editor or word processor such as View, Wordwise, Interword, etc.

Complete compact system

Harrison, Derek R., Dr

Kidderminster: British Institute of Mental Handicap

198-

Compact system

BBC B; £24.00

12 disks; documentation

Special educational needs; Computer graphics; Language; Art; Design; Puzzles; Problem solving; Life skills

225 programs for those with severe learning difficulties and special educational needs. As covered include attention; visual skills; audio skills; spontaneous motor movement; cause-effect; simple problem-solving; control; picture recognition; colour; shape; size; language structure (comprehension, expressive language; sign language; prepositions); spatial concept sequencing; visual and analytical perception skills, choice and decision making.

Uses single, 2 switch and 4 switch system with Micrex user port interface box; Star A4 or A Concept keyboard with suitable overlays; Interface Designs joystick to user port operation all switch programs.

Complete desktop publisher

Adlington, Macclesfield

Database Software

198-

Amstrad PCW; £79.95

Disk; manual; mouse and interface

Desktop publishing; Art; Design

Complete speller

Newcastle Upon Tyne: Northern Micromedia
1990

BBC B; BBC Master; £13.50

Language; Spelling; Primary education; Secondary education

A graded spelling course based on a research order of difficulty. The program can be easily adapted by the teacher and extended to meet individual needs

Complete wordsearch

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £24.50 RM Nimbus; £24.50 RM Nimbus Network; (up to 16 machines) £45.00; (up to 48 machines) £65.00 Econet; £58.50

Disk

English; Modern languages; Secondary education; Sixth form education; Further education; Puzzles; Problem solving; Computer games; Content free programs

A word square program - various difficulty levels for a 20 x 20 letter grid which may be converted into a puzzlesearch to locate hidden words.

Only specify 80t if you cannot use 40t disks.

12+

Composer

Lydiat, Mike

Doncaster: RESOURCE

1988

IBM B; BBC Master 128; £18.50

1 disk; documentation booklet; keypad

Music; Primary education; Secondary education

Allows users to create, replay and print their compositions, utilising the sound facilities of the IBM micro to create melodies, transpose them and replay them using different voices and envelopes. Includes full screen display of music staves; option to replay at different speeds. LEA/Regional licences and bulk purchase discount available

5.25" 40t DFS disk. 80t DFS available - £1.50 surcharge per disk

110-14

Compound

McMullan, J.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1 982

BBC B; £4.00

Disk

Chemistry; Sciences; Secondary education; Computer games

Qualitative analysis guessing game; up to six players identify compounds from chemical tests.

Compound identification

See: Chemical games pack

Compound words

Forbes, Stuart

Cardiff: Drake Educational Associates

198-

Language centre

BBC B; BBC B+; BBC Master; £12.00

1 disk; 1 booklet

Language; English; Reading skills; Infant school education; Primary education; Special educational needs

One of the programs in Language centre series which motivates reading and can be used to test individual learning problems

5-11

Compresspics

See Drawmouse 1, Chetlodge Ltd.

Computavisit

Sheffield: COIC Software

198-

BBC B; BBC B+; BBC Master 128; BBC Master Compact; Acorn Archimedes; RM Nimbus; £21.00 Master ADFS - details from publishers

4 disks

Business education; Economics; Careers; Secondary education; Simulation; Further education; Sixth form education

Allows students access to a wealth of information through a number of computer-simulated visits to industrial or commercial premises. Available as part of 'Multi-program set'.

BBC B, B+, Master 128 (40t disks); Master Compact; Archimedes (3.5" disk); Nimbus (3.5" 720k). 40t or 80t drive and colour monitor essential, parallel printer advisable. 5.25" disk versions run under DFS operating system. Networkable.

14-16+

Computer appreciation

Friman, Ben

Rushden: Accu Tech Software Services

1987

£160 (10 student licence) to £600.00 (site licence for up to 500 students) 10% educational discount

Disk; documentation

Business education; Computer studies; Adult education

A non-technical 2/3 hour course to introduce computing for clerical staff, etc., explaining why computers are used; the sort of jobs they are good and bad at, names of the devices, where software comes from, value of data, etc.

Please state machine, operating system and disk or tape size and capacity

18+

Computer awareness

Sheffield: COIC Software

198-

BBC B; BBC B+; BBC Master 128; BBC Master Compact; Acorn Archimedes; £39.50 Master ADFS - details from publishers

Disk

Sciences; Craft, design, technology; Computer studies; Word processing; Databases; Spreadsheets; Secondary education; Sixth form education; Further education; Adult education; Information handling

Five programs designed to give a basic knowledge of computing terms and show how a computer facilitates text manipulation, information handling 'what if' arithmetical calculations. Suitable for adult learning and training schemes.

BBC B, B+, Master 128 (40t or 80t disks); Master Compact; Archimedes (3.5" disk) 40 or 80 track drive and colour monitor essential; parallel printer advisable. 5.25" disk versions run under DFS operating system. Networkable.

14-18+

Computer awareness

Holgate, P.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1985

BBC B; £10.00

Disk; Documentation

Computer studies; Control technology; Primary education; Computer games; Computer programming

Three linked programs for primary education. Contents: Copycat (a colourful, tuneful game that encourages concentration and memory use); Magnify (shows the computer as a tool controlled by the user by acting as a message, shape and pattern generator); Shepherd (a 'pre-logo' game, also available separately, price £6.00).

Computer control

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £24.50 Acorn Archimedes; RM Nimbus; £24.50 RM Nimbus network; (up to 16 machines) £45.00; (up to 48 machines) £65.00 Econet; £58.50

Disk; student notes and worksheets

Computer studies; Control technology; Secondary education; Simulation

Three programs simulating the control of a greenhouse, of a robotic arm and of a chemical plant, aimed at helping students appreciate how computers use signals in input and output ports to control various applications, and encouraging them to develop algorithms to control the process

Only specify 80t if you cannot use 40t disks

14-16

Computer dating

See: Simulations

Computer languages

Glasgow: Scetlander

BBC B; BBC B+; BBC Master 128; £10.00

Disk

Computer studies; Data processing; Secondary education; Sixth form education; Further education; Computer graphics

1855720906

Allows students to see a visual representation of the most important processes of the translation and execution of a simple program by Interpreters, Compilers and Assemblers.

BBC 5.25" disk

12-18+

Computer signposts

Sheffield: COIC Software

198-

BBC B; BBC B+; BBC Master 128; BBC Master Compact; Acorn Archimedes; RM Nimbus; IBM PC; £25.00 Master ADFS - details from publishers

Disk

Careers; Secondary education; Sixth form education; Further education

Provides fast search facilities for 281 jobs in the Signposts box. Users can search by interest, subject or the CLCI index. Can be used stand-alone, but publishers recommend its use in conjunction with the Signposts box (£30.00) which contains additional information including useful addresses.

BBC B, B+, Master 128 (40t disks); Master Compact; Archimedes (3.5" disks); Nimbus (3.5" 720k). 40 or 80 track drive and colour monitor essential; parallel printer advisable. 5.25" disk versions run under DFS operating system. IBM versions require CGA capability in older machines. Networkable.

16+

Computer studies unit

Basingstoke: MacMillan Education

198-

Updating for business

BBC; IBM MS/GW basic; IBM Amstrad 1512/1640; £125.00

Disk

Computer studies; Business education; Adult education

0333425472

An introductory program providing students from all backgrounds with knowledge and practical experience of the use of computer systems. Covers what a computer is, how it works, how it is operated, how to assess the value of introducing computer technology into an operation

18+

Computer studies unit : Program and program design software disk

Basingstoke: MacMillan Education

198-

Updating for business

BBC; £6.95 IBM MS/GW basic; IBM Amstrad 1512/1640; £28.95

Disk

Computer studies; Business education; Adult education; Computer programming

0333431219

Software from the Computer Studies Unit introductory program providing students from all backgrounds with knowledge and practical experience of the use of computer systems

18+

Computerised flashcards

Hollins, A.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1987

BBC B; BBC Master 128; £8.00

Disk

English; Language; Spelling; Reading skills; Primary education

Provides two suites, each covering household objects, outside objects, transport and numbers, designed to reinforce word recognition.

Computers at work : the work game

Chepstow: AVP Computing

BBC B; BBC B+; BBC Master 128; £24.50

Business education; Computer studies; Information handling; Databases; Secondary education; Sixth form education

Contents : The work game; Database and Robot.

11+

Computers in home economics

Hatfield: Advisory Unit

198-

INSET resource packs

BBC B; BBC B+; BBC Master 128; BBC Master Compact; Econet; RML 480Z; RM Nimbus; £30.00 RM Nimbus upgrade (disk only); £5.00

2 disks

Home economics; Secondary education

0 946039 55 0

A powerful introductory course including 2 data disks based on 5 modules. Bulk order discounts available.

Please specify machine version required.

11+

Computers in the teaching of history

Hatfield: Advisory Unit

198-

Inset resource packs

BBC B; BBC B+; BBC Master 128; Econet; RML 380Z; RML 480Z; £30.00

2 disks

History; Primary education; Secondary education

1 85606 010 1

Includes 2 disks and some introduction to the use of MicroProlog shells in investigative history. Bulk order discounts available.

Please specify machine version required.

7+

Comp-u-cater

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £24.50

Disk; manual

Home economics; Nutrition; Secondary education; Sixth form education; Further education

A menu planner and recipe file; allows a six item menu to be planned from 228 recipes; print-outs for the table; kitchen and shops. Includes facility to amend, delete, or substitute any of the provided recipes

80t only

13-19

Concave lens

See: Optics

Conceal

See: Games, activities and investigations : volume 2.

Concentration

Delmonte, Ellis

London: Aurora Educational Software

1988

RM Nimbus 512k: £16.50 RM Nimbus network; £41.25

Disk; manual

Puzzles; Problem solving; Primary education;

Secondary education; Further education; Adult education; Computer games

A computerised version of the popular card game, in which the cards are replaced by pictures which are turned by clicking a mouse pointer on the hidden tile. Various menu options in choice of tiles such as "Transport" or "Flora". A match may be two identical pictures, two identical words or a matching word and picture.

Requires colour display. Requires mouse.

8-adult

Concept

Coventry: NCET

1988

BBC B; BBC Master; £9.00

2 disks; 3 A3 and A4 concept keyboard overlays

Primary education; Special educational needs; Utilities

1853790559

A utility program making many BBC programs accessible from a concept keyboard, and also edit and print out overlay files. Includes 3 overlay files for use with: The lost frog, Maths and Wordwise. Licensing agreements/large orders; details from publishers.

40t

5+

Concept Kate's keyboard

See: Concept kids

Concept Ken's cartoon

See: Concept kids

Concept keyboard matching

Glasgow: Scetlander

BBC B; BBC B+; BBC Master 128; £10.00

Disk; blank overlays

Reading skills; Mathematics; Special educational needs; Content free programs

1855720981

A content free program which allows numbers words and letters displayed on the screen to be appropriately matched up with pictures, clo faces, etc. Maintains a detailed record of results.

BBC 5.25" disk

Concept keypad junior pack

LTS (Learning and Training Systems)

Studley, Warwickshire: LTS (Learning and Training Systems)

1984

BBC B; BBC Master; BBC Master Compact; Nimbus; £11.95

1 disk; 1 documentation booklet; workcards

Reading skills; Infant school education; Primary education; Special educational needs

Contents: Shape finder; Pairs. Programs provide exercises in shape and letter recognition, memory, discrimination and matching. May be used to improve necessary pre-reading skills in young children or with older children experiencing difficulties in acquiring these skills.

Designed for use with a Star Microterminal Concept keypad but may be used with the f

Microcomputer's normal keyboard. Please specify format in which material is required.
4-10

Concept kids

Hosler, Simon
Sherston: Sherston Software
1989
BBC B; BBC B+; BBC Master 128; BBC Master Compact; (single pack) £22.00 BBC B; BBC B+; BBC Master 128; BBC Master Compact; (small lab pack) £44.00 BBC B; BBC B+; BBC Master 128; BBC Master Compact; (large lab pack) £66.00
Single pack: 2 disks; 1 children's booklet; 1 teacher's booklet; A3 and A4 colour concept keyboard overlays Small lab pack: 1 copy of full pack plus 5 extra copies of disk Large lab pack: 2 copies of full pack plus 10 extra copies of disk
Language; Art; Sciences; Puzzles; Problem solving; Infant school education; Primary education; Computer graphics; Creative writing
Contents: Concept Kate's keyboard (children help Kate walk, jump, crawl, climb, etc. through the Concept Kingdom); Concept Ken's cartoon (open ended language and art activity in which children create their own cartoons and add text with an integrated wordprocessor); Concept IKim's challenge (open ended science and problem solving activity in which children help IKim land his rocket).
BBC 40t 5.25" DFS; BBC 80t 5.25" DFS; BBC Compact 3.5" ADFS disk. 3.5" DFS and 5.25" ADFS disks also available. Requires concept keyboard
5-11

Concept Kim's challenge

See: The concept kids

Concept of a system

See: Information technology project : a complete modular course in IT : teaching pack 2

Concept software box

Wisbech, Cambridgeshire: esm
1988-
BBC B; BBC B+; BBC Master 128; £125.00
Disk
Language; Mathematics; Infant school education; Primary education
A popular collection of Concept keyboard software. Contents: Sentence builder; Wordweb; Colourcopter; Numbercopter; Colour and shape snap; Pick-a-word
BBC 5.25" disk; uses Concept keyboard
4-8

Conflict and compromise in history

Lang, Sean; Kinloch, Nicholas; Mulvey, Rod; Francis, Darrel; Netherhall Educational Software
Cambridge: Cambridge Micro Software
1988
BBC B; BBC B+; BBC Master; £40.00
2 disks; 40/80t; 1 ring binder
Secondary education; History; Simulation; Further education; General Certificate of Secondary Education; A level examinations

0521342759
A flexible package which allows students to simulate negotiations in the classroom. Students assume the role of negotiators - from leaders and politicians to mine workers and industrialists. The computer keeps the negotiations within reasonable bounds and records the agreements made. The package contains: The congress of Vienna; The treaty of Versailles; The general strike.
40/80t disk.
14-18

Congress of Vienna

See: Conflict and compromise in history

Connect

See: Games, activities and investigations : volume 2.

Connections

Hosler, Simon
Sherston, Malmesbury: Sherston Software
1990
BBC B; BBC B+; BBC Master 128; BBC Master Compact; (single pack) £22.50 BBC B; BBC B+; BBC Master 128; BBC Master Compact; (small lab pack) £45.00 BBC B; BBC B+; BBC Master 128; BBC Master Compact; (large lab pack) £67.50
Single pack: 2 disks; pupil book; teacher book; A4, A3 concept overlays Small lab pack: 1 copy full pack, 5 extra copies of disks Large lab pack: 2 copies full pack, 10 extra copies of disks
Mathematics; Infant school education; Preschool education; Primary education; Computer graphics
A package to support the Maths National Curriculum at level 1 and 2, built around the concept of connections. Children alter contents of window displays to make the connections true, in a variety of maths activities including number, addition, subtraction, money, halves, quarters, odds and evens etc. Optional sound effects.
Concept keyboard compatible
5-8+

Consolidation or aggregation

Nugus, S.; Remenyi, Dan
Barnet: Glentop Press Ltd
1989
Templates for Lotus 1-2-3 and Lotus symphony
IBM PC and compatibles; £50.00
Disk; 5.25" or 3.5"
Business education; Information handling; Statistics; Computer graphics; Secondary education; Further education; Adult education
Allows 256 user-defined files to be consolidated, batch processed and audit checked for duplicate filenames. Reports filenames entered more than once; when user has accepted list, consolidation is automatically performed.
16+

Consonant blends

Sherston Software
Sherston: Sherston Software
1984
Phonics

Educational Software CON - CON

BBC B; BBC B+; BBC Master 128; BBC Master Compact; (single pack) £12.50 BBC B; BBC B+; BBC Master 128; BBC Master Compact; (small lab pack) £25.00 BBC B; BBC B+; BBC Master 128; BBC Master Compact; (large lab pack) £37.50

Single pack: 1 disk; Teacher's book. Small lab pack: 1 copy of full pack plus 5 extra copies of disk. Large lab pack: 2 copies of full pack plus 10 extra copies of disk.

English; Language; Reading skills; Infant school education; Primary education; Special educational needs; Computer graphics; Spelling

Includes large colourful lettering, graphics, optional sound effects; electronic blackboards for use with groups; diagnostic testing, records section, etc. Teacher controls allow program to be tailored to individual pupil's needs

BBC 40t 5.25" DFS; BBC 80t 5.25" DFS; BBC Compact 3.5" ADFS disk. 3.5" DFS and 5.25" ADFS disks also available

6-9

Constellation diagrams

See: Ecology data processing. 1: Graphs and charts

Contact

Coventry: NCET/MESU; RESOURCE
1988

BBC B; BBC B+; BBC Master; £10.00
Disk; documentation booklet

Control technology; Primary education; Programming languages; Puzzles; Problem solving; Design; Craft, design, technology

A control language especially designed for primary school use, using straightforward commands. Allows children to control models and devices which they have built. New commands can be built into procedures. Drives most standard 8-input/output interfaces used in primary schools. Licensing agreements/large bulk orders: details from publishers

40t

5+

Contact

See: Information technology for craft, design and technology

Context

Lewis, Derek
Blairgowrie: Locheesoft
1986

BBC B; BBC B+; BBC Master 128; BBC Networks; £25.00
Disk

Modern languages; Primary education; Secondary education; Sixth form education; Further education; Content free programs
0947584366/48X

A package enabling the teacher to construct scrollable pages of CALL material in all major European languages, including Russian. Suitable for gapping exercises; item completion tasks. Includes demonstration files, with range of further exercises.

BBC 40t s/d DFS disk; will also run on ADFS or Network.

7+

Context

Glasgow: Collins Educational

198-

Microspecial

BBC B; BBC B+; £20.00

Disk; documentation; teacher notes

Language; Computer studies; Cross curriculum; Life skills; Puzzles; Problem solving; Special educational needs; Secondary education

A friendly, flexible program using a problem solving, structured approach, allowing teachers to design an individualised program, controlling difficulty level and altering data to suit requirements of pupils. Includes monitoring and assessment facility. Suitable for either individual or group use. Contained in Microspecial pack. Documentation available separately. Bulk purchases and site licences available - details from publishers.

11-15

Continental drift and sea floor spreading

See: Plate tectonics

Continuous data and the normal distribution

See: A level statistics

Contour

See: Maps and landscapes; 2

Contour

Linear Graphics Personnel

Newtown: Linear Graphics Ltd

1987

BBC B; BBC B+; BBC Master; £99.00

Disk

Geography; History; Computer graphics

Enables graphical information and complex maps to be created using data from the Domesday Project's National Disk. Utilizes grid mappable Writefile data which previously could only be viewed on screen or printed at very low resolution

ADFS format only. Please specify type of Plotmate plotter

10+

Control

Walton, David

Abingdon: Flexible Software Ltd

1987

RM Nimbus; RML 480Z; £22.00 RM/RML Network; £44.00

1 disk; 1 documentation booklet

Control technology; Utilities; Programming languages; Primary education; Secondary education; Sixth form education; Further education

A language for controlling the Nimbus or 480Z parallel port, the piconet parallel port or the Programa Multio port. An introduction to control technology and its use. Runs with a continually updated front panel showing the state of the input and output bits in both binary and denary. Bulk discounts; LEA licences available. Additional copy of booklet; £5.00.

RM Nimbus 3.5" disk; RML 480Z 5.25" disk
5-18+

Control applications

Doncaster: RESOURCE

198-

BBC B; BBC Master 128; £27.50; Special offer £12.50

Disk; documentation

Sciences; Computer studies; Control technology; Secondary education; Sixth form education; Further education;

A pack of materials designed to examine the role of control and monitoring. LEA/Regional licences and bulk purchase discount available

BBC B/Master 5.25" 40t DFS; 80t DFS available - £1.50 surcharge per disk

12-16+

Control basic

Hunter, Nigel; Bennett, Geoff

Doncaster: RESOURCE

1987

BBC B; BBC Master 128; £16.50 Econet; £25.50

1 disk; 1 booklet Econet pack includes 5 sets student documentation.

Computer studies; Programming languages; Control technology; Primary education; Secondary education

A control language, giving access to a wide range of extra commands in Basic, and allowing control programs to be written easily and quickly LEA/Regional licences and bulk purchase discount available

BBC B/Master 5.25" 40t DFS disk; Econet 5.25" 40t disk. 80t DFS available - £1.50 surcharge per disk

8+

Control kit

Doncaster: RESOURCE

198-

BBC B; BBC Master 128; £159.50 (with power supply) BBC B; BBC Master 128; £126.50 (without power supply)

Hardware; software; documentation

Computer studies; Control technology; Primary education; Secondary education

A pack forming an introduction to computer control; contains several units which may be used individually or jointly for control experiments. Includes deltronics interface box; digital sensors; 2 light detectors; 2 lights; 2 microswitches; analogue light sensor; cassette operated torch; Control-it; Sense-it; Control BASIC. LEA/regional licences and bulk purchase discount available

BBC B/Master 5.25" 40t ADFS. 80t DFS available - £1.50 surcharge per disk

8+

Control Logo

Pixton, Julian

Cambridge: Logotron

1987

BBC B; BBC Master; BBC Master Compact; £15.00

1 disk (40t); 1 manual

Infant school education; Primary education;

Secondary education; Sixth form education; Further education; Control technology; Computer skills; Utilities

1870251008

A control language extension for Logotron Logo. Combines technical design and mode building skills with computer control programming skills. Lets the user control devices - using motors, sensors, lights, electromagnets or sound detectors.

For use with Logo. Disk is convertible to 8t Works with most interfaces and controllers.

6-18

Control primer

Collins, Stuart

Radcliffe-on-Trent: Somasoft Educational Software

1990

Acorn Archimedes; BBC B; BBC B+; BBC Master; BBC Master Compact; RM Nimbus £16.00

Disk 40t/80t/3.5"; booklet; 5 worksheets

Technology; Problem solving; Computer education; Craft, design, technology; Second education

A suite of five control simulations involving writing 'programs' (using simple instructions) to achieve an objective. The simulations are and are based on an elevator; loading a ship traffic lights; keeping greenhouse condition (analogue control) and a Unimate robot arm BBC 5.25" disks : specify 40t or 80t. Optical output to EPSON-type printer and optional mouse. Colour monitor favourable. No peripherals made

11-16

Control technology

See: Information technology project : a modular course in IT : teaching pack 2

Controller

Coventry: NCET/MESU

1989

RM Nimbus; £6.95

Disk; documentation booklet

Primary education; Control technology; Computer programming

Enables pupils to use Control LOGO on the Nimbus. Booklet includes "hands on" tutor and illustrates the building of procedures for control. Licensing agreements/large bulk details from publishers

5+

Control-it

Doncaster: RESOURCE

198-

BBC B; BBC Master 128; £18.50

Disk; documentation

Computer studies; Control technology; Primary education; Secondary education

A self-contained program enabling the user create their own 'logo type' procedures for computer control. LEA/Regional licences and bulk purchase discount available

BBC B/Master 5.25" 40t ADFS. 80t DFS available - £1.50 surcharge per disk

9+

Conventional map signs

See: Maps and landscapes; 1

Conversions

See: General science 1

Convex lens

See: Optics

Convict

See: Change and continuity

Cook beans on toast

Gates, Susan (deviser); Mann, David (programmer)

Oldham: NCET/MESU, North West SEMERC 1198-

Blue file

BBC B; £2.50

40t; 1 disk; 1 documentation leaflet

Special educational needs; Primary education; Home economics; Art; Design;

A colourful simulation of cooking beans on toast. The child must select various items needed to carry out the necessary actions in the correct order. (This version works with a speech synthesiser). May be freely copied for UK educational use.

Copier

RCEVH (Research Centre for the Education of the Visually Handicapped)

Oldham: Northwest SEMERC

198-

BBC B; BBC B+; BBC Master 128; IBM PC and compatibles; RML Nimbus; £7.00

Disk; documentation

Special educational needs; Life skills; Infant school education; Primary education; Secondary education; Further education; Adult education; Business education

For visually handicapped people with a basic knowledge of the keyboard. Enables user to copy what appears on screen; improves accuracy and speed. Text appears on screen in a clear print (various sizes available) and the user copies what appears. For those who need to use the program with a speech synthesiser, each letter, word or line is spoken, whatever they prefer.

IBM requires CGA card. Optional: speech synthesiser; printer.

5+

Coping with Econet 2

Studley: LTS (Learning and Training Systems) 198-

Acorn level 2,3; Filestore, SJ Research; FDFS & MDFS; £19.95

Disk; printed materials

Utilities

Helps managers get the most from their network - faultfinding software project ideas, 'idiot's guide', case studies, utilities and using alternative programming languages. Includes sample programs plus basic utilities including: Build, Type, Close, List, Roms, Send, Swipe,

Dump, Id, Tell and a network graphic screen dump.

Network software on 80t DFS with transfer instructions.

Cops and robbers

See Joystick games 3

Copycat

See: Computer awareness

Copywrite

Wisbech, Cambridgeshire: esm

Secondary software box

BBC B; BBC B+; BBC Master 128; £16.00

Disk

Primary education; Secondary education; Reading skills; Language; Creative writing

Children read the text which is then replaced by punctuated blanks, which they complete using memory, context, syntax and word frequency. Scoring encourages accuracy. Useful for group work. Contained in Secondary software box.

BBC 5.25" disks

7-13

Corr

See: Hatfield computer aided geography pack 2

Correlation and regression

See: A level statistics

Cosmic information detector

See: Probability and statistics programs

Cost-benefit analysis

Killbery, Ian; Watson, Deryn; Smith, Colin

Harlow: Longman Micro Software

1984

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; Acorn Archimedes; £19.50

Disk; 1 documentation booklet; Students' leaflets

Economics; Secondary education; Sixth form education; Further education; Business education; Simulation

0582172128

A simulation of the management of a railway line providing a case study of cost benefit analysis

BBC 40t, 5.25" DFS disk; Archimedes compatible 3.5" disk

16-18

Count

See: Videomaths 2

Count

See: Primaths4

Count

See: Games, activities and investigations : volume 1

Count

See: Mathematics practice in the classroom

Count

See: Fun with numbers

Count

See: Early maths suite

Count with Blob

Hatfield: Widgit Software

198-

BBC B; BBC B+; RM Nimbus; £20.00 RM Nimbus network; £25.00 Acorn Archimedes; Acorn A3000; £20.00

Disk; Concept keyboard overlays (A3 & A4); Resource materials

Mathematics; Special educational needs; Preschool education; Infant school education; Computer games; Computer graphics

Includes 3 groups of activities: Counting (animals or transport, up to 9, either in sequence or in random order); Grouping (sorting and counting activities, of two types of transport); Multiples and memory (a shopping scenario with children purchasing up to 4 items, either 1 of each or multiples). Particularly suitable for children using alternative inputs

Can be adapted for use by most input devices, including switches used via a BBC User Port on a parallel printer card, via a piconet or by mouse buttons, or Widgit interface box. Can be used with Concept keyboard used either as a single or dual switch or with overlays in the conventional manner, with analogue joysticks and with Micomike. BBC version supports touch screen

4+

Count, Tiles, Shape, Boxes, Sequences, Blocks 1 and 2, Clock, Stats, Logic 1

Northampton: Northamptonshire Computer Education Centre

198-

RM Nimbus; £25.00

Disk; documentation

Mathematics; Life skills; Primary education

Several popular programs from the NCEC Primary range. Contents: Count; Tiles; Shape; Boxes; Sequences; Blocks 1 & 2, Clock, Stats, Logic 1. Bulk purchase discounts and licences available - details from publishers.

5-11

Countdown

Crowley, T.

Richmond: Trotman & Co Ltd

1988

BBC B; BBC B+; BBC Master; £8.95

1 disk (40 track); 1 booklet

Careers; Sociology; Personal and social education; Secondary education; Further

education; Sixth form education; Adult education

This program covers six general fields of work : practical, persuasive, scientific, clerical, artistic, social and analyses the student's responses. The results may be used to search for job ideas from a databank containing over 500 occupations.

The job search routine is not suitable for networks

16-Adult

Countdown to Doom

Kilworth, Peter

Peterborough: Topologika

1987

Text adventures / Doom trilogy

BBC B; BBC Master 128; BBC Master Compact; PCW; £14.95 CPC; Spectrum +3; £11.95 Amstrad; IBM PC; RM Nimbus; £17.50 Acorn Archimedes; Acorn A3000; £19.95

Disk; booklets

Adventure simulation; Computer games; Puzzles; Problem solving; Secondary education

A science fiction adventure fantasy, involving the solving of puzzles, hidden pitfalls and encrypted conundrums to ensure survival after spacecraft crashes on the inhospitable planet of Doom. Acorn Archimedes/A3000 includes Return to Doom and Philosopher's Quest free.

11-Adult

Counter

See: Miscellany 1

Countercurrent systems

See: Animal physiology pack

Counters

See: Micros in the mathematics classroom : 2nd ed

Countin

See: Project programs : second stage

Counting

Forbes, John

Cardiff: Drake Educational Associates

198-

Basic skills

BBC B; BBC B+; BBC Master; £12.00

1 disk; 1 booklet

Mathematics; Infant school education; Primary education; Special educational needs

This program provides practice in counting up to 20, utilising high quality colour graphics

5+

Counting

See: Lily and frog

Counting

See: Number work programs

Counting

Waites, Nick

Plymouth: Garland Computing

1985

Make Sam smile

BBC B; BBC B+; BBC Master 128; £11.75 Econet; £29.40

Disk

Mathematics; Special educational needs; Preschool education; Infant school education; Primary education; Computer graphics

Helps with first steps in number recognition, learning to count, and an introduction to simple addition. Correct responses rewarded with animations. 3 variations on the basic theme. Available in Make Sam Smile collection. Site licences, multiple copy discounts available; details from publishers

BBC 40 or 80t (please specify)

4+

Counting and adding

Robinson, Alan (program au.); McBratney, Maralyn (idea)

Glasgow: Scetlander

1987

BBC B; BBC B+; BBC Master 128; £10.00

1 disk; 1 documentation booklet

Primary education; Special educational needs; Preschool education; Infant school education; Mathematics; Computer graphics

1855720264

5 programs for infants. Introduces number symbols from 1 to 10, then progresses to simple addition. Pupils match number symbols to pictures or vice versa. Two sets of pictures may be counted and their totals added.

BBC 40t 5.25" disk

4-7

Counting dice

See : Touch basics

Counting grid

Boyes, Rod

Bradford: Brilliant Computing

1987

BBC B; BBC B+; BBC Master; £15.00

40/80t; Disk; manual

Mathematics; Infant school education; Primary education; Special educational needs

A game testing the user's ability to place a number in its correct position in a table of numbers, from 1-10 or 1-100. Various difficulty levels. Provides visual and audio reward. Maintains record of performance.

BBC 5.25" disk; 40/80t

6+

Countrs

See: Games, activities and investigations : volume 2.

Countryside disc

Atkins, Stewart; Bratt, Peter; Lee, David

London: BBC Enterprises / Longman-Logotron

1988

BBC AIV system;

CAV-LV ROM disk; 1 videodisk; 1 user guide

Databases; Sciences; Biology; Environmental education; Simulation

0563229063

The disk contains case study material on aspects of the countryside, and also an extended and complex simulation of a farm and its surrounding area. The disk is for use with BBC Domesday system. Atkins, Stewart (au. guide); Bratt, Peter (au. user guide); Lee, David (au. user guide).

Coursebuilder

Ringwood: Market Lane Ltd.

198-

Apple Macintosh; £295.00

Disk

Authoring aids; Cross curriculum

A powerful graphics based authoring system for the creation of stand-alone courseware. Course designed graphically in form of icons representing blocks of content which can be rearranged as required. Built-in text editor allows text to be added in various fonts and to cards. Provides object-oriented graphics; bit-mapped painting tools; facility to import art; calculation block allowing formulae to animated simulations; support for music; digitised sound files; synthesized speech (MacinTalk); intelligent branching. Licence available for run-time delivery module.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Covalent shapes

See : Physical chemistry

Cowboys

See: Games programs

Co-ordinate jigsaw

See: Maths with a story 1

CP/M utilities disk

Leamington Spa: SPA (Software Production Associates)

198-

RML 380Z; RML 480Z; £18.00 RML 480Z Network £48.00

Disk

Utilities

Includes: Erq; Batch; Copyall; Comp; Copy Print; Genhex; Printer - Useful friendly, easy to-use programs.

CPU-SIM assembler

Leamington Spa: Software Production Associates (SPA)

198-

RM Nimbus £19.00 RM Nimbus Network £45.00

1 disk; 1 teacher's guide

Sciences; Computer studies; Secondary education; Data processing

A companion to CPU-SIM, which allows

to write programs in CPU-SIM assembly language, and shows the action of the assembler as it assembles the code. With CPU-SIM, every action of assembly from writing to running can be demonstrated.

12-16+

CPU-SIM CPU simulator

Leamington Spa: Software Production Associates (SPA)

198-

RML 380Z; RML 480Z; £16.00 RML 480Z network; £42.00 RM Nimbus; £19.00 RM Nimbus Network £45.00

1 disk; 1 booklet

Sciences; Electronics; Computer studies; Secondary education; Sixth form education; Further education; Data processing; Simulation

An animated colour graphic simulation of a central processing unit, showing in detail how each part of the 'fetch-execute' cycle works. With ILECC buffer, can utilise flashing lights, pressing buttons, etc.

RML 380Z needs HRG

12-16+

Crackit

See: MAPE compendium

Craft, design and technology

Chepstow: AVP Computing

BBC B; BBC B+; BBC Master Compact; BBC Master 128; Electron (BBC DFS); £24.50 Acorn Archimedes (specify RISC OS or Arthur); £29.50 Econet; £58.50

Craft, design, technology; Secondary education; Further education; General Certificate of Education

Shows how A4 pages of drawings and text can be produced with the aid of the Pixel Perfect Desk Editing System and be successfully incorporated in Craft, design and technology work, particularly in the preparation of graphics, necessary for project work in these subjects. The drawing capabilities for Pixel Perfect are a good introduction to CAD software programs.

Contains information suitable for students preparing for GCSE examinations in either CDDT : Design and Realisation, or CDT : Technology

14+

Craftshop 1

Matson, Mike

Barnstaple: 4Mation Educational Resources 1990

Acorn Archimedes; £29.00 (Includes site licence)

Disk

Craft, design, technology; Special educational needs

Contents: Patterns (allowing creation of complex designs using patterns from a combination of simple shapes - patterns may be rotated, scaled and reflected); Stitching (allows 2D and 3D curve stitching designs to be created and rotated to give appearance of mobiles; includes number of basic patterns). Designs may be saved as Craftshop files or as sprites for loading into other packages.

For printing purposes, uses appropriate Acorn printer drivers

5-Adult

Craftshop 2

Matson, Mike

Barnstaple: 4Mation Educational Resources 1990

Acorn Archimedes; £29.00 (Includes site licence)

Disk

Craft, design, technology; Special educational needs

Contents: Embroider (allows embroidered designs to be created using patterns formed by combining stitches; includes ready-made stitches and stitch pieces for DIY stitch assembly); Tiling (allows small designs to be created and repeated across the screen in combination with Acorn's Paint). Designs may be saved as Craftshop files or as sprites for loading into other packages.

For printing purposes, uses appropriate Acorn printer drivers

5-Adult

Crane crawl

See in Games disk 1 (Amstrad).

Cranky

Wisbech, Cambridgeshire: esm

198-

BBC B; BBC B+; BBC Master 128; £16.00

Disk

Mathematics; Puzzles; Problem solving; Primary education; Secondary education; Computer games

Develops techniques in addition and subtraction by challenging children to build sums which mend faults in a faulty calculator. The reward is a working calculator for use in their own work.

BBC 5.25" disk

7-12

Craze rider

Cambridge: Acornsoft

BBC B; BBC B+; BBC 128K B+; BBC Master 128; BBC Master Compact (40/80t); £11.95 BBC B; BBC B+; BBC 128K B+; BBC Master 128; BBC Master Compact (3.5"); £14.95

Disk; booklet

Computer games; Primary education; Secondary education; Computer graphics

A racing game, each race having 60 participants and points being awarded for a good finishing position and the number of riders you have knocked off their bikes. Features Le Mans; Anderstorp; Paul Ricard; Brands Hatch; Misano; Silverstone; Nurburgring. Master series users enhanced version features 7 extra race circuits, extra game features, extra graphics and auto-demo mode.

40/80t disk; 3.5" disk

5+

Creator

See: Choices

Cricket draw

Glasgow: Persona TMC Ltd

198-

Click Art Image series

Apple Macintosh; £225.00

Disk

Art; Design; Craft, design, technology; Computer assisted design; Computer graphics

A PostScript drawing package to create coloured, professional quality graphics. Provides a range of special effects - fountains; shadows; text on a path. Freely rotates text and shapes; supports Bezier curve manipulation; allows angles/movement to be specified numerically. Window menu feature allows the arrangement and viewing of more than one screen at a time. Once text and graphics are combined, camera-ready artwork can be produced directly from PostScript typesetter. All effects may be used direct from the program, or exported to a DTP or word processing package.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Cricket graph

Haslingden: Principal Distribution Ltd.

198-

Apple Macintosh; £145.00

Disk

Computer graphics; Desktop publishing; Art; Design; Databases

Allows the creation of a variety of colourful business, scientific and engineering charts using a built-in database utility. Provides column, bar, stacked bar, stacked column, pie, area, line, scatter, double Y, quality control, polar and text graph types. Allows graphs to be positioned and resized; compatible graph types to be overlaid. Large data entry capacity allows 100 sets with up to 2,700 elements; data items up to 31 characters long; columns and rows insertion and deletion. Includes various special effects; 3D effect; colour assignment to bars, lines, frames, labels, objects. Imports SYLK, JWKS and PICT files; exports in PICT GRAPH format. Output can be in colour.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Cricket paint

Haslingden: Principal Distribution Ltd.

198-

Apple Macintosh; £145.00

Disk

Art; Design; Computer assisted design; Craft, design, technology

Contains a huge repertoire of tools and facilities, including Freshpaint, a technique allowing bitmaps of any objects to be produced and resized proportionally, changed, filled, flipped or freely rotated; Paint texture tool to provide unlimited control over fill pattern, shape, size, width, overlay mode; the creation of artwork at 72, 75, 144, 150, 216, 288 and 300 dots per inch. Wide range of import/export file formats available.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Cricket presents

Haslingden: Principal Distribution Ltd.

198-

Apple Macintosh; £145.00

Disk

Computer graphics; Desktop publishing; Art; Design

Allows user to create audience handouts, colour

slides, overhead transparencies or a live video show on the Macintosh screen. Includes library of templates for the beginner; range of special effects for switching from one frame to another. Text and graphics can be imported from Cricket products as well as MacPaint, TIFF, EPSF, PICT, PICT2 and Microsoft format documents.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Criss cross words

See: Dictionary word games : pack 1

Critical challenges

London: Sussex Publications Ltd; World Microfilms

198-

English revision on microcomputer

BBC B; BBC B+; £18.95 Econet level 2; £29.95

Disk; manual

English; Reading skills; Language; English literature; Secondary education; General Certificate of Secondary Education

A practical revision aid, with introductory material, questions and information which can be used by groups or individuals. Fosters reading skills, covering theme and tone; rhyme and metre; diction and syntax; imagery and figures; speech; poetry exercise; prose exercise. Available in set: English revision on microcomputer.

BBC 40t or 80t disk

11+

Crook's corner

Smart, Steve

Blairgowrie: Locheesoft

198-

Series 4

BBC B; BBC B+; BBC Master 128; BBC Networks; £12.00 (Part of proceeds donated to Save the Children Fund)

Disk

Simulation; Personal and social education; Reading skills; Mathematics; Special educational needs; Primary education; Infant school education

0947584862

A shopping simulation involving the user buying items from a shopping list at the fish and chip shop, a grocer's, and a newsagent's. Option to change items on the lists, allowances, items available in the shops; and whether or not the shopkeeper is honest/dishonest. Requires reasonable degree of user reading ability. May be operated with Concept keyboard; touch screen or joystick. Results may be stored and monitored.

BBC 40t s/d DFS disk (unless 80t requested); will also run on ADFS or Network. Please specify whether A3 or A4 overlays are required.
5+

Crooked adventure

See Adventure playground

Cross profiles and long profiles

See: River studies

Crosses

See: Games, activities and investigations : volume 1

Crosses

See: Mathematical investigations in the primary classroom

Crosslinkcomputing

Oadby, Leicestershire: Howard Freeman

198-

Apple Macintosh; free on receipt of s.a.e. and formatted disk

Disk

Utilities

A glossary of computing terms, containing over 800 definitions. Includes comprehensive on-line help for searching.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration. Requires HyperCard version 1.2.

Crossnumber

Easterbrook, A.

Ashton-under-Lyne: Granada Educational Software

1989

BBC; £10.50

Disk

Mathematics; Primary education

A number crossword giving a wide choice of different arithmetical topics, such as addition, angles, number sequences, areas and equations.

Disk (5 1/4")

7-11

Crossword

Ashton-under-Lyne: GSN Software; MEMS Educational Software

198-?

BBC; RML 480Z; RML 380Z; £12.50

1 disk; 1 documentation booklet

English; Primary education; Secondary education; Language; Computer Games; Cross curriculum; Spelling

Designed to create variety in subject tests, homework and spelling tests, or just for fun.

Disk (5.25")

7-14

Crossword call-up

Hodgson, Clive; Muxworthy, Ann; Atkinson, Audrey; et al

Newcastle upon Tyne: Northern Micromedia
1988 (Software); 1987 (Documentation)

BBC B; BBC Master; £13.00 BBC Master Compact; RRM Nimbus (BBC Basic); Acorn Archimedes; £15.00

1 disk; 1 documentation booklet

Language; Databases; Cross curriculum; Primary education; Primary education; Secondary education; Data-handling

Content free program to create crosswords to be used on screen and/or printed. Designed around a small database which holds clues and answers.

Each clue can be linked to subjects and in difficulty levels

8-16+

Crossword challenge

Jones, Christopher

London: Wida Software Ltd

198-

BBC B; BBC B+; BBC Master; Apple; £20. BBC Econet Level 2/3; £40.00

Disk

English (second language); Language; Primary education; Secondary education

30 EFL structural crossword puzzles at stages 5 & 6. Can be solved in two-player mode for English vocabulary and structure practice

BBC 40/80t; programs convertible by user to Master Compact. MS/DOS 3.5"/5.25" disk: IBM compatible computers, XT, AT and machines with 512K memory and DOS 2.0 higher; Nimbus PC with 1MB memory & IBMulator. Apple II+, IIe, IIC and IIGs, DOS 3.3. Programs convertible to PRODOS user

8-15

Crossword designer

Chepstow: AVP Computing

BBC B; BBC B+; BBC Master 128; £19.50

Disk

Language; English; Cross curriculum; Primary education; Secondary education

Contents : Crosswords and Crossword designer. Two general purpose programs which can be used by teachers of practically any subject
6+

Crossword magic

Lewes: Mindscape International Ltd.

198-

Apple Macintosh; £29.99

Disk

Cross curriculum; Authoring aids; Puzzles; problem solving; Primary education; Secondary education

A program for arranging, editing and printing original crosswords, to supplement curriculum objectives or for generating crosswords for publication in school magazines, etc.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Crossword master

Jones, Christopher

London: Wida Software Ltd

1984

BBC B; BBC B+; BBC Master; Apple II+; IIe; IIC; IIGs; £27.50 BBC Econet Level 2/3; £55.00

2 disks, s/s, d/d; 1 booklet

English; (English, Modern Languages; French; German; Apple version only); Puzzles; Computer games; Secondary education; Six form education; Further education

Enables user to create genuine crossword puzzles on screen. Useful two-player mode for solving. Writer can define puzzles up to 15 squares. Any way and type in the words and blanks. Apple version allows clues to be written in English or French or German.

BBC 40/80t; programs convertible by user for Master Compact. Apple DOS 3.3
12-16+

Crossword mill

Hughes, Glyn; Kulmala, Kalle-Juhani
London: Wida Software Ltd
198-
MS DOS; £40.00 (English) MS DOS; £45.00 (French; German; Spanish)
Disk
English (second language); Language

Up to four players set their own difficulty level in solving crosswords generated from a bank of 600 English words with up to 4 graded clues available for each word. Translations can be called up by using disk dictionary in French, German or Spanish.

MS/DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1MB memory & IBMulator.

Crosswords

Swansea: HS Software
1986
Electron; BBC B; BBC B+; BBC Master; Master Compact; Acorn Archimedes; £7.95
Disk; keystrip
Primary education; Language; Spelling; English
A program for solving and designing crosswords. Includes 20 crosswords and instructions on designing, loading, saving and printing crosswords.
Electron cassette; BBC cassette; BBC 40 or 80t disk; Master Compact 3.5" disk; Archimedes 3.5" disk.
5-11

Crosswords

London: ALBSU (Adult Literacy and Basic Skills Unit)
1985
BBC B; £7.00
2! disks; tutor notes
Reading skills; Language; Spelling; English (second language); Further education; Adult education
Provides six simple crosswords and option for tutors/students to store their own crosswords and clues which are then presented in random order.
16+

Crowns

See: Basic package

Cruncher

Collins, Stuart
Reading-on-Trent: Somasoft Educational Software
1989
Acorn Archimedes; BBC B; BBC B+; BBC Master; BBC Master Compact; RM Nimbus; £118.00
Disk 40t/80t/3.5"; booklet; 22 copy-worksheets
Mathematics; Secondary education
An investigation of 20 number chains/patterns.
A versatile package

BBC 5.25" disks : specify 40t or 80t. No printer needed, colour not vital
9-16

Crystal paint

Middlesbrough: Applied Technology Marketing
198-
Apple Macintosh; £90.00
Disk
Art; Design; Craft, design, technology; Computer assisted design; Computer graphics
A graphics program producing symmetrical designs through duplicating and rotating a single item. Includes 30 patterns with a centre; 17 crystal patterns which do not collect around a centre but repeat forever in all directions like molecules in a crystal; 3 Conformal patterns. Includes simple drawings, and user facility to paste documents into Crystal Paint from a variety of drawing and painting programs. Includes redraw facility.
Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Cube painter

Irving, Richard; McCormick, Sophie; Squires, David
Harlow: Longman/Logotron
1987
Computers in the curriculum
BBC B; BBC B+; BBC Master 128; Acorn Archimedes; £21.00 BBC Network; £33.00
1 disk; 1 teachers' booklet; 1 students' booklet
Mathematics; Secondary education
0582006236
Allows students to compare surface area/volume ratios of cylinders, cubes and spheres as they "paint" them and consider the amount of paint used.
BBC 40t, 5.25" DFS; Archimedes compatible 3.5" disk
11-14

Cubecount

See: Educational 1 and Educational 2

Cubes

See: Basic package

Curve fitting and regression

See: Geography data processing 2 : Statistical methods

Curve fitting and regression

See: Ecology data processing 2 : Statistical methods

Curves software pack

Kirkby, Norman
Peterborough: Topologika
1988
BBC B; BBC Master 128; BBC Master Compact; Acorn Archimedes; £29.95 RM Nimbus version in preparation

Disk; book; audio cassette; teacher's activities book

Mathematics; English; Primary education; Secondary education; General Certificate of Secondary Education; Cross curriculum

Allows investigation of curves of all kinds - spirograph patterns, rolling/intersecting circles; stars and spirals; envelopes and epicycloids; asteroids and deltoids; links and linkages; parabolas and pedals and other ruler, compass and set square constructions. Encourages cross curriculum work, especially in Science and English. Additional disks, books and activities books available.

8-15

Custard

See: Circus

Cut and paste

Mason, David
Studley: LTS (Learning and Training Systems)
1989
RM Nimbus standalone or network; £30.00
Disk; Worksheets
Authoring aids
Uses three typical office tasks - making appointments; route planning; designing a brochure - to introduce the use of Windows type environments. Includes Write, Cardfile, Calendar, Notepad and Calculator together with sample files, pupil worksheets and exercises.
Network software on 80t DFS with transfer instructions. For stand alone software, please specify format required. Requires Microsoft Windows.

Cuthbert catches a cold

Street: Selective Software
198-
BBC B; BBC B+; BBC Master 128; £21.95 BBC Master Compact; £23.95
Disk; Printed storybook; Photocopy masters; Teacher manual; Concept keyboard overlays (A3 & A4)
Mathematics; Language; Spelling; Geography; Music; Art; Infant school education; Primary education; Computer graphics
Includes a 3-part adventure, using time; number; language; map work; record keeping; word recognition and other skills as pupils help to find a cure for Cuthbert the Dinosaur who has a nasty cold; and cartoon movies with the text and related music.
BBC B 5.25" 40 or 80t disk; BBC Master Compact 3.5" disk. Optional Concept keyboard use.
6-9

C.V. and letter of application processor

Gledhill, Bob
Halifax: Careersoft
1986
BBC B; BBC B+; BBC Master 128; BBC Master Compact; RM Nimbus PC; £22.50
Disk
Life skills; Careers; Word processing; Secondary education; Further education; Sixth form education; Adult education

Enables students to prepare a C.V., letter of application or personal profile (facts) sheet speedily and easily. Suitable for adults/employment training. Nimbus or BBC version available as part of Nimbus or BBC special offer. BBC network version does not allow print-outs

BBC B, B+, Master 128 (5.25", 40/80t disks); Master Compact, (3.5" disks); Nimbus (3.5" 720k). 40 or 80 track drive and colour monitor essential. 5.25" disk versions run under DFS operating system

16+

C.V. processor 2

Gledhill, Bob

Halifax: Careersoft

198-

RM Nimbus PC; IBM PC; £49.00

disk

Sixth form education; Further education; Adult education; Careers education

16+

CWords

Straker, Anita; MEP

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1982

BBC A; RM Nimbus; £2.50

Disk

Mathematics; Primary education

A number up to 999 or 9999 is printed in words and must be typed in figures. Help given.

Cwords

See: Micros in the mathematics classroom : 2nd ed

Cyclone

St. Just: MJP (Michael Jay Publications)

198-

BBC B; BBCB+; BBC Master; £15.95 RML Nimbus; details from publishers

Disk; worksheets

Geography; Computer graphics; Secondary education; Sixth form education; General Certificate of Secondary Education; A Level examinations

Illustrates the mechanisms and features of frontal depressions and their more violent counterparts in the tropics, with detailed systematic cross-sections. Available in package with Climate graphs (£23.90)

BBC 40t unless otherwise requested

12-16+

Daily Telegraph crosswords

From: Great Elm Services

198-

BBC; Acorn Electron; £7.50

Disk

Language; Spelling; Puzzles; Problem solving; Special educational needs; Computer games

Contains 20 puzzles. Series of disks available. Partly completed puzzles can be saved. Records players' names and the puzzles they have done.

5.25" 40t or 80t disk. Requires only single finger operation on BBC machines.

7+

Daily Telegraph quick crosswords

From: Great Elm Services

198-

BBC; Acorn Electron; £7.50

Disk

Language; Spelling; Puzzles; Problem solving; Special educational needs; Computer games

Contains 20 puzzles. Series of disks available. Partly completed puzzles can be saved. Records players' names and the puzzles they have done.

5.25" 40t or 80t disk. Requires only single finger operation on BBC machines.

7+

Dance

See: Basic package

Dare devil

Glasgow: Collins Educational; Holmes McDougall Educational Publishing

198-

Adventures in maths

BBC; £10.95

Disk

Mathematics; Infant school education; Primary education; Computer games

0715725432

An exciting program based on collecting sufficient fuel for a stunt car to leap over a gorge: correct answers collect the fuel. Provides practice in all four functions between upper and lower numerical limits determined by the teacher

7-11

Dark castle : a French adventure

London: ILECC (Inner London Educational Computing Centre)

198-

RML 480Z; RML 380Z; RML network; £10.00

1 disk; 1 handbook

Modern languages; French; General Certificate of Secondary Education; Secondary education; Further education; Adventure simulation

The program is designed to give practice in reading French for pupils studying for examinations. It has its own dictionary and so any word in the text can be looked up easily

11-18+

Darkroom CD-ROM

Reading: Thames Valley Systems

198-

Apple Macintosh; details from publishers

ROM

Art; Craft, design, technology; Design; Computer assisted design; desktop publishing

A stock library of 500+ ready-to-use photographs, categorised according to sports, lifestyle, business and travel. Allows photographs to be placed in any publishing program supporting TIFF file format.

Works on current Macintosh systems with at

least 1Mb RAM; please check required configuration.

Dart

Advisory Unit; EARO

Hatfield: Advisory Unit

1983

BBC B; BBC B+; BBC Master 128; Econet; Archimedes; £13.00

1 disk; 2 books; 1 keystrip

Primary education; Secondary education; Computer graphics; Programming language
0 946039 03 8

A computer language, to enable turtle graphics to be displayed on screen or to control a Jee or Valiant floor turtle. Bulk order discounts available.

7+

Darts game

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £19.50 Acorn Archimedes; RM Nimbus; £24.50 RM Nimbus network; (up to 16 machines) £45.00; (up to 48 machines) £65.00 Econet; £58.50

Disk

Mathematics; Secondary education; Sixth form education; Further education; Computer graphics; Simulation

A safe simulation of well known darts game with 7 programs providing varying degrees of arithmetic difficulty and assistance. Round clock involves considerable amounts of arithmetic

Only specify 80t if you cannot use 40t disk
10+

Data analysis

Garland, John M.

Plymouth: Garland Computing

1988

BBC B; BBC B+; BBC Master 128; £17.65 Nimbus; Acorn Archimedes; £20.00 IBM PC compatibles; details from publishers Nimbus network; £37.65 Econet; £35.30

Disk

Computer graphics; Sciences; Biology; Secondary education; Sixth form education; Further education; Information handling

An easy to use package for drawing graphs, histograms; allows data (up to 500 points) to be entered, saved, loaded to/from disk, and a number of data manipulations performed. Options include linear regression; transformation of x or y axes; calculations allowing graphs to be used as a calibration for histograms with variable step size and scalar plotting on reverse log scale. Includes screen dump for EPSON-type printers. Also includes sample data files with suggestions for analysis. Site licences, multiple copy discounts available. Details from publisher

BBC 40 or 80t (please specify). RM Nimbus versions supplied with BBC-BASIC

12-16+

Data desk

Exeter: Computer Capability

198-

Apple Macintosh; £295 (details of educational discount from publishers)

Disk

Statistics; Information handling; Computer graphics

An integrated environment allowing the visual exploration and manipulation of data while performing powerful statistical analyses; includes good range of elementary statistical features, including the most useful exploratory data analysis techniques; and random number generation features.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Data desk professional

Exeter: Computer Capability

198-

Apple Macintosh; £295 (details of educational discount from publishers)

Disk

Statistics; Information handling; Computer graphics

An integrated environment allowing the visual exploration and manipulation of data while performing powerful statistical analyses; includes good range of elementary statistical features, including the most useful exploratory data analysis techniques; and random number generation features. Also includes a 3D plot rotation facility, superior to the more complex exploratory procedures such as principal components or cluster analysis.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Data free happenings

IFawcett, J.; Fawcett, E.; Eyre, C.

Stocksbridge, Sheffield: TECS (Teachers Experience-based Classroom Software)

1984

IHappenings : adult series

IBBC B; A 3000; £11.50

IDisk; documentation

IReading skills; Spelling; Puzzles; Problem solving; Secondary education; Adult education

A datafree version of Happenings - a package designed for those with reading problems.

Screen instructions have been avoided - visual clues are given. Optional printout analysis of performance is available at the end of the program, which provides reading practice; whole word recognition; comprehension; letter recognition; a word puzzle; anagrams; jumbled sentences. Reduced price for CABE members

440t disk

11+

Data handling in primary science

Wilson, John; Howitt, Scott; Hemsley, Keith

Coventry: NCET/MESU

1988

BBBC B; BBC Master; BBC Master Compact; £18.60

disk; 6 ideas sheets; 3 books

Sciences; Information handling; Databases; Primary education

11853790362

Includes Information handling pack (available

separately). Encourages the use of information technology in primary science based on children learning in an active, practical way.

Documentation includes details of practical activities, case studies and a consideration of good practice in primary science and information technology. Licensing agreements/ large bulk orders; details from publishers

5-11

Data logger

Garland, John M.

Plymouth: Garland Computing

1987

BBC B; BBC B+; BBC Master 128; £29.45

Disk

Databases; Information handling; Cross curriculum; Secondary education; Sixth form education; Further education

A channel data logger which will record data from any instrument connected via the A-D interface. After calibrating the instrument, data is logged and subsequently analysed. Around 22,000 readings can be saved on 1 side of an 80t disk. Records every discrete reading, allowing precise analysis of long-term experiments. Some analyses include print-out graph of all or selected data; determination of rates of change between points; areas under curves and basic statistics. Site licences, multiple copy discounts available; details from publisher

BBC 40 or 80t (please specify)

12-16+

Data modeller

Camberley: Analyst Workbench Products Ltd.

198-

Apple Macintosh; £599.00 (£495.00 2-5 copies); (£315.00 6+ copies)

Disk

Statistics; Computer graphics; Computer programming

An intelligent graphics package which supports creation and editing of entity relationship; data flow; hierarchical decomposition and Jackson structure diagrams. Allows relationship lines to be created; reporting from each type of model either to disk or printer with choice of report formats and selectable content list.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration. Works under A/UX (Apple's implementation of Unix).

Data presentation

See: Geography data processing. 1: Data presentation

Data press

Barker, Paul

Sherston: Sherston Software

1990

Details from publishers BBC B; BBC B+; BBC Master 128; BBC Master Compact; (single pack) £32.00 BBC B; BBC B+; BBC Master 128; BBC Master Compact; (small lab pack) £65.00 BBC B; BBC B+; BBC Master 128; BBC Master compact; (large lab pack) £97.50

Single pack: 3 disks; 1 teacher's book; 2 key strips. Small lab pack: 1 copy of full pack plus 5 extra copies of disks. Large lab pack: 2 copies of full pack plus 10 extra copies of disks.

Information handling; Databases; Schools;

Recordkeeping; Primary education; Secondary education

An easy to use data handling package, useful for introducing information handling concepts and for large scale data storage. Pages for storing information are designed in the Template Editor, and can be altered after records have been saved. Text, numbers and pictures can be entered easily and edited. Graphs and pie charts can be produced. Printing facility.

BBC 40t 5.25" DFS; BBC 80t 5.25" DFS; BBC Compact 3.5" ADFS disk. 3.5" DFS and 5.25" ADFS disks also available. Arrow key or mouse driven.

7+

Database

Studley: LTS (Learning and Training Systems)

198-

Forte

Acorn Archimedes with PC emulator; RM Nimbus PC186 with 1Mb., PC286, AX, VX; IBM PCs PS/2 and compatibles; £30; add £30 site/network licence

Business education; Computer studies; Cross curriculum; Databases; Primary education; Secondary education; Sixth form education; Further education

Contained in Forte. A relational database which will work with up to 5 databases simultaneously, each with up to 30,000 records. Comprehensive search operators. Functions to produce statistics or numeric fields. Flexible record layout. Allows files created with many other database programs to be imported.

Archimedes requires PC emulator; RM Nimbus PC186 requires 1Mb.

10-18+

Database

See : Computers at work : the work game

Databox

Sugden, Richard

Longbridge Deverill, Warminster: Soft Teach Educational

1988

BBC B; BBC B+; BBC Master 128; £24.00

Disk (not copy protected); teacher's manual; 4 x student's manual

Databases; Computer studies; General Certificate of Secondary Education; Secondary education

0948808659

Designed for GCSE Computer Studies project work, the program allows the student to demonstrate a variety of relevant skills. Validation checks can be defined before data entry; the pupils design data capture form; verification is facilitated by the fact that the pupil source documents match the screen display. Includes automatic computer produced command sequence. Extra student manuals available £1.80 each.

BBC 5.25" disk

11-16

Datacap

Luxford, Robin

Ilford: Pineapple Software

1989

IBM; £25.00

Disk

Utilities; Data processing

A suite of programs enabling the user to capture, display and examine in detail the signals exchanged between any two devices using RS232C/V24 serial ports at baud rates from 110 to 9600, capturing, storing and displaying data on screen or in print in such a way that its direction, and position in the datastream indicated, both in hex code and ascii. Useful for fault diagnosis; testing, demonstrating and teaching.

Requires PC compatible with 2 serial ports to capture bi-directional data with one serial port will capture data in only one direction. Requires connecting lead. To print requires Epson compatible dot-matrix printer. Available on 5.25" or 3.5" disk

Datafile

Glasgow: Scetlander

BBC B; BBC B+; BBC Master 128; £10.00
Acorn Archimedes; £10.00

Disk

Cross curriculum; Computer studies; Business education; Information handling; Primary education; Secondary education; Databases; Content free programs

1855720892 (BBC); 1855720914 (Acorn)

A content free program which introduces databases, their construction, operation and uses. BBC 5.25" disk; Acorn Archimedes 3.5" disk 10-15

Datafile

Glasgow: Collins Educational

198-

Microspecial

BBC B; BBC B+; £20.00

Disk; documentation; teacher notes

Cross curriculum; Life skills; Puzzles; Problem solving; Special educational needs; Secondary education; Information handling; Databases

A friendly, flexible program using a problem solving, structured approach, allowing teachers to design an individualised program, controlling difficulty level and altering data to suit requirements of pupils. Includes monitoring and assessment facility. Suitable for either individual or group use. Contained in Microspecial pack. Documentation available separately. Bulk purchases and site licences available - details from publishers.

11-15

Dat handling

Integrated Resources Project

Newcastle Upon Tyne: Northern Micromedia 198-

Inset Packs (IRP)

BBC B; BBC Master; RM Nimbus; Details from publishers

Disk; resource pack

Information handling; Databases; Data processing; Cross curriculum

School-based inset materials aimed to support teacher development towards the use of the microcomputer in an integrated approach in the classroom. Focused on development of skills in the area of information handling

Adult

Dat knit

Clwyd: Clwyd Technics Ltd

198-

BBC B; BBC B+; BBC Master; £199.00

Disk

Craft, design, technology; Computerised knitting

Allows design to be created and changed on the computer screen as wished; system works out design as a pattern of stitches which it sends to the knitting machine

For use with Brother KH 910 and KH 950 knitting machines

Dat plan for the BBC micro

Sethi, J. Singh

London: Pitman Publishing

1987

BBC B; BBC B+; BBC Master; £36.00

1 disk (40/80 t); 1 manual

Computer studies; Business education; Sciences; Databases; Secondary education; Further education

0273026917 (40 t); 0273027697 (80 t)

An easy to use database management system with comprehensive and informative set of prompt messages

11- Adult

Dat probe : the add-on pack

Ross, Alistair; Hall, Malcolm

Harlow: Longman Micro Software

198-

BBC B; BBC B+; BBC Master 128; £40.00

Disk; pupil's books

Geography; Computer studies; Databases; Information handling; Primary education; Secondary education

3 pre-prepared data files for use with Dataprobe: Litter louts (based on litter problem survey carried out by a school); Bird table (based on bird life observations carried out by a school); Weather (based on one year's Meteorological Office reports).

BBC 40t, 5.25" DFS disk

8-15

Dat probe : the starter pack

Ross, Alistair; Hall, Malcolm

Harlow: Longman Micro Software

198-

BBC B; BBC B+; BBC Master 128; £40.00

Disk; teacher's guide; user's guide; pupil's book; data file

Geography; Computer studies; Databases; Information handling; Primary education; Secondary education

A powerful command-driven database manager, which allows the creation of many differently structured datafiles; includes a full range of data manipulation and statistical facilities. Displays results in variety of graphical forms - lists, bar charts, graphs, histograms, etc. Printer option. Includes data file, Town and country (historical data based on 1861 census); add-on pack of 3 further pre-prepared data files available.

BBC 40t, 5.25" DFS disk

8-15

Datashow

See: Information handling pack

Datostat

Wood, Michael

Plymouth: Garland Computing

1985

BBC B; BBC B+; BBC Master 128; £23.71
Nimbus; Acorn Archimedes; £26.50 Nimbus network; £35.25

Disk; manual

Databases; Spreadsheets; Secondary education; Sixth form education; Further education; Information handling

Combines features of spreadsheet and data allows data in the form of numbers or words to be typed directly into cells of matrix, and analysed using simple, flexible commands. Matrix up to 702 columns or 999 rows. Provides mean, standard deviation, standard error of sum of any column, or part of column; correlation coefficients, significance and regression equations; confidence intervals; the mean; list and count rows which satisfy specified conditions; one-way analysis of variance, mean of each group, measure of strength of the association; paired t-test; Frequency tables; cross-tabulations; Chi square test; measure of association, etc. Site licence multiple copy discounts available; details from publisher

BBC 40 or 80t (please specify). RM Nimbus versions supplied with BBC-BASIC.

12-16+

Dat tree

Cambridge: Logotron

BBC B; BBC Master; BBC Master Compact; £16.50

1 disk; 1 manual

Computer studies; Primary education; Secondary education; Databases

A simple, flexible data storage and retrieval program. Explores how data is stored; shows how to create tree structures, e.g. family tree branching stories, biological identification 'intelligent' games.

8-14

Dating

See: Science in process : pack 2

dBASE Mac

Maidenhead: Ashton-Tate UK Ltd.

198-

Apple Macintosh; £15.00 (1-4 copies); £11 (5+ copies)

Disk

Databases; Data processing; Information handling

An advanced relational database management system for a wide variety of data manipulation without the need for programming. Includes featured procedural programming language. Gives stand-alone application development. Gives access to 32 files at once. Allows existing dBase dBase.dbf data files and ASCII text format to be used in Macintosh environment. Allows graphics to be manipulated as data for inclusion in reports, forms and other documents.

Works on current Macintosh systems with

least 1Mb RAM; please check required configuration.

dBASE Mac runtime

Maidenhead: Ashton-Tate UK Ltd.

198-
Apple Macintosh; £238.00 (1-4 copies); £178.50 (5+ copies)

Disk
Databases; Data processing; Information handling

A version of dBASE Mac for developing stand-alone applications.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

dBaseII-DeltaStat

Richmond: Peter Bishop Associates

198-
RM Nimbus; RM Nimbus network; £45.00 (single user licence); additional disk; £6.00

1 disk; user guide
Statistics; Mathematics; Sciences; Secondary education; Further education; Cross curriculum; Utilities

A file transfer utility which transforms from dBaseII to DeltaStat format, enabling data to be used with DeltaPlot.

RM Nimbus PC, AX or VX requires at least 128K memory and one disk drive.

11-Adult

DBS

Green, R.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1983
BBC B; £15.00

Disk; Documentation
Utilities

Data file management system running random access to disk. Add, alter, delete, sort, list, search etc.

Files up to 65K on 40t disk, 165K on 80t disk. Max. 8 fields x 25 characters per record

dbasAccounts

People: DBS

198-
Apple Macintosh; £95.00

Disk
Business education; Schools; Accounting

A suite of integrated sales, purchase and general ledgers, supporting up to 3,000 customers and suppliers. Allows user to post transactions from Sales; dbPurchase and dbPay; reporting facilities including profit and loss; balance sheet; summary trial balance; transaction list. Sales ledger includes automatic invoicing; dbPurchase has a suggested payment option to maintain optimum cash flow.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

dbasPay

People: DBS

198-
Apple Macintosh; £150.00

Disk
Business education; Schools; Educational administration

A payroll and personnel system supporting weekly, monthly or other payment frequencies; all tax codes and contracted in/out national insurance schemes; COMP and non-COMP pension schemes; statutory maternity pay. Provides extensive reporting facilities; password protection; key disk for added security.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

DE

See: Secondary maths 3

Dead end

See: Family favourites

Deadline

British Council
London: Cambridge University Press

1986
British Council Software Series
BBC B; BBC B+; BBC Master; Apple; MS DOS; £55.00 (unprotected);

Disk
English; Language; Creative writing; Secondary education; Desktop publishing

Provides practice in writing, correcting, editing, updating and organising texts through planning and producing a local tourist guide. Encourages pupil collaboration.

BBC 40/80; programs convertible by user for Master Compact. MS/DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1MB memory & IBMulator. Apple II+, IIe, IIfx and IIGs, under DOS 3.3. Programs convertible to PRODOS by user.

11-15

Deadline

London: ITV Schools

198-
BBC B; BBC B+; BBC Master 128; £15.90

Disk
Computer studies; English; Language; Creative writing; Primary education; Secondary education; Desktop publishing; Computer graphics

Pupils can lay out pages, designate different areas for different uses, insert headlines and pour in text. Graphics can be inserted and the whole page can be edited. Associated ITV Schools Programme: The micro at work.

5.25", DFS

Deadline plus

London: ITV Schools

198-
BBC Master 128; £26.25

Disk
Secondary education; Desktop publishing

Educational Software DBA - DEC

Designed to make desktop publishing easy whilst including many advanced features. Program is driven by pull-down or pop-up menus and is operated either by mouse or by keyboard. Artwork can be created or imported from an arts package, a number of fonts are supplied or pupils can create own.

5.25", ADFS

Dealer

Atherton, David
London: Pitman Publishing

1989
RM Nimbus; £25.00

1 disk; 1 booklet
Economics; Business education; Secondary education; Sixth form education; Further education; Simulation

027303118X

The program places the students in the position of the foreign exchange dealer. They are given news items which may be expected to change exchange rates and there is a provision in the program to gain a print-out of decisions made in response to the news

11-Adult

Death planet

Glasgow: Collins Educational; Holmes McDougall Educational Publishing

198-
Adventures in maths
BBC; £10.95

Disk
Mathematics; Infant school education; Primary education; Computer games
0715725459

A program to practise mental arithmetic skills, using the theme of outer space. Covers the four functions at 3 difficulty levels

7-11

Death row

See: Games : disk 3

Decay graph

Green, R.
Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1982
BBC A; RM Nimbus; £2.50

Disk
Physics; Sciences; Secondary education; Simulation

Simulates radioactive decay of a "block" of several hundred atoms and samples the block at specified intervals. A bar graph displays results.

Decay series

Grace, A.
Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1984
BBC B; £6.00

Disk
Physics; Sciences; Secondary education; Simulation

Plots mass-time graph for up to three elements of a decay series with simulation bar chart. Choice of half lives and display advice.

Decider

Crowley, T.

Richmond: Trotman & Co Ltd

198-

BBC B; BBC B+; BBC Master; £6.95

1 disk (40 track); 1 booklet

Careers; Sociology; Personal and social education; Secondary education

The program has been designed to help pupils improve their decision-making skills, make them think about personal aspects, and to stimulate discussion

The program will work on network systems

11+

Deciduous woodland

See: Cambridge identification keys

Decisions : logic 3

Hewitt, Iris

Wisbech, Cambridgeshire: esm

198-

Shiva numeracy and logic programme

BBC B; BBC B+; BBC Master 128; £18.50

Disk; Teacher's handbook

Mathematics; Puzzles; Problem solving; Primary education; Computer games

Deals with the concepts of how an operation functions, the connective idea of a Shiva numeracy and Logic programme and in Shiva logic programme.

BBC 5.25" disk

5-11

Decline

See: Railway drama

Decode

See: Teaching with a micro : maths 1

Deetree

See: MAPE compendium

Degas elite

Hudson, Tom

Langley, Nr. Slough: Electronic Arts Ltd

1987

Atari ST; £24.99

Disk; manual

Art; Computer graphics; Design; Secondary education

A paint package including 8 multi work screens; 16 built in brush patterns; facility to design own; line, circle, disk, box, frame, rays and magnify; cut & paste; colour cycling, black draw & fill. Outputs to most colour and dot matrix printers.

Deliver the message

Dary, J.

Gravesend: Fernleaf Educational Software Ltd
198-

BBC B (disk); £11.26 BBC B (cassette); £8.65

Disk or cassette

Language; Primary education; Secondary education; Puzzles; Problem solving; Computer games

Contained in Games of deduction. Involves logical thinking in the interpretation of clues on the possible position of traps and guards which must be avoided, and on where friends can be found to help in order to deliver a message successfully.

8-13

DeltaPlot

Richmond: Peter Bishop Associates

198-

RM Nimbus (PC,AX,VX); RM Nimbus network; £59.00 (single user licence); additional disk; £6.00; additional user guide; £5.00

1 disk; user guide

Mathematics; Statistics; Sciences; Business education; Geography; Economics; Further education; Cross curriculum; Secondary education; Data processing; Spreadsheets; Computer graphics

DeltaPlot is designed to display information from spreadsheets and statistical tables as line graphs, pie charts or bar graphs. Information can be taken from other PBA software such as AlphaStat, AlphaCalc, AlphaCalc activity pack, DeltaStat. The dBaseII utility transforms spreadsheets to DeltaStat format, enabling data to be used with AlphaPlot or DeltaPlot.

Requires RM Nimbus PC, AX or VX with at least 512K memory and one disk drive.

14-Adult

DeltaStat

Richmond: Peter Bishop Associates

198-

RM Nimbus; RM Nimbus network; £95.00 (single user licence); additional disk; £6.00; additional user guide; £5.00

1 disk; user guide

Mathematics; Statistics; Sciences; Business education; Data processing; Cross curriculum; Further education; Computer graphics

DeltaStat offers an integrated set of mathematical, statistical and graphics facilities which operate on large tables of numbers. Modules can be added to enable other programs and data logging equipment to transfer data to and from DeltaStat such as dBaseII.

Requires RM Nimbus PC, AX or VX, with at least 512K memory, single disk drive or network workstation.

Deluxe music construction set (DMCS)

London: MCMXCIX

198-

Apple Macintosh; £125.00 (25% education discounts available)

Disk

Music

A tool for developing music notation and composition skills. Note Palette or piano keyboard features allow user to listen to notes before placing them on the staff. Up to 32 staves allow 64 musical ideas at once. Includes 26 built in instruments/sounds and all music notation

and dynamic modifier symbols needed to produce sheet music.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

DeluxePaint 2 Enhanced

Langley, Nr. Slough: Electronic Arts Ltd

198-

PC; £99.99

Disk

Desktop publishing; Art; Design; Computer graphics

Supports most graphics cards, including EV cards; poster size printing; supports 250 pixels (in colour, depending on printer); gallery program for slideshow presentation; colour supports; EMS support for extended memory requirements; brightness contrast control; ILBM, TIFF, PCX, Windows & MacPaint format support.

Also available on 3.5" disk for PC

DeluxePaint 3

Langley, Nr. Slough: Electronic Arts Ltd

198-

Amiga; £79.99 Amiga; £35.00 (upgrade from DeluxePaint II)

Disk

Art; Design

Provides both paint and animation facilities; paint on multiple frames; animate brushes, define complex animations in single request. Includes extra-halfbyte support, direct over painting, wrap and tint brush modes, imprecise Airbrush and font support and faster perspective

DeluxePhotolab

Langley, Nr. Slough: Electronic Arts Ltd

198-

Amiga; £69.99

Disk

DeluxePrint 2

Langley, Nr. Slough: Electronic Arts Ltd

198-

Amiga; £49.99

Disk

Art; Design

Allows graphics to be placed anywhere on screen or arranged in one of 6 pre-set patterns; choice of over 100 borders, graphics and pictures included; print in colour or black and white (dependent on printer); compatible with DeluxePaint images; Kickstart 1.3 printer & compatible.

DeluxeVideo 3

Langley, Nr. Slough: Electronic Arts Ltd

198-

Amiga; £79.99

Disk

Art; Music

Allows Deluxe art and Deluxe music to be combined to make dynamic video presentations; titles, special graphic effects and rolling credits can be added. Facilities include visual script works in all Amiga resolution modes, including

HAM; extra half-brite and interface; supports Anim brushes from DPaint III; controls external devices, including single frame VCRs; supports BSVX sound and SMUS music files, plus MIDI output.

Demand

London: British Gas plc
1989

BBC B; BBC B+; BBC Master 128; RM Nimbus; RM Nimbus network; IBM PC; IBM Network; Acorn; £28.75

Disk; user manual

Home Economics; Craft, design, technology; Life skills; Secondary education; Sixth form education; Adult education; A Level examinations Simulation; Puzzles; Problem solving

Demand (Domestic energy management and design) A user friendly program in which students assume the role of occupier of any of four typical housing types in Britain. Provides details of energy-use characteristics, and analysis of running costs. Allows range of modifications to be costed and tried, and results analysed over short, medium and long term. Fuel prices, interest rates, etc. can be easily up-dated by user

Designed originally for BBC Master 128. Runs on Acorn and B+ machines, but is much slower.
18+

Demand and supply

Chepstow: AVP Computing
198-

BBC B; BBC B+; BBC Master 128; £19.50 RM Nimbus; £24.50 RM Nimbus network; (up to 16 machines) £45.00; (up to 48 machines) £65.00

Disk

Economics; Secondary education; Sixth form education; Further education

Contents: Utility maximisation and derivation of a demand curve (an exercise in the theoretical model of utility maximisation); Demand and supply in competitive markets (a graphical representation of a competitive market as the student attempts to find equilibrium level); Demand and supply and indirect taxes (shows the supply curve shifting due to taxes/subsidies); Demand for capital and labour (structured exercise showing how changes in the price of capital or labour.

Only specify 80t if you cannot use 40t disks
13+

Demand and supply and Competition

Chepstow: AVP Computing
198-

IBBC B; BBC B+; BBC Master 128; £27.50 RM Nimbus; £24.50 RM Nimbus network; (up to 16 machines) £45.00; (up to 48 machines) £65.00

IDisk

Economics; Secondary education; Sixth form education; Further education

Contents: Demand and supply (Utility maximisation and derivation of a demand curve); Demand and supply in competitive markets; Demand and supply and indirect taxes; IDemands for capital and labour; Competition (Revenue maximisation in imperfect competition; Profit maximisation in perfect competition; Marginal and average economic variables; Marginal productivity theory

Only specify 80t if you cannot use 40t disks
13+

Demand and supply and Indirect taxes

See : Demand and supply

Demand and supply in competitive markets

See : Demand and supply

Demand for capital and labour

See : Demand and supply

Demographic transitions

Tucker, C.; Payne, J.P.; Ross, A.J. (et al.)

Glasgow: Scetlander

Creative software for education

BBC B; BBC B+; BBC Master 128; £12.50

1 disk; teachers' notes; pupils' notes

Geography; Sociology; Secondary education; Sixth form education; Further education; Computer graphics

185572071X

Explores the problems associated with population growth/decline, the interaction of birth and death rates and resultant population figures over an extended time period.

BBC 40t 5.25" disk

13-18+

Demonstration disc

Llandudno: Micro Help

198-

BBC B; BBC B+; BBC Master; £1.25

Disk

Craft, design, technology; Design; Databases; Word processing; Computer programming; Programming languages; Utilities

Demonstration disks: 40t can cover any two of Companions; Scrapbook; Stepper Motor Controller - please specify which. 80t covers Companions; Scrapbook and Stepper Motor Controller. Discounts offered on quantity orders
40t or 80t disk

Demonstration programs

Harlow: Longman Micro Software
198-

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; £19.50 BBC Econet; SJ file server; AMCOM E-Net; £30.00

Disk

Physics; Secondary education; Sixth form education; Further education

4 programs demonstrating radioactive decay; alpha particle scattering; projectile motion and Fraunhofer diffraction.

BBC 40t, 5.25" DFS disk; BBC 80t, 5.25" disk
14-19

Desert rats

Smith, R.T.

Educational Software DEM - DES

London: Cases Computer Simulations Ltd
1985

Amstrad; £14.95 PC compatible; £19.95 Spectrum 48/128K; £9.95

Cassette (Spectrum); disk (Amstrad)

History; Secondary education; Simulation; Problem solving; Computer games

An interactive simulation of the North Africa Campaign in 1941-42, beginning with the arrival of Rommel in Tripoli and ending with El Alamein. Includes operations Battleaxe, Crusader and the Battle of Gazala. Includes a scrolling map and 6 scenarios. For 1 or 2 players.

11-Adult

Design : words and images

NCET/mesu

Coventry: NCET

1989

BBC Master; RML 480Z; 60.00 (pack); 12.50 (software only)

2 disks; 4 books; software documentation; 2 keyboard overlays (A3 & A4); A3 coloured display sheets

Design; Art; Craft, design, technology; Computer graphics; Primary education; Secondary education

1853790591

Contents: Patterns & picture builder; Cartoon. A resource pack to support/extend design activities using words and images. For inset and classroom use. Licensing agreements/large bulk orders; details from publishers.

5-14

Design a house

London: ITV Schools

198-

BBC B; BBC B+; BBC Master 128; £21.00

2 disks; Activity pack

Design; Craft, design, technology; Primary education; Secondary education; Computer graphics; Computer assisted design

Gives the opportunity to use the micro as a simple design tool in planning the most efficient use of living space. Includes a house-plan drawing facility and a large catalogue of fittings from which the house can be furnished. Designs can be assessed against planning constraints. Associated ITV Schools programme: The micro at work.

5.25", DFS

9-13

Design and draw

Scetlander

Glasgow: Scetlander

IBM PC (3.5" disk); £37.95 IBM PC (5.25" disk); £37.95

Disk; Users notes

Art; Design; Special educational needs; Computer graphics

1855720213 (5.25") 1855720248 (3.5")

Based on the PC version of Electra Pen; includes in addition a graphics and text facility. Created for switch users with severe physical handicaps, when it can be effectively used by a very wide range of people. Multilingual versions available - details from publishers

IBM PC 3.5" or 5.25" disk

Design calculations module

Frazer, Professor J. et al.

Toye, Downpatrick: Autographics Sales Ltd
1986

RM Nimbus; £50.00 IBM PC/AT; £60.00
Network versions; details from publishers

Disk; manual

Computer assisted design; Craft, design,
technology; Secondary education

Additional module for Compas designer

3.5" or 5.25" disks

13+

Design dimensions

See: Dimensions

Designer

Mold: TechSoft UK Ltd

1988

BBC B; BBC B+; BBC Master £115.00 Acorn
Archimedes; £195.00 Acorn Archimedes site
licence; £495.00

Disk; eprom

Craft, design, technology; Design; Computer
assisted design

A menu-driven computer assisted design
package, with features including user definable
grid with grid lock; true arcs, tangents and
normals; ellipses, full or part; powerful delete
facilities; modify command; automatic or
manual dimensioning; text entry at any size,
angle or slope up to 1000 characters at a time;
hatching at any angle/spacing; powerful layer
structure; comprehensive transformation
commands; zoom, scale and pan facilities.
Multiple copy discounts/site licences available -
details from publishers

40t or 80t disk; carrier type or cartridge type
eprom. Requires Acorn compatible DFS and
disk drive. Mouse or trackball recommended.
Supports range of Graphtec, Hewlett Packard,
Hitachi, Plotmate and Roland plotters - includes
generalised HP graphics language routine which
will operate large number of other plotters

11+

Designer intro

Mold: TechSoft UK Ltd

1989

Acorn Archimedes; £75.00 Acorn Archimedes
site licence; £195.00

Disk

Craft, design, technology; Design; Computer
assisted design

A menu driven computer assisted design
package, based on Designer (Archimedes).
Features include user definable grid with grid
lock; hunt and lock facility; true arcs, tangents
and normals, ellipses, full or part; powerful
delete facilities; editing facilities; automatic or
manual dimensioning; text entry at any angle,
size, or slope; powerful layer structure;
comprehensive transformation commands;
zoom scale and pan facilities

Outputs to wide range of line plotters, e.g.
Graphtec, Hewlett Packard, Hitachi, Plotmate,
Roland, etc. Screen dumps for FX/MX/RX
compatible printers

11+

Designing software products

Murray, Ian

London: Capital Media

198-

BBC B; £5.50

2 disks; book "Designing software projects for
the BBC Micro"

Secondary education; Sixth form education;
Further education; Simulation; Computer
programming; Computer studies

The book explains all the necessary stages in
producing good software, from evaluating the
concept, writing flowcharts and pseudo code to
the final debugging and implementation. Disks
contain following programs: 1. Serial file project;
2. Survey data program; 3. Traffic simulation
program; 4. Filing system program.

BBC 40t s/s, s/d disk

11+

Designing with microelectronics

Doncaster: RESOURCE

198-

Apple Macintosh; details from publishers

Disk

Sciences; Electronics; Databases

A HyperCard database to help students using
micro-electronic devices. Graphical interface
makes browsing for information easy;
HyperCard design allows zooming in to detailed
drawings and explanations. Laboratory icon
allows student to set up and test a circuit and
perform experiments such as Ohms Law.
Workshop icon gives access to construction notes
for whichever circuit is being studied.

Works on current Macintosh systems with at
least 1Mb RAM; please check required
configuration.

DesignWorks

Byfleet, Weybridge: CADSoft Systems

198-

Apple Macintosh; £685.00 (details of education
discounts from publishers)

Disk

Computer assisted design; Design; Craft, design,
technology; Engineering; Electronics

A fully-interactive digital logic design package,
presenting a "live" circuit on screen which
responds to connection, input and parameter
changes. Can communicate with other
applications, including word processing, drafting
PCB layout, spreadsheet and database
management. Netlist files can also be passed to
the Douglas Professional Layout package for
complete printed circuit board layout facilities
with auto-routing. Includes complete macro
capability; digital simulation for detection of
design errors.

Works on current Macintosh systems with at
least 1Mb RAM; please check required
configuration.

DesignWorks microprocessor libraries

Byfleet, Weybridge: CADSoft Systems

198-

Apple Macintosh; £250.00 (details of education
discounts from publishers)

Disk

Computer assisted design; Design; Craft, design,
technology; Engineering; Electronics

Libraries for use with DesignWorks.

Works on current Macintosh systems with at

least 1Mb RAM; please check required
configuration.

Deskspell

Studley: LTS (Learning and Training Systems)
198-

BBC B; BBC Master; BBC Master Compact;
Econet; £19.95

Disk; 80t ADFS or Econet

Spelling; Authoring aids; Primary education;
Secondary education; Sixth form education;
Further education

A spell checker for use with Desktop

80t, ADFS or Econet only.

10-18+

Desktop and mouse

Adlington, Macclesfield: Database Software

198-

Amstrad PCW; £79.95

Disk; mouse

Desktop publishing

Allows Amstrad PCW to operate like a 16-bit
micro. Provides additional features including
telephone address book; sophisticated menu;
alarm clock; calculator, etc.

Desktop art : artfolio

Witham: Dynamic Graphics (UK) Ltd.

198-

DeskTop Art

Apple Macintosh; £49.95

Disk

Art; Design; Craft, design, technology;
Computer assisted design; Computer graphics

A collection of MacPaint, MacDraw and
FullPaint compatible graphics on the theme
artfolios.

Works on current Macintosh systems with at
least 1Mb RAM; please check required
configuration.

Desktop art : athletics 1

Witham: Dynamic Graphics (UK) Ltd.

198-

DeskTop Art

Apple Macintosh; £49.95

Disk

Art; Design; Craft, design, technology;
Computer assisted design; Computer graphics

A collection of Encapsulated PostScript graphics
on the theme of athletics.

Works on current Macintosh systems with at
least 1Mb RAM; please check required
configuration.

Desktop art : borders and motifs

Witham: Dynamic Graphics (UK) Ltd.

198-

DeskTop Art

Apple Macintosh; £49.95

Disk

Art; Design; Craft, design, technology;
Computer assisted design; Computer graphics

A collection of MacPaint, MacDraw and

FullPaint compatible graphics on the theme of borders and mortices.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Desktop art : commerce 1

Witham: Dynamic Graphics (UK) Ltd.

198-

DeskTop Art

Apple Macintosh; £49.95

Disk

Art; Design; Craft, design, technology; Computer assisted design; Computer graphics

A collection of Encapsulated PostScript graphics on the theme of commerce.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Desktop art : designer elements 1

Witham: Dynamic Graphics (UK) Ltd.

198-

DeskTop Art

Apple Macintosh; £49.95

Disk

Art; Design; Craft, design, technology; Computer assisted design; Computer graphics

A collection of Encapsulated PostScript graphics on the theme of designer elements.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Desktop art : education

Witham: Dynamic Graphics (UK) Ltd.

198-

DeskTop Art

Apple Macintosh; £49.95

Disk

Art; Design; Craft, design, technology; Computer assisted design; Computer graphics

A collection of MacPaint, MacDraw and FullPaint compatible graphics on the theme of education

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Desktop art : four seasons

Witham: Dynamic Graphics (UK) Ltd.

198-

DeskTop Art

Apple Macintosh; £49.95

Disk

Art; Design; Craft, design, technology; Computer assisted design; Computer graphics; Desktop publishing

A collection of MacPaint, MacDraw and FullPaint compatible graphics on the theme of the four seasons.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Desktop art : graphics and symbols

Witham: Dynamic Graphics (UK) Ltd.

198-

DeskTop Art

Apple Macintosh; £49.95

Disk

Art; Design; Craft, design, technology; Computer assisted design; Computer graphics

A collection of MacPaint, MacDraw and FullPaint compatible graphics on the theme of graphics and symbols

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Desktop art : health care

Witham: Dynamic Graphics (UK) Ltd.

198-

DeskTop Art

Apple Macintosh; £49.95

Disk

Art; Design; Craft, design, technology; Computer assisted design; Computer graphics

A collection of MacPaint, MacDraw and FullPaint compatible graphics on the theme of health care.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Desktop art : people 1

Witham: Dynamic Graphics (UK) Ltd.

198-

DeskTop Art

Apple Macintosh; £49.95

Disk

Art; Design; Craft, design, technology; Computer assisted design; Computer graphics

A collection of Encapsulated PostScript graphics on the theme of people.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Desktop art : potpourri

Witham: Dynamic Graphics (UK) Ltd.

198-

DeskTop Art

Apple Macintosh; £49.95

Disk

Art; Design; Craft, design, technology; Computer assisted design; Computer graphics; Desktop publishing

A potpourri collection of Encapsulated PostScript graphics.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Desktop art : seasonal 1 (spring/summer)

Witham: Dynamic Graphics (UK) Ltd.

198-

DeskTop Art

Apple Macintosh; £49.95

Disk

Art; Design; Craft, design, technology; Computer assisted design; Computer graphics

Educational Software DES - DES

A collection of Encapsulated PostScript graphics on the theme of spring/summer.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Desktop art : sports

Witham: Dynamic Graphics (UK) Ltd.

198-

DeskTop Art

Apple Macintosh; £49.95

Disk

Art; Design; Craft, design, technology; Computer assisted design; Computer graphics

A collection of MacPaint, MacDraw and FullPaint compatible graphics on the theme of sports.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Desktop sounds

London: Computers Unlimited

198-

Apple Macintosh; £99.95

Disk; Hypercard stack

Utilities

A collection of 400 digitised sounds, which may be imported into programs such as HyperCard and MacroMind Director. May be accessed directly from disk. Provides a total of 28Mb of material, covering themes such as aircraft, animals, background, comedy, crowds, etc.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Desktop stories

Wisbech, Cambridgeshire: esm

198-

Acorn Archimedes; £44.00

Disk

Language; Design; Primary education; Secondary education; Cross curriculum; Authoring aids; Desktop publishing

An easy to use desk top publishing program including a framework for authoring books. Includes picture library and black and white / colour print facilities

Archimedes 3.5" disk

8-13

Desktop stories

Allen, Derek; Threadgill, Stephen; Avis, Peter; et al.

Doncaster: RESOURCE

1988

Acorn Archimedes A305; A310; A410; A440; £36.50

2 disks; 1 documentation booklet; Keystrip; Worksheets

English; Language; Creative writing; Primary education; Secondary education; Desktop publishing

852120169

A computer based story writing program; the story is made up of a series of pages which

contain a mixture of writing and pictures. These 'pages', once created, may be displayed either in sequence, like an electronic book, or printed out for display either in children's books or wall displays. LEA/Regional licences and bulk purchase discount available.

8-13

Desktop 2

Studley: LTS (Learning and Training Systems) 198-

BBC B; BBC Master; BBC Master Compact; Econet; Acorn; SJ Research; AMCOM; £79.95

Business education; Computer studies; Cross curriculum; Word processing; Databases; Spreadsheets; Computer graphics; Communication; Primary education; Secondary education; Sixth form education; Further education

A fully integrated package, which includes mail merge utilities and a WYZYWYG preview mode which displays bold, underlined and italic text and graphics on screen. Purchasers of early version can upgrade for £4.95.

Stand alone or disk (40t or 80t) or Econet 10-18+

Determination of the electrostatic constant

Ford, P.

Ashton-under-Lyne: Granada Educational Software

1989

BBC; RML 380Z; RML 480Z; £15.00

Disk; documentation; worksheets

Physics; Secondary education; Sixth form education; Further education; Computer graphics

Contained in Physics suite. Allows many balance points to be found and can be used to demonstrate Coulomb's Inverse Square Law and determine the electrostatic constant.

Disk (40t). RML 380Z requires 80 character keyboard.

11-16+

Determining metabolic pathways

Dolgellau: Science Education Software

198-

BBC B; BBC Master 128; Econet; £16.00 + VAT
RM Nimbus; £17.00 + VAT
RM Nimbus Network; £32.00 + VAT

Disk

Biology; Sciences; Sixth form education; Secondary education; Simulation

Simulates the experimental technique developed by Beadle and Tatum for determining the metabolic pathway of a micro-organism.

BBC 40t, 5.25" disk; BBC 80t, 5.25" disk; RM Nimbus, 3.5" disk

14-18

Deutsch direkt!

Meara, Paul; Fagandini, Maddalena

London: BBC Enterprises / Longman-Logotron 1986

BBC B; BBC B+; BBC Master 128; £25.00
Econet: details from publisher BBC Master Compact; £27.50

1 disk; documentation (1 booklet); 1 audio cassette

Modern languages; German; Secondary education; Adult education

0563211911

Intended to complement the BBC's first-stage German course "Deutsch direkt!" but can be used alone. Contents: Words; Review (two practice activities); Word square; Links; Clock (game type exercises stimulating further vocabulary learning)

Supplied on a 40t disk, which can be used in a 40 or 80t drive using a converter program for the 80t disk

12+

Deutsche verben mit Klaus

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £24.50

Disk

German; Modern languages; Secondary education; Computer graphics

Colourful graphics and German folk songs help to guide the student (both beginner and advanced through conjugations and tenses.

Only specify 80t if you cannot use 40t disks

12+

Developing tray

London: ILECC (Inner London Educational Computing Centre)

1986

RML 380Z; RML 480Z; RML network; £12.00
RM Nimbus stand alone; £15.00; RM Nimbus network; £30.00

1 disk; 1 handbook

Language; English; Reading skills; Infant school education; Primary education; Secondary education

070859946X (documentation)

Pupils are encouraged to 'soak in' and 'sort out' texts through reading, writing, talking, and listening. The screen is used as a tray in which the printed message develops under the reader's control.

The RM Nimbus version has optional mouse control and improved diagnostics.

5-14+

Development data search

Thorn, Ian

Harlow: Longman Micro Software

1984

BBC B; BBC B+; BBC Master 128; £19.50

Disk; 1 documentation booklet; Development exercise sheets

Economics; Statistics; Geography; Sociology; Secondary education; Sixth form education; Further education; Databases

0582263913

A statistical and graphical investigation of world development. Contains data on 14 variables for the 50 largest countries. Exercises encourage investigation of relationships in the database using scattergraphs; dispersal diagrams/frequency values; plotting on a world map the top/bottom ten countries for a selected variable; calculates the Spearman's rank correlation coefficient

40t, 5.25" DFS disk

14-19

Device equations

Camberley: ARS Microsystems Ltd.

198-

PSPice

Apple Macintosh; £350.00 (20% education discounts available)

Disk

Computer assisted design; Design; Craft, design technology; Engineering; Electronics; Simulation

An optional extra for use with PSPice.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Dex

See: Secondary maths 2

DFS reader

St. Albans: Beebugsoft Ltd

198-

Acorn Archimedes; £10.42 (£9.90 members' discount price)

Disk

Utilities

DFS reader : RISC OS upgrade

St. Albans: Beebugsoft Ltd

198-

Acorn Archimedes; £3.20 (£2.40 members' discount price);

Disk

Utilities

DHL (Design heat loss)

See: CEDRIC (Community energy display and retrieval of information and calculation)

Diagonal

See: Games, activities and investigations : volume 1

Diagonal

See: Mathematical investigations in the primary classroom

Diagram

Marsh, S.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1984

BBC B; £6.00

Disk

Physics; Sciences; Secondary education

Interactive program for class or small group work which draws ray diagrams for curved mirrors and lenses.

Diagram processor

See: Science in process : pack 6

Diagram quiz

See: Science in process : pack 3

Diagram 2

Daniels, J.F.

Ilford: Pineapple Software

1988

BBC; Acorn Archimedes; £25.00

Disk; 16K Eprom; handbook

Design; Craft, design, technology

Features include rapid horizontal/vertical line drawing routine; automatic joins for circuit diagrams; full rubber band line drawing/circle drawing modes; with Acorn GXR rom draws arcs, sectors, chords, parallelograms, ellipses, flood filling; pixel cursor drawing/deleting mode; defined areas may be moved, copied, deleted or saved to disk; wordprocessor files may be loaded and formatted into any shape screen area; areas of diagram may be indexed. Wide print options.

40/80t disk DFS/ADFS (ADFS only if Shadow memory available); if 3.5" disk or 80t on side 0 required, please specify. Fully compatible with Marconi trackerball and Mice.

Diary planner

Ayre, Peter; Payne, Tony

London: Pitman Publishing

1984

Computers, information, awareness

BBC B; BBC B+; BBC Master; £25.00

1 disk; 1 booklet

Computer studies; Cross curriculum; Business education; Secondary education; Further education; Adult education; Databases

0273122180

This is one of the five programs complementary to the book 'Microcomputers and business studies' by Christine Disney and deals with the computer control of appointment details, scheduling and planning applications

11-Adult

Dice

See: Basic package

Dice

See: Secondary maths 2

Dicecoin

See: Micros in the mathematics classroom : 2nd ed

Dictionary

Swansea: HS Software

1986

BBC B; BBC B+; BBC Master 128; BBC Master Compact; £9.95

Disk; booklet

English; Creative writing; Infant school

education; Primary education; Special educational needs; Secondary education

Allows teacher to create an individualised "dictionary" of up to 400 words or phrases for each pupil in the class. Children can compose stories from combinations of the words/phrases, with the option of printing them out. "Press any key" facility allows physically handicapped children to create, edit and communicate rapidly and effectively.

BBC 40 or 80t disk; Master Compact 3.5" disk

5-12

Dictionary database

See: Dictionary word games : pack 1 and pack 2

Dictionary program

See: Dictionary word games : pack 1 and pack 2

Dictionary program set

Birmingham: Daco Software

198-

BBC B; BBC B+; BBC Master; £14.95 A3000 Version and Archimedes available now; £17.95

Disk

Spelling; Life skills; Special educational needs; Primary education; Secondary education; Language

4 programs introducing and developing skills for using a dictionary - finding the right page, finding the target word. Provides a short definition of the target word, and a screen question based on the definition. Displays time taken to find the target word.

7+

Dictionary word games : pack 1

Robinson, Brent

Harlow: Longman Micro Software

1987

Dictionary word games

BBC B; BBC B+; BBC Master 128; £25.00

2 disks; 1 documentation booklet

English; Language; Databases; Spelling; Computer Games; Primary education; Secondary education

0582268311 (disk); 0582265673 (booklet)

Contents: Nudge! Nudge! (word matching strategy game); Criss cross words (crossword game); Dictionary program (utility for searching, adding to or creating new dictionary database); Dictionary database (from the New Generation Dictionary). Available as package together with pack 2

BBC 40t, 5.25" DFS disk

11-16

Dictionary word games : pack 2

Robinson, Brent

Harlow: Longman Micro Software

1987

Dictionary word games

BBC B; BBC B+; BBC Master 128; £25.00

3 disks; 1 documentation booklet

English; Language; Databases; Spelling; Computer Games; Primary education; Secondary education

0582268311 (disk); 0582265673 (booklet)

Contents: Double bluff (group game based on Call my bluff); Wordstretch (snakes and ladders type game building new words from old); Dictionary program (utility to search, add to or create Dictionary database); (from the New Generation Dictionary). Available as a package together with Pack 1

BBC 40t, 5.25" DFS disk

11-16

Diet analysis

Harlow: Longman Micro Software

198-

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; £19.50 BBC Econet; SJ file server; AMCOM E-Net; RM Nimbus/Network; £30.00

Disk

Home economics; Secondary education

A breakdown of the calorie, protein, fat, carbohydrate, vitamin and mineral content in meals selected by the user.

BBC 40t, 5.25" DFS disk; BBC 80t, 5.25" disk; Nimbus/Network 3.5" disk

13-16

Diet analysis

See: Animal physiology pack

Dieting

Rogers, W.G.; Devereux, S.V.

Plymouth: Garland Computing

1983

Human biology : collection 2

BBC B; BBC B+; BBC Master 128; £13.85 Econet; £31.85

Disk

Biology; Home economics; Secondary education; Sixth form education; Further education

Helps understanding of concepts of energy intakes for different subjects - pupils choose a diet that provides required energy intake for a specified subject. Contained in Human biology : collection 2. Site licences, multiple copy discounts available; details from publisher

BBC 40 or 80t (please specify)

13-16+

Diets

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £24.50 Econet; £58.50

Disk

Biology; Nutrition; Secondary education; Sixth form education; Further education; Adult education; Computer graphics; Home economics

Allows comparison between nutrient composition of each food; Option for 52 foods/10 nutrients; 624 foods/15 nutrients (including 104 Asian foods); building up a day's food meal by meal, presenting data in tabular form. Includes quiz to test knowledge

Only specify 80t if you cannot use 40t disks

13+

Differ

See: Primaths4

Differ

See: Games, activities and investigations : volume 1

Differ

See: Mathematics practice in the classroom

Differences : logic 5

Hewitt, Iris

Wisbech, Cambridgeshire: esm

198-

BBC B; BBC B+; BBC Master 128; £18.50

Disk; teacher's handbook

Mathematics; Puzzles; Problem solving; Primary education; Computer games

Deals with the concepts of attributes and making two-decision changes, to anticipate the result of one decision change, plan ahead and hold one idea while considering two other possibilities, the relationship. Contained in Shiva Numeracy and Logic programme and in Shiva Logic programme.

BBC 5.25" disk

5-11

Diffuse

See: Atoms and Diffuse

Dig

Oxfordshire County Council, Computer Education Unit

Wheatley: Oxfordshire County Council, Computer Education Unit

1985

Humanities module : 4. Oxfordshire Modular Computer Education Unit

RML 380Z/480Z/Network; £27.00 RM Nimbus/Network; £27.00

Disk; find cards; booklet

History; Archaeology; Adventure simulation; Creative writing; Primary education; Secondary education

A program simulating an archaeological excavation, enabling pupils to appreciate the methods of excavation, recording and subsequent analysis which help explain the past. Based on an excavation at Claydon Pike, near Lechlade, Gloucestershire, the site for an Iron age settlement, a Roman garrison, a Roman villa and an Anglo Saxon burial ground. Bulk discounts/LEA licences available. Extra copies of booklet and set of find cards available; £8.00.

RM Nimbus/Network 3.5" disk; RML s/d 5.25" disk for RM 480Z L4 or L5 with disks or on network; RM 380Z with disks, 56K memory and high resolution graphics.

8-15

Dig for history

Thompson, Brian

Durham: Northern Micromedia

1984

BBC B; £12.00

Disk; resource pack

History; Secondary education; Simulation; Primary education

Includes three separate programs based on a study of the Roman Fort at Vindolanda, a short distance from Hadrian's Wall. Presents information for use as part of a project on Roman history.

9-13

Digestion

See : Biology pack 4

Digestive system

See: Human biology. 4: The digestive system. Metabolism

Digging deeper into history

Coventry: English Heritage; NCET/MESU 1989

BBC B; BBC Master; RML 480Z; RM Nimbus; £25.00

7 disks; 4 books; A4 photocopy masters; site cards; find cards

History; Environmental education; Secondary education; Simulation

A simulation combining history and information technology as pupils explore the impact of a new gas pipeline across eastern Yorkshire, assessing the relative importance of economic development and conservation. Licensing agreements/large bulk orders: details from publishers

40t disk

11+

Digital darkroom

Glasgow: Persona TMC Ltd

198-

Apple Macintosh; £210.00

Disk

Art; Design; Craft, design, technology

Provides full control for image enhancement work. Features include magic wand tool; slider control for blending images; retouching tools; autotrace facility; advanced halftone option. Option to export shapes to Adobe Illustrator or Aldus FreeHand.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Digital electronics

Plymouth: Garland Computing

1986

BBC B; BBC B+; BBC Master 128; £17.00 RM Nimbus; Acorn Archimedes; £19.80 Nimbus network; £34.65

Disk

Electronics; Secondary education; Sixth form education; Further education; Simulation

Includes 5 main programs; 2 instruction programs; 8 files of circuit files for use with the design program. After instructional/revision sections on gate symbols and logic, design program allows a simulation of a circuit board with up to 35 logic gates of 6 types and 8 input points. Circuit files may be saved to or loaded from disk. Site licences, multiple copy discounts available; details from publisher

BBC 40 or 80t (please specify). RM Nimbus versions supplied with BBC- BASIC 13+

Digital electronics taster course

Clwyd: Clwyd Technics Ltd

198-

BBC B; BBC B+; BBC Master; £56.95 BBC B+; BBC Master; £49.95 (without documentation)

Disk; complete kit includes documentation

Control technology

A reusable self-contained kit, allowing teachers to create the first awareness of modern micro-electronic technology. Covers recognition and use of resistors and capacitors; current flow; a lamp flasher circuit with audible alarm; binary to decimal conversion with automatic/manual counting and decimal display. Teacher's notes and pupil activity sheets available separately (£2.75 each set)

11-16+

Digital electronics: a computer-aided course

Sparkes, Bob

Harlow: Longman Micro Software

198-

BBC B; BBC B+; BBC Master 128; £55.00 E Econet; SJ file server; AMCOM E-Net; £90.00

Disk

Electronics; Physics; Secondary education; Sixth form education; Further education; General Certificate of Secondary Education; A Level Examinations; Simulation

A package simulating the properties of microelectronic devices. Contents: Unit 1 (Coding information); Unit 2 (Digital systems); Unit 3 (Microprocessor systems). Stand alone versions of units available separately. Previously published by Addison-Wesley.

BBC 40t, 5.25" DFS disk; BBC 80t, 5.25" disk 15-19

Digital files

Camberley: ARS Microsystems Ltd.

198-

PSpice

Apple Macintosh; £350.00 (20% education discounts available)

Disk

Computer assisted design; Design; Craft, design; technology; Engineering; Electronics; Simulation

An optional extra for use with PSpice.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Digital simulation

Camberley: ARS Microsystems Ltd.

198-

PSpice

Apple Macintosh; £350.00 (20% education discounts available)

Disk

Computer assisted design; Design; Craft, design; technology; Engineering; Electronics; Simulation

An optional extra for use with PSpice.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Dihybrid

See: WSS biology pack 1

Dihybrid cross

See : Genetics

Dimensions

Ruislip: Desktop Engineering Systems
198-

Apple Macintosh; £775.00 (schools and sixth form colleges); £995.00 (universities and polytechnics)

Disk

Computer assisted design; Design; Craft, design, technology; Engineering; Secondary education; Sixth form education; Further education; Adult education

A modular CAD and presentations systems. Contents: Presenter (allows files to be imported from majority of 2 and 3D CAD packages); Design (a colour, general purpose 3D CAD system); Ray Trace (produces near photographic quality images); VersaCAD Interpreter; DXF Interpreter.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Dimensions presenter

See: Dimensions

Dinah

Cambridge: Biosoft

198-

Blanchaer Clinical Case Studies

IBM PC/PS2; Apple Macintosh; Apple II; £50.00 (single simulation) Additional simulations on same order £30.00

Disk; manual

Sciences; Biology; Home economics; Simulation; Sixth form education; Further education; Adult education

An interactive simulation - Dinah is obese and students have to solve her problems.

5.25 disk Apple II series 3.3 DOS, 64K RAM minimum; IBM PC (CGA/EGA), 3.5 disk also available.

18+

Ding-dong

Hitchin: James Nisbet & Co Ltd

198-

BBC B; £13.50

1 disk; full documentation

Language; English; Primary education; Computer games

0720214661

This two-player game is designed to reinforce the teaching of final consonant blends and digraphs in four-letter words. Speed, number of choices and difficulty level can be changed by the teacher

6-10

Dino yourfacts

See: Factfile

Dinosaur discovery

Jacaranda

Barnstaple (UK Version): 4mation Educational Resources

1986

BBC B; BBC B+; BBC Master; £23.00

1 disk; 1 teacher's manual; 2 diaries; master sheets; labels

Puzzles; Problem solving; Primary education; Secondary education; Special educational needs; Adventure simulation; Computer games; Cross curriculum

An educational adventure game, with suggestions for setting up a Dinosaur Discovery cross-curricular project and for activities related to Language, Drama, Art, Craft and design, Mathematics and Science

9-13

Dinosaur world

See Evolve

Dinosaurs

Holmes, Barry; Whittington, Ian

Huntingdon: Cambridgeshire Software House

1984

BBC B; BBC B+; BBC Master 128; BBC Master Compact; RM Nimbus; £20.00 Site Licence; £40.00

1 disk; 1 documentation booklet; 7 overhead transparencies; 8 A4 site cards

Sciences; Language; English; Infant school education; Primary education; Adventure simulation

Small groups of top infant or junior children are asked to explore a site where dinosaur bones are to be found. They are expected to use reference material and keep records of their expedition

6-8

Dips

See: Geological mapwork

Dipun

See : Genetics

Direct collision

Chepstow: AVP Computing

BBC B; BBC B+; BBC Master 128; £24.50

Disk; Student notes; worksheet

Physics; Mathematics; A level examinations; Sixth form education; Further education

Designed to meet the needs of students on A level or BTEC courses in Physics and/or Applied Maths. The programs show a representation of the collision between two bodies moving in the same straight line, or between a body and a rigid surface perpendicular to the line of motion of the body. The bodies are represented by moving symbols on the screen. The student can vary the masses of the bodies and their velocities before the collision and determine the velocities after collision by measuring the distances travelled in a given time. The collisions can be perfectly

elastic, inelastic or elastic with differing values for the coefficient of restitution chosen by the student. The student is required to calculate momentums and kinetic energies before and after the collision. This leads to the Principle of Conservation of Momentum and Newton's Experimental Law of Collision

16+

Directed

See: Micros in the mathematics classroom : 2nd ed

Direction

See: Maps and landscapes; 2

Directions

RCEVH (Research Centre for the Education of the Visually Handicapped)

Oldham: Northwest SEMERC

198-

BBC B; BBC B+; BBC Master 128; IBM PC and compatibles; RML Nimbus; £7.00

Disk

Special educational needs; Life skills; Infant school education; Primary education; Secondary education; Further education; Adult education

For young children, including visually handicapped children with some sight, or multi-handicapped individuals of all ages. Assists in teaching the concepts of up, down, left and right. Provides early introduction to using a joystick. 4 programs providing up-down and left-right practice. Events on screen correspond to joystick movements.

BBC input via 4-way joystick or analogue joystick or user-port switches or BBC keyboard; IBM input via PC keyboard or 4-way IBM joystick or Microsoft-compatible mouse; RML Nimbus input via keyboard or joystick or mouse.

5+

Directions 1

See: Basic package

Directions 2

See: Basic package

Disasters

Studley: LTS (Learning and Training Systems)
198-

BBC B; BBC Master; BBC Master Compact (disk or networked); £25.95

Disk; Activity sheets

Geography; Secondary education; Sixth form education; Further education; Databases

Six databases covering storms, earthquakes, floods, etc. to assist in the study of atmospheric and geomorphic hazards. Database program included; may also be used with Desktop

Network software on 80t DFS with transfer instructions. For stand alone software, please specify format required

11-18+

Discharge

See: River studies

Discloze

Perkins, John; Radcliffe, Nick; Neale, Susan; et al.

Hatfield: Advisory Unit

1986

BBC B; BBC B+; BBC Master 128; Master Compact; Econet; £12.00

1 disk; 1 booklet

Reading skills; Primary education

0946039313

A text-disclosing program for the development and practice of children's reading skills. Bulk order discounts available.

7+

Discovering Datchworth : a changing community in the 19th century

Hatfield: Advisory Unit

198-

Quest curriculum packs

BBC Master 128; £25.00

Disk; resource sheets; audio cassette tape; booklets; guide book

History; Geography; Cross curriculum; Information handling; Databases; Primary education; Secondary education; General Certificate of Secondary Education

0946039747

A resource pack for investigative study of a changing community in the 19th century. Based on the use of information taken from the 1851-1881 Census returns for Datchworth, a Hertfordshire village. Includes teachers notes, classroom support materials and an audio cassette tape of interviews with villagers. Provides a stimulus for creative use of the computer in primary and secondary schools. Intended for use with Quest64 (BBC Master), Quest 16, PCQuest, Oriol and Qmap.

Please specify machine version required.

7+

Discrete data and the binomial distribution

See: A level statistics

Disfree

Krauth, Joachim

Cambridge: Biosoft

198-

IBM PC/PS2 and compatibles; £ 250.00

Disk; manual

Sciences; Statistics; Simulation; Secondary education; Sixth form education; Further education; Adult education

A comprehensive definitive package of distribution-free statistics. Superb user interface, with hierarchical menus, excellent data editing and storage facilities and comprehensive print-out of results using Epson compatible printers. Built-in simulations of the 25 most complex tests; separate versions of all tests for large and small sample sizes; 86 statistical procedures. Variety of tests covering two sample tests of heterogeneity; two sample tests of dependence; tests for heterogeneity for three or more samples

Requires 256K RAM minimum; DOS 2.0 or later

11+

Disk

See: Basic package

Display data and Weather

Doncaster: RESOURCE

198-

BBC B; BBC Master 128; £21.95

2 Disks; documentation; 2 keystrips

Mathematics; Environmental education; Information handling; Databases; Primary education; Secondary education; Computer graphics

Display data - this program allows the user to present information in the form of a bar chart, pie chart or wind rose. By creating charts quickly using the computer, pupils can concentrate on the interpretation of results. Data may be entered in decimals or whole numbers. Weather - a database for recording meteorological information at school and producing a wealth of information for further study. It contains a powerful graphing facility which allows comparison of weather factors recorded over one month, three months or a year

5.25" 40t DFS disk. 80t DFS available - surcharge £1.50 per disk. Can be used with concept keyboard

7+

Disraeli and the eastern question

Atkinson, Robert; Watson, Deryn; Howie, Neil; et al.

Harlow: Longman Micro Software

1983

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; Acorn Archimedes; £19.50 BBC Econet levels 2 & 3; SJ file server; AMCOM E-Net; RM Nimbus/Network; £30.00

1 disk; 1 teachers' guide

History; Secondary education; Sixth form education; Further education; Simulation

0582263638

Provides an insight into the problems involved in British foreign policy during 1875-8, as students decide how Disraeli would have acted in the Balkan Crisis

BBC 40t, 5.25" DFS; BBC 80t, 5.25"; Nimbus 3.5"/Network; Archimedes compatible 3.5" disk 14-18

Distillation

See: Science in process : pack 2

Distribution and location maps

See: Geography data processing. 1: Data presentation

Diurnal temperature analysis

See: Practical meteorology. 2: Small scale weather patterns

DIY

See: Molgraf

DIY micro map

Loughborough Primary Project

Harlow: Longman Micro Software

198-

BBC B; BBC B+; BBC Master 128; £30.00

Disk

Geography; Primary education; Secondary education

Allows user to make own maps e.g. of school grounds, local town, field studies locations; includes 4 ready made maps of Bala in Wales, an imaginary island; a town centre; and of the north of Ferndale. Can be used with Micro M 1 and/or 2.

BBC 40t, 5.25" DFS disk

10-16

DIYbase

Doncaster: RESOURCE

198-

BBC B; BBC Master; BBC Master Compact; Acorn Archimedes; £30.50

2 disks; documentation

Utilities; Databases; Cross curriculum; Primary education; Secondary education

A database creator which allows user to create stand-alone, dedicated database shells for as many databases as is wished. Data files may consist of text, number fields, date fields, functions and restricted choices. Data once entered may be manipulated in various ways, producing graphs and charts, sorting and performing simple mathematical operations & calculations. LEA/Regional licences and bulk purchase discount available

BBC B/Master 5.25" 40t DFS; Master 128 5.25" ADFS; Compact 3.5" ADFS. 80t DFS available £1.50 surcharge per disk

7-13

Dizzy

See: Vivid

dmsAstra accounting

Sheffield: DMS Electronics Ltd.

198-

Apple Macintosh; £1,600.00 (single user); £4,000.00 (multi user). Education discounts available; details from publishers

Disk

Business education; Schools; Accounting

An integrated accounting software series with multi-user and point of sale capabilities. Modules including invoicing; sales ledger; order processing; back orders; job costing; purchase ledger; stock control; management accounts. Facilities cover multiple printer selection; flexible report. Evaluation disks available on 3 month trial base (£69.00 single user; £90.00 multi user).

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

DNA structure and replication

Garland, John M.

Plymouth: Garland Computing

1983

Biochemistry and molecular biology collection

BBC B; BBC B+; BBC Master 128; £16.00 Econet; £33.65

Disk

Biochemistry; Biology; Secondary education; Sixth form education; Further education; Computer graphics

A step by step familiarisation with DNA structure; the process of semi-conservative replication and enzymic events at the replication fork. Contained in Biochemistry and Molecular biology collection. Site licences, multiple copy discounts available; details from publisher

BBC 40 or 80t (please specify)

16+

DNAfile

See: Molecular Biology Series

DNumb

Marshlands

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1983

BBC B; £6.00 (£7.00 with Number search)

Disk

Mathematics; Primary education; Computer graphics; Computer games

To develop the concept of, and show addition and subtraction of, positive and negative numbers using "monster" graphics display. Demo, class or individual use, includes tests and printer option.

Dog

See: Basic package

Dog racing

See Cedars get fit set

Doggy

See: Basic package

Dogs

See: Teaching with a micro : maths 3

Domesday Book 1086

Glasgow: CDG (Scotland) Ltd.

198-

BBC B; BBC B+; BBC Master 128; £15.50

Acorn Archimedes; IBM PC; RM Nimbus; £21.50 IBM PC; RM Nimbus network; £32.25

1 Disk; documentation

1 History; Databases; Secondary education; Sixth form education

11853950580

A county-based study of Norman England with data covering population; land use; industry and property. Each county is represented permitting individual study. Structured modular work units accommodate all ability levels; integrate computer procedures and assist in the acquisition of knowledge and understanding, developing enquiry, evaluation and analysis skills, etc. Optional Epson compatible screen dump (BBC/Nimbus only) available - £7.50 (BBC); £13.50 (Nimbus). Discounts available for purchase of any two or more datapacks - details from publishers.

Please state format required: BBC 40 or 80t disk; IBM PC (EGA/ECD only).

112-18

Domesday database

Hemsley, Keith; Banks, David; Hardwick, Steve; et al.

Doncaster: RESOURCE

198-

BBC B; BBC Master 128; BBC Master Compact; £14.50 Econet; £24.50

1 disk; documentation booklet Econet pack includes 5 sets student documentation

Databases; Primary education; Secondary education; History; Geography; Local studies; Information handling

Allows schools to use local Domesday data, collected as part of the BBC Domesday project, with data presented as pie charts, bar charts or plotted on a map of the area covered. Includes data about South Yorkshire but publishers will negotiate arrangements for preparation of information on other areas. LEA/Regional licences and bulk purchase discount available.

BBC B/Master 5.25" 40t DFS disk; Master 128 5.25" ADFS; Master Compact 3.5" ADFS; Econet 5.25" 40t. 80t DFS available - surcharge £1.50 per disk.

8-15

Domestic electrical fault tracing

Harlow: Longman Micro Software

198-

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; Acorn Archimedes; £19.50 RM Nimbus/Network; £30.00

Disk

Physics; Secondary education

Develops problem solving skills as pupils identify why a television does not work when plugged in.

BBC 40t, 5.25" DFS disk; Archimedes compatible 3.5" disk; Nimbus/Network 3.5" disk.

11-14

Domestic heating

Harris, John G.; Sellman, Royston; Squires, David

Harlow: Longman/Logotron

1987 (BBC)

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; £21.00 RM Nimbus/Network; £33.00

1 disk; 1 documentation booklet

Sciences; Physics; Home Economics; Secondary education; Sixth form education; Further education; Engineering

0582268400

Allows student to explore the effects on heating bills of various changes in values, e.g. type of house, construction, size, height, temperature location, exposure, altitude, ventilation etc; and how to reduce energy costs.

BBC 40t 5.25" DFS; Nimbus/Network 3.5" disk.

14-19

Dominoes

See: Games programs

Dominoes

See: Games : disk 5

Dominoes

See: Breaktime games

DOS+ and Econet licence

St. Albans: Beebugsoft Ltd

198-

Econet; £171.35 (£162.78 members' discount price)

Programming languages

Dose effect analysis with microcomputers

Chou, J.; Chou, T.C.

Cambridge: Biosoft

198-

IBM PC series; Apple II series; £ 75.00

Disk; manual

Sciences; Biochemistry; Adult education

A series of programs for quantitation of synergism, antagonism, low-dose risk, receptor ligand binding and enzyme kinetics, covering a variety of analytical techniques. Contents include Michaelis-Menten Kinetics; multiple drug effect analysis; effect or risk assessment; therapeutic and safety indexes; Scatchard plot; calculator of receptor K, etc.

IBM requires graphics card, CGA, EGA or HGA. Apple II requires 48K RAM minimum, 3.3 DOS, graphics dump facility desirable

18+

Double bluff

See: Dictionary word games : pack 2

Double Helix II

Exeter: Computer Capability

198-

Apple Macintosh; £445.00

Disk

Databases; Data processing; Information handling

An interactive data-based information management system, with graphics interface design; data-based applications generator with custom menus, security and advanced design tools. Other features include posting; automatic data manipulation; automatic save and logging functions. Add on network package available - Helix Multi user Kit - £395.00.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Double up

Higgins, John; Higgins, Muriel

London: Research Design Associates order via Wida Software Ltd

198-

MS DOS; £29.95

Disk

English; Language; English (second language); Modern languages; French; German; Puzzles; Problem solving; Secondary education

Vocabulary, textual problem solving and lateral thinking practice. Words of a short one/two sentence text appear as an alphabetical list, which students have to reorder, two words at a

time, until text is rebuilt. Includes texts in English, French and German; teachers can also input their own.

MS/DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1MB memory & IBMulator

11+

Double-dot

See: Probability and statistics programs

Dragon

Scott, W.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1985

BBC B; £7.00

Disk; Documentation

English; Language; Reading skills; Spelling; Puzzles; Problem solving; Primary education; Secondary education; Computer games

Adventure game where pupils work as a team to find and kill the dragon. They have to look for, talk about and then test various strategies for solving puzzles.

9-14

Dragon world

Matson, Mike

Barnstaple: 4mation Educational Resources

1985

BBC B; BBC B+; BBC Master; RML 480Z; £24.00

Disk or cassette; 1 audio-tape; 1 illustrated story book; 1 user's manual; 1 book of ideas; illustrated record sheets; Concept keyboard overlay

Puzzles; Problem solving; Infant school education; Primary education; Special educational needs; Adventure simulation; Computer Games; Cross curriculum

An educational adventure program which can provide the basis for a whole class group-work project for a term, encouraging cross-curricular activities

BBC disk; RML 480Z disk

6-10

Drainage basin

London: ILECC (Inner London Educational Computing Centre)

198-

RML 380Z; RML 480Z; RML network; £10.00
RM Nimbus stand alone; £15.00; RM Nimbus network; £30.00

1 disk; 1 handbook

Geography; Physics; Secondary education; Further education; Simulation

The user is asked to select from a wide range of river basins with a variety of characteristics and enters a storm profile. The outcome is a storm hydrograph which shows how run-off from the basin varies with time and how each of the processes contributes to the overall pattern.

11-18+

Drainage basin morphometry

See: Physical geography pack

Drainage basin simulation

See: Learning geography with computers

Draughts

See Breaktime games, Brilliant Computing

DrawArt : boardroom graphic designs

Middlesbrough: Applied Technology Marketing
198-

DrawArt

Apple Macintosh; £89.00

Disk

Art; Design; Computer assisted design; Craft, design, technology; Computer graphics

A graphics library on the theme of boardroom graphic designs

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

DrawArt : business and education

Middlesbrough: Applied Technology Marketing
198-

DrawArt

Apple Macintosh; £89.00

Disk

Art; Design; Computer assisted design; Craft, design, technology; Computer graphics

A graphics library on the theme of business and education.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

DrawArt : business forms

Middlesbrough: Applied Technology Marketing
198-

DrawArt

Apple Macintosh; £89.00

Disk

Art; Design; Computer assisted design; Craft, design, technology; Computer graphics

A graphics library on the theme of business forms.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

DrawArt : sports and leisure

Middlesbrough: Applied Technology Marketing
198-

DrawArt

Apple Macintosh; £89.00

Disk

Art; Design; Computer assisted design; Craft, design, technology; Computer graphics

A graphics library on the theme of sports and leisure.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Drawing pictures and puzzles

Backwell, Bristol: Arrowsoft Educational Software

198-

BBC B; BBC Master; £12.00

Disk

Art; Design; Computer graphics; Primary education; Special educational needs; Computer games

A game allowing children to create their own pictures to use in Jigsaw or Sliding block puzzles. An excellent introduction to graphics. Concept keyboard compatible.

6-12

Drawmouse 1

Couch, John

London: Chetlodge Ltd.

1989

RM Nimbus PC 186; Stand Alone: £66.50, Network: £171.50

disk; booklet

Art; Craft, design, technology; Primary education; Secondary education; Further education; Computer graphics; Computer assisted design; Utilities

This is a computer assisted drawing, painting and design software program particularly suited to textile design and production. There are optional programs (Drawpad, PolaPics, Drawmouse/Drawpad driver). The software includes the Drawmouse program, Showpics program (a software 'slide projector'), and CompressPics program, (a data compression utility). Additional programs (PolaPics, Drawpad; £15.00 each), Drawmouse/Drawpad driver for a variety of printers is available free. A free demonstration disc is available from the publishers.

7-15+

Drawmouse 2

Couch, John

London: Chetlodge Ltd.

1990

Any IBM PC/XT/AT or PS2 with VGA; IBM Network compatible: Stand Alone: £97.50; Network/site licence: £197.50

3 Disks plus manual

Art; Craft, design, technology; Secondary education; Further education; Computer graphics; Computer assisted design; Industry; Utilities

This is a computer assisted drawing, painting and design software program particularly suited to textile design and production. It can do a variety of professional style repeats and drops together with colour separations to enable designs to be printed. The program accepts inputs from a mouse, tablet or scanner and outputs to most popular printers. A free demonstration disc is available from the publishers.

11+

Dreams

Haslingden: Principal Distribution Ltd.

198-

Apple Macintosh; £320.00

Disk

Computer assisted design; Design; Craft, design, technology; Engineering; Computer graphics

A mid-range multi-purpose CAD program, with intuitive interface. Suitable for creating preliminary designs, working drawings, details, flow charts, illustrations, maps, other graphic elements. Includes range of drawing tools; colour support; layers; libraries; Bezier and spline curves, etc. 3 architectural symbol libraries are available separately.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Dreamtime

Hosler, Simon; Hosler, Sue; Hosler, Charles (et al.)

Sherston: Sherston Software

1989

BBC B; BBC B+; BBC Master 128; BBC Master Compact; Acorn Archimedes; (single pack) £22.50 BBC B; BBC B+; BBC Master 128; BBC Master Compact; Acorn Archimedes; (small lab pack) £45.00 BBC B; BBC B+; BBC Master 128; BBC Master Compact; Acorn Archimedes; (large lab pack) £67.50

1 disk; 5 concept keyboard overlays; 4 work cards; 1 teacher's book; 1 children's book

Language; English; Infant school education; Primary education; Special educational needs; Adventure simulation; Puzzles; Problem solving; Computer graphics

Two adventure stories including animated screens. Stories involve solving simple puzzles and doing simple tasks. Develops problem solving and story-telling skills of young children.

Both programs are fully compatible with the concept keyboard and switching devices. 3.5" DFS and 5.25" ADFS disks also available

5-7

Dress : boy and girl

Elliker, G.; Birbeck, J.

Oldham: NCET/MESU, North West SEMERC

198-

Blue file

BBC B; £3.00

40t; 1 disk; 1 information sheet; 5 A4 concept keyboard overlays; 5 A3 concept keyboard overlays

Special educational needs; Primary education; Life skills

See also Blue file 37. Freely copiable for educational use in the UK.

Drill tape creator

Maidstone: Microspot

198-

Douglas CAD/CAM professional system

Apple Macintosh; details from publishers

IDisk

Computer assisted design; Design; Craft, design, technology; Engineering; Electronics

Provides drill information in Excellon format for controlling circuit board drilling machines.

Operates on a Macintosh Plus; but a 2MB Macintosh II is recommended.

Driver

Argles, David

Sholing, Southampton: Blake Electro-Production Ltd.; Haven

198-

BBC; £50.00

Disk; interface kit; input/output devices; documentation

Control technology

An interface kit with 8 inputs, 8 outputs (all fully protected); variety of input and out devices; demonstration computer program and kit notes. Bulk purchase discounts available - details from publishers.

Driving

See: Videomaths 1

Droom

Allen, Derek; Birnbaum, Ian; Coultas, Ian; et al.

Doncaster: RESOURCE

198-?

BBC B; BBC Master 128; BBC Master Compact; Acorn Archimedes; £23.50 Econet; £43.95

2 disks; teacher documentation; pupil storybook Econet pack includes 5 sets student documentation

Adventure simulation; Mathematics; Language; Puzzles; Problem solving; Primary education; Secondary education

An adventure game in which the user rescues a kidnapped princess from a dragon, solving a series of mathematical problems and puzzles e.g. coordinates, digital roots, pelmanism, Tower of Hanoi, pattern sequencing, binary numbers, sliding block puzzles etc. LEA/Regional licences and bulk purchase discount available.

BBC B/Master 5.25" 40t DFS; Master 128 5.25" ADFS; Master Compact 3.5" ADFS; Econet 5.25" 40t. 80t DFS available - £1.50

7-13

Droom and Dust lands

Allen, Derek; Rybak, Rob; Gromett, Brian

Doncaster: RESOURCE

1988

Fairy lands

BBC B; BBC Master 128; £18.50 Master Compact; £18.50

2 disks; documentation; key strip; photocopying masters

English; Language; Creative writing; Primary education; Secondary education; Computer graphics

Allows text and graphics to be created and interlinked to create an adventure land, using characters featured in "Droom" and "Dust". LEA/Regional licences and bulk purchase discount available

BBC B/Master 5.25" 40t DFS; Master 128 5.25" ADFS; Master Compact 3.5" ADFS. 80t DFS available - £1.50 surcharge per disk. Includes floppy disk, one side for use in conjunction with Epson compatible black and white dot matrix printers, and the other for use with Integrex Colourjet printers

7-13

Droom and Dust tales

Allen, Derek; Rybak, Rob; Gromett, Brian

Doncaster: RESOURCE

1988

BBC B; BBC Master 128; BBC Master Compact; £18.50

2 disks; documentation booklet; keystrips; worksheets

Mathematics; Language; Creative writing; Primary education; Secondary education; Simulation; Puzzles; Problem solving

Enables children who have used 'Droom' and 'Dust' to create their own stories and adventures for characters with whom they are familiar. LEA/Regional licences and bulk purchase discount available.

BBC B/Master 5.25" 40t DFS; Master 128 5.25" ADFS; Master Compact 3.5" ADFS; 80t DFS available - £1.50 surcharge per disk.

7-13

Drosophila identification multi access key

British Ecological Society

Bangor: Akadimias

198-

Tutor series : Sciences & Social Sciences

BBC B; Econet levels 2 & 3; £25.00 (includes site licence for up to 10 terminals)

Disk; study booklet; reading list

Sciences; Ecology; Secondary education; Sixth form education; Further education; A level examinations

A program to test student knowledge with questions in a multiple choice format, in either a random or sequential order, and with various user selectable time-bases against which the test may be taken. In this program one may also list the taxa (species) covered, the characters available and range of states for each, describe individual taxa, compare the two descriptions of two taxa, identify by probability or exclusion, estimate the best character for the next stage, or re-trace one's steps for an alternative route. All possible commands are displayed continuously on the screen for selection by cursor keys or light pen while a message window indicates the next action expected from the user. Facilities for revision; sequential, random test modes; with four time based skill levels in each test mode. Discounts available: details from publisher

BBC 40 or 80t disk (please specify). Acorn DFS & ADFS.

16+

Drover

Glasgow: Scetlander

BBC B; BBC B+; BBC Master 128; £7.50

Disk; background booklet; teachers notes

History; Business education; Environmental education; Puzzles; Problem solving; Primary education; Secondary education; Computer graphics

1855720876

Pupils assume the role of a drover taking cattle from his farm on an island to a sale in a market town to make money. Encourages problem solving and good decision-making; focuses on historical and environmental issues

BBC 5.25" disk

8-12

Dsplay

See: Editor / Dsplay / Relate

Ducks

See Adding and subtracting/pathfinder

Dumpmaster

St. Albans: Beebugsoft Ltd

198-

BBC B; BBC Master 128; £15.00 (£11.25 members' discount price)

Disk

Utilities; Primary education; Secondary education; Sixth form education; Further education

Produces fast, machine code, tailor-made screen dumps of up to 8 shades and will copy screen in any of the graphics and in teletext mode. Compatible with many printers, including Epson; Shinwa; Datac; Seikosha; NEC; Facit; Anadex; Integrex; Star.

Dumpmaster 2

St. Albans: Beebugsoft Ltd

198-

BBC B; BBC Master 128; £31.00 (£23.25 members' discount price)

ROM

Utilities; Primary education; Secondary education; Sixth form education; Further education

Produces fast, machine code, tailor-made screen dumps of up to 8 shades and will copy screen in any of the graphics and in teletext mode. Compatible with many printers, including Epson; Shinwa; Datac; Seikosha; NEC; Facit; Anadex; Integrex; Star.

5-16+

Dust

Doncaster: RESOURCE

198-

BBC B; BBC Master 128; BBC Master Compact; £30.50

5 disks; pupil documentation; teacher notes

Mathematics; Puzzles; Problem solving; Cross curriculum; Computer graphics; Adventure simulation; Primary education; Secondary education

A sequel to Droom, following the same principles of logical and mathematical problem solving. LEA/Regional licences and bulk purchase discount available

BBC B/Master 5.25" 40t DFS; Master 128 5.25" ADFS; Compact 3.5" ADFS. 80t DFS available - £1.50 surcharge per disk

9-13

DVLC

McPhee, D.

Doncaster: RESOURCE

1983

BBC B; BBC Master 128; RM Nimbus; £18.95 Econet; £27.50 E-Net; £29.95

Disk; student documentation; teacher documentation Econet/E-Net versions include 5 sets of student documentation

Computer studies; Data processing; General Certificate of Secondary Education; Secondary education; Simulation

0903885271

A simulation of the major functions of the Driver and Vehicle Licensing Centre System at Swansea in West Glamorgan. LEA/Regional licences and bulk purchase discount available.

BBC 5.25" 40t DFS disk; 80t DFS available -

surcharge of £1.50 per disk; Econet 5.25" 40t; E-Net; 5.25" 40t.

11+

DVLC curriculum materials

McPhee, D.

Doncaster: RESOURCE

1983

BBC B; BBC Master 128; £16.50

Disk; 4 booklets; workcards

Computer studies; Data processing; General Certificate of Secondary Education; Secondary education; Simulation

Support materials to aid use of the DVLC Case Study for GCSE Computer studies: the history of the system, a manual system to aid understanding of the computer system, a role playing exercise, consideration of the implications of the system and its extensions. LEA/Regional licences and bulk purchase discount available.

BBC 5.25" 40t DFS disk; 80t DFS available - surcharge of £1.50 per disk.

11+

DXF interpreter

See: Dimensions

Dynamic modelling system : physics models

Ogborn, Jon; Nuffield-Chelsea Curriculum Trust

Harlow: Longman Logotron

198-

BBC B; BBC B+; BBC Master 128; £44.00 RM Nimbus network; £55.00

2 disks, s/d; 1 booklet 'Models'; 1 booklet 'BBC microcomputer handbook'

Physics; Sciences; Secondary education; Sixth form education; A Level examinations; Content free programs; Information handling; Databases 0582263360

For use in the Revised Nuffield Advanced Level Physics Course or any Advanced Level Physics course; allows user to investigate models; provides graphical or tabular output describing the relationship between any two variables in a model

BBC 40t, 5.25" DFS Nimbus network 3.5" disk 16-19

Dynamic modelling system : chemistry models

Harlow: Longman Logotron

198-

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; £44.00. RM Nimbus network; £55.00

Disk

Chemistry; Sciences; Secondary education; Sixth form education; A level examinations; Content free programs; Information handling; Databases

Allows user to investigate models; provides graphical or tabular output describing the relationship between any two variables in a model

BBC 40t, 5.25" DFS; Nimbus/Network 3.5" disk 16-19

Dynamic modelling system : biology models

Harlow: Longman Logotron

198-

Computers in the Curriculum Centre

BBC B; BBC B+; BBC Master 128; £44.00. 1 Nimbus network; £55.00

Disk

Biology; Sciences; Secondary education; Sixth form education; A Level examinations; Content free programs; Information handling; Data processing

Allows user to investigate models; provides graphical or tabular output describing the relationship between any two variables in a model

BBC 40t, 5.25" DFS; Nimbus network, 3.5" disk 16-19

Dynamic modelling system : mathematics models

Harlow: Longman Logotron

198-

Computers in the Curriculum

BBC B; BBC B+; BBC Master 128; £44.00 R Nimbus network; £55.00

Disk

Mathematics; Secondary education; Sixth form education; A Level examinations; Content free programs; Data processing; Databases

Allows user to investigate models; provides graphical or tabular output describing the relationship between any two variables in a model

BBC 40t 5.25" DFS Nimbus network 3.5" disk 16-19

Dynamic modelling system : economics models

Harlow: Longman Logotron

198-

Computers in the Curriculum

BBC B; BBC B+; BBC Master 128; £44.00 R Nimbus network; £55.00

Disk

Economics; Secondary education; Sixth form education; A Level examinations; Content free programs; Data processing; Databases

Allows user to investigate models; provides graphical or tabular output describing the relationship between any two variables in a model

BBC 40t, 5.25" DFS; Nimbus network; 3.5" disk 16-19

Dynamic modelling system : geography models

Harlow: Longman Logotron

198-

Computers in the Curriculum

BBC B; BBC B+; BBC Master 128; £44.00 R Nimbus network; £55.00

Disk

Geography; Secondary education; Sixth form education; A Level examinations; Content free programs; Information handling; Databases

Allows user to investigate models; provides graphical or tabular output describing the

relationship between any two variables in a model

BBC 40t, 5.25" DFS; Nimbus network; 3.5" disk 16-19

Dynamics investigator

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £24.50

Disk; worksheets

Physics; Secondary education; Sixth form education; Further education; Simulation; Computer graphics; General Certificate of Secondary Education; A Level Examinations

Students control a simulated trolley running on a frictionless runway, so understanding the relationship between force and motion: displacement/velocity graphs are drawn at the same time; an extra trolley can be added so that collisions can be studied; trolley masses and force applied can be varied. Includes puzzle mode.

Only specify 80t if you cannot use 40t disks.

14-18

DynaPerspective

Maidstone: Microspot

198-

Apple Macintosh; £995.00

Disk

Computer assisted design; Design; Craft, design, technology; Engineering

An optimised modelling environment, displaying 3 orthographic views and a live perspective view of the user's design, giving constant visual feedback. Provides 14 drawing primitives, including polygons, prisms, cylinders. Automatically draws walls, posts, stairs, and roofs with user-defined parameters. Other features include wire-frame and solid modelling in 3-point perspective; light source shading; surface transparency; instantaneous perspective and colour control.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

D-Circ

Lewis, Tim

Sheffield: Pavic Publications

198-

BBC B; £10.95

Disk or cassette

Physics; Craft, design, technology; Electronics

An electronic circuit drawing program, designed for use in design and technology, modular technology or physics courses. Will print to Epson compatible printer

BBC 40t or 80t disk; BBC cassette

D-Circ +

Lewis, Tim

Sheffield: Pavic Publications

198-

BBC B; £12.95

Disk or cassette

Physics; Craft, design, technology; Electronics

A program for drawing advanced electronic circuits with integrated/discrete components. Designed for use in design and technology,

modular technology or physics courses. Prints to Epson compatible computer

BBC 40t or 80t disk; BBC cassette

Early baroque : 1650-1700

Chepstow: AVP Computing

198-

History of music tutor

BBC Master 128; BBC Master Compact; RM Nimbus; Amiga; £24.50 Econet; £58.50

Disk

Music; History; Secondary education; Sixth form education; Further education

Provides a quick understanding of or reference to the repertoire and main characteristics of musical style of the period - instrumental music, new trends in opera, baroque tonality and forms, the dance suite and its characteristics. Includes introduction detailing social, political and other aspects influencing the period and a chronological list of composers and their works.

Only specify 80t if you cannot use 40t disks

11+

Early English extra

Hitchin: James Nisbet & Co Ltd

198-

BBC B; £13.50

1 disk; full documentation

English; Language; Grammar; Primary education

0720214734

8 programs supplementing the language development and consolidation work covered in Early English 1 pressurefax spirit masters. The first four programs concentrate on simple word choice; the remainder cover punctuation and grammar.

6-10

Early fingers

MEP; Spastics' Society; Widgit Software

Oldham: NCET/MESU, North West SEMERC

198-

Blue file

BBC B; £3.50

40t; 6 disks; 1 documentation booklet

Special educational needs; Primary education; Mathematics

Contents: Early numbers; Sequencing; Matching; Tracking; Targeting 1; Targeting 2. Programs produced by the Spastics' Society which are suitable for use with a touch screen (Microvitec or Cheyne scribbler). They give exercises in coordination (finger tracking), matching, target touching (with attractive pictures), sequencing and early counting. Most of the programs have a wide range of options, thus enabling the teacher to adjust the strategy to suit the individual child. Freely copiable for educational use in the UK.

Early language suite

Backwell, Bristol: Arrowsoft Educational Software

198-

BBC B; BBC Master; £24.00

5 disks; Concept keyboard overlays

Language; Spelling; Mathematics; Infant school

Educational Software DYN - EAR

education; Primary education; Special educational needs

A suite of programs covering language, spelling, tables practice, special sounds and the formation of letters of the alphabet. Designed for use with hearing impaired children, but also useful in language development work with slow learning children.

Requires Concept keyboard; please state whether A4 or A3 overlays required.

5+

Early learner software box

Wisbech, Cambridgeshire: esm

198-

BBC B; BBC B+; BBC Master 128; £82.50

5 disks; pop-it keyboard

Mathematics; Language; Puzzles; Problem solving; Preschool education; Infant school education; Primary education

Ideal for infants and reluctant learners.

Contents: Colourcopter; Numbercopter; Colour and Shape Snap; Jigsaw and sliding block; Pick-a-word; FREE Pop-it. Programs available separately.

BBC 5.25" disk; Pop-it keyboard

3-9

Early maths suite : Ship, Race and Count

SPA (Software Production Associates)

Leamington Spa: SPA (Software Production Associates)

1986

BBC B; BBC B+; BBC Master; RML 480Z; £13.00 RML 480Z Network; £31.00 RM Nimbus; £15.00 RM Nimbus Network; £34.00

1 disk; 1 booklet

Mathematics; Pre-school education; Infant school education; Primary education; Computer games

Contents: Count; Ship; Race. Count is designed to help with learning to count and recognise numbers. Ship gives practice in learning simple number bonds. Race involves one or two digit additions or subtractions.

Concept keyboard version available (not Nimbus).

4-11

Early number

Street: Selective Software

198-

BBC B; BBC B+; BBC Master 128; £10.00 BBC Master Compact; £12.00

Disk

Mathematics; Infant education; Primary education; Computer graphics

2 programs: Count (a first counting program, up to 9; animated display; on-screen scoring; self-correction aid); Adsub (a first arithmetic program: addition up to 9; up to 9 + 9; subtraction from up to 9; animated display; help routine).

BBC B 5.25" 40 or 80t disk; BBC Master Compact 3.5" disk.

4-8

Early reading

Wisbech, Cambridgeshire: esm

BBC B; BBC B+; BBC Master 128; £19.95

Disk

Infant school education; Primary education; English; Reading skills

Includes two visual sequential memory programs for shape and letter exercises and two matching and memory programs for building words from letters and sentences from words. Contained in Pre-reading and early reading pack.

BBC 5.25" disk. Can be used with Concept keyboard

4-7

Early romantic : 1800-1840

Chepstow: AVP Computing

198-

History of music tutor

BBC Master 128; BBC Master Compact; RM Nimbus; Amiga; £24.50 Econet; £58.50

Disk

Music; History; Secondary education; Sixth form education; Further education

Provides a quick understanding of or reference to the repertoire and main characteristics of musical style of the period - opera, oratorio, solo song, piano music. Includes introduction detailing social, political and other aspects influencing the period and a chronological list of composers and their works.

Only specify 80t if you cannot use 40t disks

11+

Earning, spending, banking and budgeting

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £19.50 BBC Master Compact; £21.70 Acorn Archimedes; RM Nimbus; IBM PC and compatibles; Amiga; £24.50 RM Nimbus network; (up to 16 machines) £45.00; (up to 48 machines) £65.00

Disk

Business education; Life skills; Secondary education; Further education; Mathematics; Vocational education

Designed to assist with numeracy and literacy at a life skills level. Most of the sums change with each run, so programs can be used repeatedly by same student. Running score allows option to repeat certain sections

Only specify 80t if you cannot use 40t disks

14+

Ears that see

See: Whale games

East-West relations : Comecon

Glasgow: CDG (Scotland) Ltd.

198-

East-West series

BBC B; BBC B+; BBC Master 128; £15.50 Acorn Archimedes; IBM PC; RM Nimbus; £21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

Sciences; Sociology; Databases; Secondary education; Sixth form education

1853950777

Provides a national profile of the Communist Economic Bloc on population numbers,

densities, distribution, male/female composition, urban, rural growth, birth/death/product growth rates, consumption, industry, agriculture, worker categories, foreign trade, currencies. Structured modular work units accommodate all ability levels; integrate computer procedures and assist in the acquisition of knowledge and understanding developing enquiry, evaluation and analysis skills, etc. Optional Epson compatible screen dump (BBC/Nimbus only) available - £7.50 (BBC) £13.50 (Nimbus). Discounts available for purchase of any two or more datapacks - details from publishers.

Please state format required: BBC 40 or 80t disk; IBM PC (EGA/ECD only).

14-18

Easy sums

See: Number work programs

Easy type

Hayball, Margaret

Sherston: Sherston Software

1985

BBC B; BBC B+; BBC Master 128; BBC Master Compact; (single pack) £15.00 BBC B; BBC B+; BBC Master 128; BBC Master Compact; (small lab pack) £30.00 BBC B; BBC B+; BBC Master 128; BBC Master Compact; (large lab pack) £45.00

Single pack: 1 disk; Teacher's book; 2 keystrips. Small lab pack: 1 copy of full pack plus 5 extra copies of disk. Large lab pack: 2 copies of full pack plus 10 extra copies of disk.

English; Language; Reading skills; Creative writing; Infant school education; Primary education; Special educational needs; Word processing

Allows teacher to build and extend word list for each pupil's look/say vocabulary. Pupils can select any of their words from the displayed list to build sentences/short stories on the bottom half of the screen

BBC 40t 5.25" DFS; BBC 80t 5.25" DFS; BBC Compact 3.5" ADFS disk. 3.5" DFS and 5.25" ADFS disks also available

5-9

Easymill

Hughes, Glyn; Kulmala, Kalle-Juhani

Softmill order via Wida Software Ltd

IBM; £40.00 (English only version); £45.00 (look-up dictionary version); Network/Site licence; £80.00 or £90.00

Language; English; English (second language) 9518943826

Easymill revises and practises grammar and vocabulary by stimulating the imagination and by making the learner apply already acquired skills. The on-screen instructions are in English; the bilingual versions include a look-up dictionary in French, German or Spanish

Easysum

See: Project programs : second stage

Easy-Gerber

See: Easy-PC and Easy-plot and Easy-Gerber

Easy-PC and Easy-plot and Easy-Gerber

Cambridgeshire: Number One Systems, Pineapple Software

198-

IBM PC; XT; AT; £98.00

Disk

Computer assisted design; Electronics; Secondary education

A printed circuit board CAD package, which can also be used for creating circuit diagrams and schematics; exceptionally high speed operation; permanent WYSIWYG screen display; Multi-layer boards; Auto-via facility; repeat, move facilities; rubber banding; auto back-up generation and auto-save; Easy-plot outputs in HPGL format to a pen-plotter or a disk for plotting later Easy-Gerber translates f to Gerber format for downloading to floppy d for plotting later. Demonstration version available free of charge from publishers

Outputs to 9 or 24 pin IBM Graphics compatible dot matrix printers

Easy-plot

See: Easy-PC and Easy-plot and Easy-Gerber

Easy-sign

London: Wight Scientific

198-

IBM PC and compatibles; £19.95

Disk

Art; Design; Craft, design, technology; Secondary education; Further education

A compact version of signwriter. Includes 4 to run fonts, allowing user to make own postcards and banners up to 15 lines long, using up to 2 characters.

Drives Epson compatible 9 or 24 pin dot matrix or Hewlett Packard Laser jet Plus printers with adequate memory.

Eating for health

Glasgow: Collins Educational

198-

Microspecial

BBC B; BBC B+; £20.00

Disk; documentation; teacher notes

Home economics; Cross curriculum; Life skills; Puzzles; Problem solving; Special educational needs; Secondary education

A friendly, flexible program using a problem solving, structured approach, allowing teacher to design an individualised program, controlling difficulty level and altering data to suit requirements of pupils. Includes monitoring and assessment facility. Suitable for either individual or group use. Contained in Microspecial pack. Documentation available separately. Bulk purchases and site licences available - details from publishers.

11-15

EBDA

See: Kinetic, EBDA, Ligand, LOWRY

EC : agriculture

Glasgow: CDG (Scotland) Ltd.

198-

BBC B; BBC B+; BBC Master 128; £15.50
Acorn Archimedes; IBM PC; RM Nimbus;
£21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

Geography; Databases; Secondary education

1870307166

A set of comparative, national data covering farmland; land use; production; and livestock. Structured modular work units accommodate all ability levels; integrate computer procedures and assist in the acquisition of knowledge and understanding, developing enquiry, evaluation and analysis skills, etc. Optional Epson compatible screen dump (BBC/Nimbus only) available - £7.50 (BBC); £13.50 (Nimbus). Discounts available for purchase of any two or more datapacks - details from publishers.

Please state format required: BBC 40 or 80t disk; IBM PC (EGA/ECD only).

12-16

EC : energy and employment

Glasgow: CDG (Scotland) Ltd.

198-

BBC B; BBC B+; BBC Master 128; £15.50
Acorn Archimedes; IBM PC; RM Nimbus;
£21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

Geography; Databases; Secondary education; Sixth form education; Sociology

1870307208

Comparative national data covering coal; electricity; gas; oil; employment. Structured modular work units accommodate all ability levels; integrate computer procedures and assist in the acquisition of knowledge and understanding, developing enquiry, evaluation and analysis skills, etc. Optional Epson compatible screen dump (BBC/Nimbus only) available - £7.50 (BBC); £13.50 (Nimbus). Discounts available for purchase of any two or more datapacks - details from publishers.

Please state format required: BBC 40 or 80t disk; IBM PC (EGA/ECD only).

14-18

EC : population

Glasgow: CDG (Scotland) Ltd.

198-

BBC B; BBC B+; BBC Master 128; £15.50
Acorn Archimedes; IBM PC; RM Nimbus;
£21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

Geography; Sociology; Databases; Secondary education

1870307364

Comparative, national data on the EC countries, comprising population; vital statistics.

Structured modular work units accommodate all ability levels; integrate computer procedures and assist in the acquisition of knowledge and understanding, developing enquiry, evaluation and analysis skills, etc. Optional Epson compatible screen dump (BBC/Nimbus only) available - £7.50 (BBC); £13.50 (Nimbus). Discounts available for purchase of any two or more datapacks - details from publishers.

Please state format required: BBC 40 or 80t disk; IBM PC (EGA/ECD only).

12-16

EC : standards of living

Glasgow: CDG (Scotland) Ltd.

198-

BBC B; BBC B+; BBC Master 128; £15.50
Acorn Archimedes; IBM PC; RM Nimbus;
£21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

Geography; Sociology; Databases; Secondary education

1870307356

A comparative analysis of the European Community nations, providing data on housing; health; leisure; transport; education; consumables. Structured modular work units accommodate all ability levels; integrate computer procedures and assist in the acquisition of knowledge and understanding, developing enquiry, evaluation and analysis skills, etc. Optional Epson compatible screen dump (BBC/Nimbus only) available - £7.50 (BBC); £13.50 (Nimbus). Discounts available for purchase of any two or more datapacks - details from publishers.

Please state format required: BBC 40 or 80t disk; IBM PC (EGA/ECD only).

12-16

EC : transport

Glasgow: CDG (Scotland) Ltd.

198-

BBC B; BBC B+; BBC Master 128; £15.50
Acorn Archimedes; IBM PC; RM Nimbus;
£21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

Geography; Databases; Secondary education; Sixth form education

1870307194

Comparative, national data on air; water; road; vehicles; and rail. Structured modular work units accommodate all ability levels; integrate computer procedures and assist in the acquisition of knowledge and understanding, developing enquiry evaluation and analysis skills, etc. Optional Epson compatible screen dump (BBC/Nimbus only) available - £7.50 (BBC); £13.50 (Nimbus). Discounts available for purchase of any two or more datapacks - details from publishers.

Please state format required: BBC 40 or 80t disk; IBM PC (EGA/ECD only).

14-18

Ecce Romani : book 1 software

Fenton, Jeremy; Scottish Classics Group

Harlow: Longman Micro Software

1985

Ecce Romani software

BBC B; BBC B+; BBC Master 128; £19.50
Econet levels 2 & 3; SJ file server; AMCOM E-net; £30.00

1 disk; 1 documentation booklet

Classics education; Latin; Computer games; Computer graphics; Secondary education

For use with "Ecce Romani, Book 1", or other appropriate books. Gives practice in Latin grammar, vocabulary and translation.

BBC 40t, 5.25" DFS; BBC 80t, 5.25"

11-14

Ecce Romani : book 2 software

Fenton, Jeremy; Scottish Classics Group

Harlow: Longman Micro Software

198-

Ecce Romani software

BBC B; BBC B+; BBC Master 128; £19.50
Econet levels 2 & 3; SJ file server; AMCOM E-net; £30.00

1 disk; 1 documentation booklet

Classics education; Latin; Computer games; Computer graphics; Secondary education

0582267773

For use with Gives practice in Latin grammar, vocabulary and translation.

BBC 40t, 5.25" DFS; BBC 80t, 5.25"

11-14

Ecce Romani : book 3 software

Fenton, Jeremy; Scottish Classics Group

Harlow: Longman Micro Software

1985

Ecce Romani software

BBC B; BBC B+; BBC Master 128; £19.50
Econet levels 2 & 3; SJ file server; AMCOM E-net; £30.00

1 disk; 1 documentation booklet

Classics education; Latin; Computer games; Computer graphics; Secondary education

For use with "Ecce Romani, Book 3" or other appropriate books. Gives practice in Latin grammar, vocabulary and translation in a game format

BBC 40t, 5.25" DFS; BBC 80t, 5.25";

11-14

Ecology data processing 1 : graphs and charts

Dolgellau: Science Education Software

198-

BBC B; BBC Master 128; Econet; £29.95 + VAT
RM Nimbus; Acorn Archimedes; £30.95 + VAT
RM Nimbus Network; £45.95 + VAT

Disk

Biology; Ecology; Sciences; Secondary education; Sixth form education; Data processing; Computer graphics

Allows plant and animal ecology data to be displayed in a variety of forms. Contents: Kite diagrams; Constellation diagrams; Time or distance series; Category displays; Bivariate data graphs; Spatial displays.

BBC 40t, 5.25" disk; BBC 80t, 5.25" disk; RM Nimbus, Acorn Archimedes, 3.5" disk

14-18

Ecology data processing 2 : statistical methods

Dolgellau: Science Education Software

198-

BBC B; BBC Master 128; Econet; £29.95 + VAT
RM Nimbus; Acorn Archimedes; £30.95 + VAT
RM Nimbus Network; £45.95 + VAT

Disk

Biology; Ecology; Sciences; Statistics; Secondary education; Sixth form education; Data processing; Computer graphics

Allows plant and animal data to be analysed by various statistical methods. Contents: Normal distribution; Curve fitting and regression; Chi-squared test; Wilcoxon test; Z-test, T-test and U-test.

BBC 40t, 5.25" disk; BBC 80t, 5.25" disk; RM Nimbus, Acorn Archimedes, 3.5" disk

14-18

Ecology pack

Harlow: Longman/Logotron

198-

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; Acorn Archimedes; £44.00 BBC Econet; SJ file server; AMCOM E-Net; RM Nimbus/Network; £66.00

Disk

Ecology; Secondary education; Sixth form education; Further education; Information handling

Contents: Biomass (the production of biomass by a secondary producer maximising returns for given resources); Pond ecology (balance of ecosystem: effects of fishing/pollution on phytoplankton, herbivores and fish); Predator-prey relationships (nature of ecosystem: interactions between predators/prey); Statistics for biologists (utility programs for biological data handling).

BBC 40t, 5.25" DFS disk; BBC 80t, 5.25" disk; Archimedes compatible 3.5" disk; Nimbus/Network 3.5" disk.

13-19

Econet mail

Marven, R.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1988

Econet; £15.00

Disk

Communication; Utilities

Mail items are sent and received using the same commands as for the British Telecom Gold and TTNS systems. The system manager must maintain a mail directory which controls who uses the system and how users refer to each other.

Some features will not currently work on Acorn file servers.

Econet printer server and spooler

Studley: LTS (Learning and Training Systems) 198-

Econet level 2,3; Filestore; SJ Research; FDFS & MDFS; £24.95

Disk

Utilities

Provides any number of printer servers plus printer spooling on Econet Level 2,3, and Filestore. Memory based program - no ROMS. Ideal for word processing sessions.

Network software on 80t DFS with transfer instructions.

Econet Quest

Hatfield: Advisory Unit

1985 (documentation) 1986 (software)

BBC B; Econet; £30.00

1 disk; 2 documentation booklets; 2 key strips

Databases; Primary education; Information handling; Secondary education

0946039356

A complete Quest package for Econet level 2 or 3 users; includes sequential editor; many utilities; network version of Questd which will allow simultaneous access to the same large file from many stations. Also contains software to run on standalone BBC micro with a 6502 second processor. Bulk order discount available.

BBC stand alone requires 6502 second processor. 7+

Econet utilities

Oundle; Felsted

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1983

Econet; £10.00

Disk

Utilities

Contents include BUILD, TYPE and DUMP for level 2; PUTGET2, EXEC and SPOOL on level 2. For both level 1 and level 2 CLONE, FETCH, NMASTER freezes selected stations or simulates break; SNOOP allows continuous viewing of a specified station; SYNC enables synchronised music on net; CONVERSE allows conferencing of several stations.

Econet utilities 2

Studley: LTS (Learning and Training Systems)

198-

Acorn Level 2,3; Filestore; SJ Research; FDFS & MDFS; £34.95

Disk

Utilities

A suite of programs to assist network management - Start (a menu designer); Netnurse (menu driven control program with remote memory examination and editing facility); Code, Prog & Libfile (to prepare or optimise programs for use on the network).

Network software on 80t DFS with transfer instructions. Compatible with all Econet systems. Supersedes and replaces Econet Utilities I.

Ecosoft

Strack, Geoff; Lake, Alex; Freeman, Diana

Hatfield: Advisory Unit

BBC B; BBC B+; BBC Master 128; BBC Master Compact; Econet; RM Nimbus; £25.00

2 disks; 1 booklet; 1 summary guide card

Environmental studies; Biology; Ecology; Primary education; Secondary education; Information handling; Computer graphics

0946039763

Powerful resource for environmental science. A suite of programs to help students process and display graphical information collected from Biology, geography, environmental studies or ecology fieldwork.

7+

Edfast

Sebaltd, R.

Cambridge: Biosoft

198-

IBM PC/PS2 and compatibles; £ 125.00

Disk; manual

Sciences; Biochemistry; Adult education; Simulation; Computer graphics

A kinetics tool, for predicting concentrations in given body compartments; curve-fitting concentration vs time data, optimising individual complex dosage regimens. Facilities include calculation/plotting/listing of response of a model with given parameter values to any dosing regimen; comparison by graphic superposition

of such simulations with each other; comparison of simulations to specific data points by graphic superposition; calculation of model parameter values best allowing model to explain/fit specific experimental data points; calculation of regimen's dose sizes best allowing model to pass through specific target data points

3.5" or 5.25" disk; requires 256K RAM minimum; DOS 2.0 or later

18+

EDG graphics package

Chepstow: AVP Computing

BBC B; £19.50

Desktop publishing; Computer graphics; Technology; Art; Craft, design and technology Primary education; Secondary education

A sophisticated picture drawing system which allows the user to build up simple drawings or complex designs. The system uses disks for picture storage, and is controlled by normal keyboard input.

5+

Edinburgh 3D physical landscape

Glasgow: CDG (Scotland) Ltd.

198-

3D physical landscapes

BBC B; BBC B+; BBC Master 128; £15.50 Acorn Archimedes; IBM PC; RM Nimbus; £21.50 IBM PC; RM Nimbus network; £32.2

Disk; documentation

Geography; Databases; Secondary education

Designed to take advantage of the potential of the Three Dimensional suite. Deals with aspects of land use, relief, roads, rocks, soils and slope. Structured modular work units accommodate ability levels; integrate computer procedures to assist in the acquisition of knowledge and understanding, developing enquiry, evaluation and analysis skills, etc. Optional Epson compatible screen dump (BBC/Nimbus only) available - £7.50 (BBC); £13.50 (Nimbus). Discounts available for purchase of any two or more datapacks - details from publishers.

Please state format required: BBC 40 or 80t or IBM PC (EGA/ECD only).

12-16

Editor and Display and Relate

Oxfordshire County Council, Computer Education Unit

Wheatley: Oxfordshire County Council, Computer Education Unit

1987

RM Nimbus; RM Nimbus network; £28.00 RML 380Z/480Z/Network; £28.00

1 disk; 1 documentation booklet

Information handling; Databases; Primary education; Secondary education; Creative writing

A suite of three programs: Editor; (enables data to be entered and stored on disk); Display, Relate (analyses and displays data in various ways - e.g. bar charts, pie charts, histograms, scattergrams etc.) Programs work with QUEST data files, and allow a subset of data to be chosen using Query language. Bulk discounts/LEA licences available. Extra copies of booklet available; £4.00

RM Nimbus/Network 3.5" disk; RML s/d 5.25" disk for RM 480Z L4 or L5 with disks or on network; RM 380Z with disks, 56K memory; high resolution graphics.

8-15

Edlib : an electronic library system

Bostock, Mike; Tyson, Mark; Lindsley, Kathryn
Harlow: Longman Micro Software

198-

BBC B; BBC B+; BBC Master 128; £120.00

Disks; bar code reader; sample bar code tickets; function keypad; user manual

English; Library administration; Computer studies; Information handling; Secondary education; Sixth form education; Further education

A bar code reader library management system designed for school use to manage issue/return of up to 65,000 items to 2,500 users. Provides a model for teaching information handling/communication skills. Managed either through use of bar code reader or keyboard. Previously published by Addison-Wesley.

BBC 40t, 5.25" DFS disk. Requires a dual 80t double sided disk-drive

11+

Edspell

Trott, Michael; Solanki, Navin

Studley, Warwickshire: LTS (Learning and Training Systems)

1984

BBC B; BBC Master, BBC Master Compact; £19.95 Econet Level 2/3; Filestore & SJ systems; £34.95

2 disks; 1 booklet; 1 leaflet

Cross curriculum; Spelling; Word processing; Primary education; Secondary education; Sixth form education; Further education

A word processor and spelling checker to facilitate the preparation, amending and printing of text. Contains a fast full screen editor but the spell checking facility may also be used to check text prepared with most word processors which save text in raw ASCII format. Also contains a 6,000 word dictionary.

For stand alone versions, please specify format in which material is required. Network version supplied on 80t DFS disks with instructions for network transfer.

88-18+

Education compendium

Cambridge: Acornsoft

1983

BBC B; BBC B+; £14.95

Disk; booklet

Infant school education; Primary education; Reading skills; Creative writing; Word processing; Adventure simulation; Puzzles; Problem solving; Language; English; Design; Computer studies; Computer games

Contents: Workshop (an introduction to computers, encouraging young learners to discover and experiment); ABC (a simple to use screen writer); Spooky Manor (an adventure game involving puzzles, problem solving, map drawing, discussion; organisation); Talkback (allows user to create own computer characters capable of holding simple conversations on screen, encouraging verbal reasoning and language development).

40/80t disk

3--10+

Educational disk

Unbridge Wells: Compaid Trust

1998- Amstrad CPC 464, 664, 6128; £10.00

Disk; manual

Special educational needs; Computer games; Mathematics; Music

Contents: Marching order (number order); Bach to basics (remembering sequences of notes); Guitar companion (a computerised chord book allowing any selected chord to be played)

BBC 80t 5.25" DFS disk (please specify if 40t required). Amstrad 3.0" disk. Runs with 2 switches connected to either the two fire button inputs at the back of the BBC B or the 2 fire button inputs of the Amstrad

Educational software for overcoming learning disability : 32 BBC disks

Northampton: Nordis Software

1988

BBC Master 128; Master Compact; £307.00

32 disks; user manual

Reading skills; Mathematics; Life skills; Computer graphics; Special educational needs; Computer games

Contains: Pre-reading series (4 disks); Add series (8 disks); Subtract series (2 disks); Clock series (6 disks); Money series (4 disks) Change series (2 disks); Games series (5 disks); and TV time (1 disk). Includes progress monitor

40/80t disk

Educational software for overcoming learning disability : 26 BBC disks

Northampton: Nordis Software

1988

BBC B; BBC B+; BBC Master; Master Compact; £248.00

26 disks; user manual

Reading skills; Mathematics; Life skills; Computer graphics; Special educational needs; Computer games

Contains: Pre-reading series (4 disks); Add series (8 disks); Subtract series (2 disks); Clock series (6 disks); Money series (4 disks) and Change series (2 disks). Includes progress monitor.

40/80t disk

Educational 1

Bracknell: Golem Software Ltd

198-

BBC; Electron; £8.95

Disk; documentation

Mathematics; Spelling; Life skills; Computer graphics; Primary education; Infant school education; Computer games

Animated graphics encourage children in counting; maths; spelling and telling the time. Contents: Math 1 (addition/subtraction - 3 difficulty levels); Math 2 (multiplication/division - 3 difficulty levels); Cubecount (spatial awareness/counting strategies - 3 difficulty levels); Shapes (naming of shapes); Spell (memory game - 4 difficulty levels); Clock (telling the time - 4 difficulty levels).

Please state BBC or Electron; 40 or 80t disks.

5-9

Educational 2

Bracknell: Golem Software Ltd

198-

BBC; Electron; £8.95

Disk; documentation

Mathematics; Spelling; Reading skills; Primary education; Secondary education; Computer graphics; Computer games

Animated graphics encourage developing of counting, mathematical, spelling and reading and writing skills. Contents: Math 1 (addition/subtraction); Math 2 (multiplication/division); Area (areas of rectangles and squares); Memory (memory training - colour/shape recall); Cubecount (spatial awareness/counting strategies); Spell (memory game).

Please state BBC or Electron; 40 or 80t disks.

Edward bear

See: 'Teddy bears' picnic

Edword Cymraeg

Clwyd: Clwyd Technics Ltd

198-

1986

BBC B; BBC B+; BBC Master; A3000; Acorn Archimedes (RISC OS); £39.95

Disk

Language; Word processing; Primary education; Secondary education; Sixth form education; Further education

A Welsh version of Edword

Please specify version required

12-16+

Edword document convertor

Clwyd: Clwyd Technics Ltd

198-

BBC B; BBC B+; BBC Master; Acorn A3000; Acorn Archimedes (RISC OS only); £2.50

Disk

Word processing; Primary education; Secondary education; Sixth form education; Further education

Converts Edword1 documents for use with Edword2, and vice versa

Please specify version required

12-16+

Edword2 : applications package

Clwyd: Clwyd Technics Ltd

198-

BBC B; BBC B+; BBC Master; £20.00

Disk; guide

Word processing; Primary education; Secondary education; Sixth form education; Further education

Provides additional facilities for EDWORD 2: jumbo print; Concept keyboard compatibility; two-column newspaper format; electronic mail; mail merge; multiple copies; unjustify text; exchange case; headers/footers; page numbers; DOS commands without leaving document; command sequences saving; updated print file generator allowing user created accents; ASCII file facility; index drive; CFS.

Concept keyboard compatible. Please specify version required

12-16+

Edword2 : superpack

Clwyd: Clwyd Technics Ltd
198-

BBC B; BBC B+; BBC Master; Acorn A3000;
Acorn Archimedes (RISC OS only); £39.95

Rom and disk; user reference guide; keyboard insert; applications pack; user guide; curriculum applications manual; Concept keyboard overlays; help cards

Word processing; Primary education; Secondary education; Sixth form education; Further education

A word processing pack developed to meet the needs and match the abilities of pupils. Comprehensive range of features include ease of use; user friendly; easy to remember mnemonic commands; WYSIWYG display; error indication beep; 80 columns width; safety-net facilities; Welsh, French, German accents available; scroll page/word wrap; text justification; text manipulation; headers and footers; electronic mail; ASCII format; mailmerge; jumbo print; multiple copies; page numbers; use MOS commands without leaving document; command sequences can be saved as a file; document can be saved into an ASCII file; index can be called from specified disk drive; newspaper column printing.

Concept keyboard compatible. Please specify version required

12-16+

Edword2 : user pack

Clwyd: Clwyd Technics Ltd
198-

BBC B; BBC B+; BBC Master; £35.95

Rom and disk; user reference guide; word for word guide; keyboard strip

Word processing; Primary education; Secondary education; Sixth form education; Further education

A word processing pack developed to meet the needs and match the abilities of pupils. Comprehensive range of features include ease of use; user friendly; easy to remember mnemonic commands; WYSIWYG display; error indication beep; 80 columns width; safety-net facilities; Welsh, French, German accents available; scroll page/word wrap; text justification; text manipulation. Teacher pack available separately (guidelines, information sheets, specimen documents, etc.) - £24.95.

Please specify version required

12-16+

EFU

Storey, P.

Houghton-on-the-Hill, Leicester: MUSE
(Microcomputer Users in Education)
1985

Econet; £11.50

Disk; Documentation

Utilities

Assists Econet managers and users in housekeeping of files and directories. Eight functions are available from the menu including the use of wildcard characters in the deletion, renaming and transfer of files.

Ega beva

See: Basic package

Eight in June

See: Making connections

Eight in one professional

Cambridge: Logotron

198-

IBM PC; £43.43

Disk; manual

Business education; Life skills; Word processing; Databases; Spreadsheets; Secondary education; Sixth form education;

Eight fully integrated programs - Desktop Organiser; Outliner; Writer; Spelling corrector; Spreadsheet; Database; Graph; Communication.

Runs on Archimedes micro with the PC emulator. Also runs on RM Nimbus machines which are true IBM compatibles or which have an appropriate PC emulator.

13-18+

Einstein's quanta simulation

Ford, P.

Ashton-under-Lyne: Granada Educational Software

1989

BBC; RML 380Z; RML 480Z; £15.00

Disk; documentation; worksheets

Physics; Secondary education; Sixth form education; Further education; Computer graphics

Contained in Physics suite. Displays in dynamic histogram form the random shuffling of energy quanta over a period of time, demonstrating its characteristic equilibrium and the flow of quanta from a hot to a cold body.

Disk (40t). RML 380Z requires 80 character keyboard.

11-16+

Elasticity of demand

Harlow: Longman Micro Software

198-

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; £19.50

Disk

Economics; Secondary education; Sixth form education; Further education; Simulation

Shows how price elasticity of demand varies between different points on the same demand schedule; and how a shift of the demand curve affects the coefficient of elasticity. Includes simulation with students importing motorbikes, competing to maximise revenue in 3 European countries.

BBC 40t, 5.25" DFS disk

16-19

Elderly in Britain

Glasgow

CDG (Scotland) Ltd.

198-

BBC B; BBC B+; BBC Master 128; £15.50
Acorn Archimedes; IBM PC; RM Nimbus;
£21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

Sciences; Sociology; Databases; Secondary education; Sixth form education

1853950327

A comprehensive study of the extent to which the needs of the elderly have been met in different parts of the mainland areas of Great Britain based on data covering population; amenities; housing; social services and includes a special study allowing a comparative study of Greater Manchester and Greater London. Structured modular work units accommodate ability levels; integrate computer procedures assist in the acquisition of knowledge and understanding, developing enquiry, evaluation and analysis skills, etc. Optional Epson compatible screen dump (BBC/Nimbus only available - £7.50 (BBC); £13.50 (Nimbus)). Discounts available for purchase of any two more datapacks - details from publishers.

Please state format required: BBC 40 or 80; IBM PC (EGA/ECD only)

14-18

Electra pen

Scottish Council for Spastics (PC version with joint Scetlander)

Glasgow: Scetlander

Creative software for education

BBC Master 128; £17.50 IBM PC (3.5"); £37.95 IBM PC (5.25"); £37.95

1 disc; teacher's notes

Art; Craft, design, technology; Special educational needs; Computer graphics; Commercial free programs

1855720191; 1855720728

A high-resolution drawing and painting program which can be operated by a variety of single switch devices, Marconi trackerball or mouse keyboard. Incorporates a speech synthesiser option to allow aural communication with the program. Program is content-free; pictures can be created, then printed or stored for future use. Particularly valuable for the severely disabled.

IBM PC 3.5" or 5.25" disk

Electric fields

See: Nuffield physics pack

Electrical circuit principles

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £24.50

Disk

Physics; Secondary education; Sixth form education; Further education; Puzzles; Problem solving

Solves electrical circuit problems, including: resistance of a series connected circuit/voltage across each element; resistance/conductance a parallel circuit/current flowing in each element; mesh current/node voltage analysis a circuit with 2/3 unknowns; Millman's theorem; Thevenin's and Norton's theorems; Star/Delta and Delta/Star conversion; calculation of resistance of a conductor; resistance-temperature coefficient calculations; Ohm's law; calculation of electrical quantity, power, energy.

Only specify 80t if you cannot use 40t disks
13+

Electricity in the home

Mason, Les

Oldham: NCET/MESU, North West SEME

198-

Blue file

BBC B; £3.50

40t; 1 disk; 1 documentation booklet; 6 worksheets; 2 A4 concept keyboard overlays; 2 A3 concept keyboard overlays

Electricity; Special educational needs; Primary education; Secondary education; Mathematics; Home economics

Contents: Meters; Consumption. Two programs which show any 3 of 15 electrical appliances used in the home. Each appliance can be switched on and either the power rating or the consumption / cost over time is shown on a simulated meter. The objectives are to demonstrate that power is measured in watts, that it is cumulative in a circuit and that different appliances consume it at different rates (therefore having different costs). Freely copiable for educational use in the UK.

Electro

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £24.50

Disk

Chemistry; Secondary education; General Certificate of Secondary Education

Six teach-test format programs on the effect of electricity on solids and electrolytes, covering an introduction to standard electrolysis circuit, its use, an investigation of electrical conductivity of elements and compounds and the electrolysis of molten and aqueous electrolytes

Only specify 80t if you cannot use 40t disks

13+

Electrocardiogram

Dewhurst, David; Brown, Guy

Sheffield: Pavic Publications

198-

Sheffield Bio Science programs

BBC B; BBC Master; £20.70

Disk or cassette; manual; tutor guide

Sciences; Biology; Simulation; Sixth form education; Further education; A level examinations

Describes the physiological basis of the normal ECG and how it is recorded; presenting high resolution simulations of typical ECG traces and explaining the calculation and clinical significance of the cardiac vector, with the simulated records being derived from actual recordings from healthy subjects and presented on a continuously scrolling screen to simulate a chart recorder. Facility to print to Epson compatible printer.

BBC single 40t or 80t disk drive; cassette; requires monitor

16+

Electrolysis

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; BBC Master Compact; Electron (BBC DFS); £24.50 Acorn Archimedes; RM Nimbus; IBM PC and compatibles; £24.50 RM Nimbus network; (up to 16 machines) £45.00; (up to 48 machines) £65.00

Disk

Chemistry; Secondary education; General Certificate of Secondary Education

Provides animated diagrams, together with the relevant half equations, of migration of ions, the movement of charge, the rearrangement of molecules prior to liberation, from the following

examples: molten sodium chloride, lead bromide; saturated sodium chloride solution, copper sulphate solution with carbon electrodes/copper electrodes

Only specify 80t if you cannot use 40t disks

14+

Electrolysis

See: Structure and bonding

Electromagnetism and electrostatics

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £24.50

Disk

Physics; Secondary education; Sixth form education; Further education

Covers many electromagnetism and electrostatics problems, including: determination of B or H (and μ) from a user-supplied B-H curve; reluctance of a series-/parallel-connected magnetic circuit; magnetic leakage; Ohm's law for the magnetic circuit; magnetic variables (e.g. induced emf, magnetic flux/flux density, inductance); series/parallel connected capacitors; voltage distribution in a string of capacitors, electrostatic flux/flux density, permittivity; etc

Only specify 80t if you cannot use 40t disks

15+

Electron flow in circuits

Dolgellau: Science Education Software

198-

BBC B; BBC Master 128; Econet; £13.00 + VAT

Disk; Worksheets

Physics; Sciences; Secondary education; Sixth form education; Simulation

A resource pack to be used with physics pupils from early secondary age to the sixth form. Programs simulate the flow of electrons in a variety of electric circuits of increasing complexity.

BBC 40t, 5.25" disk; BBC 80t, 5.25" disk

13-18

Electron pair repulsion theory

London: Sussex Publications Ltd; World Microfilms

198-

BBC B; BBC B+; £18.95 Econet level 2; £29.95

Disk; manual

Physics; Sciences; Secondary education; Sixth form education; A level examinations; General Certificate of Secondary Education

An interactive program on the electron pair repulsion theory. The program determines and draws the shape of a molecule whose formula is entered by the student. Supplements/reinforces bonding and structure topics at A level; at GCSE level provides a further insight into covalent bonding

BBC 40t or 80t disk

15+

Electronic configuration

See: Physical chemistry

Electronic mail

Ayre, Peter; Payne, Tony

London: Pitman Publishing

1984

Computers, information, awareness

BBC B; BBC B+; BBC Master; £25.00

1 disk; 1 booklet

Computer studies; Business education; Information handling; Data processing; Secondary education; Further education; Adult education; Simulation

0273022210

This is one of the five programs complementary to the book 'Microcomputers and business studies' by Christine Disney and it simulates a typical electronic mail facility

11- Adult

Electronic mail users in education

Hatfield: Advisory Unit

198-

£15.00 (initial price) £7.00 (update price)

Disk; booklet

Information handling; Primary education; Secondary education

094603978X

An extensive detailed directory of subscribers to electronic mail of particular interest to users in the field of education; currently this steadily expanding file holds over 500 records from a number of countries. Available from the beginning of each term. Bulk order discounts available.

Please specify machine version required.

7+

Electronic office

See: Information technology project : a complete modular course in IT : teaching pack 2

Electronic paintbrush

Doncaster: RESOURCE

198-

BBC B; BBC Master 128; £20.95

Disk; documentation

Art; Design; Craft, design, technology; Utilities; Computer graphics; Primary education

An easy to use graphics package. LEA/Regional licences and bulk purchase discount available.

BBC B/Master 5.25" 40t DFS; 80t DFS available - £1.50 surcharge per disk.

7-11

Electronic systems

See: Technology and design : part 1

Electronics workshop

Millen, Martin

Cambridge: Cambridge Micro Software

1987

BBC B+; BBC Master; c.£35.00

4 discs (40t or 80t); 1 booklet; worksheets

Physics; Electronics; Craft, design, technology; Secondary education; Sixth form education; Further education; Simulation

0521345022 (40t); 0521345014 (80t);
Simulated electronic circuits

Electrostatic and magnetic fields

Salford Science Software

Leamington Spa: SPA (Software Production Associates)

198-

BBC B; BBC B+; BBC Master; £23.00 RM Nimbus; £25.00 Econet; £55.00 RM Nimbus Network; £58.00

Sciences; Physics; Secondary education; Computer graphics

Consists of two modules: Electric fields and potentials, which calculates and graphically displays these; Magnetic effects of electric currents, which teaches and reinforces the basic concepts with text, diagrams and interactive experiments.

11-18

Electrostatics

Feeley, D.; Tennent, R.; Weir, J.

Plymouth: Garland Computing

1984

Physics : collection 2

BBC B; BBC B+; BBC Master 128; £13.85 Econet; £31.50

Disk

Physics; Secondary education; Sixth form education; Further education; Computer graphics; Simulation

Interactive visual aids, or for use for self-tuition or revision. Contents: 4 programs using graphics to help explain electrostatic phenomena in conjunction with practical work. Contained in Physics Disk 2 : collection. Site licences, multiple copy discounts available; details from publisher

BBC 40 or 80t (please specify)

12-16+

Elembingo

Thorpe, J.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1984

BBC B; £4.50

Disk

Chemistry; Sciences; Secondary education; Computer games

21 elements are named randomly at selected speeds and pupils must cover appropriate symbols on a bingo card.

Element data, calculations and oxidation numbers

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £19.50 BBC Master Compact; £21.70 Acorn Archimedes; Amiga; £24.50 Econet; £58.50

Disk

Chemistry; Secondary education; Sixth form education; Further education; General Certificate of Secondary Education; A level examinations

Contents: Element data (a data summary for each element; displays groups/period trends);

Chemical calculations (empirical formula, molar mass, composition calculations); Oxidation numbers (up to 100 questions); Weak acid/base pH Calculation (pH value by quadratic or approximation method).

Only specify 80t if you cannot use 40t disks
14-18

Elements and compounds

Grilli, David; Studd, John M.

Plymouth: Garland Computing

1985

Chemistry : collection 1

BBC B; BBC B+; BBC Master 128; £13.85 Econet; £31.50

Disk

Chemistry; Secondary education; Computer graphics; Simulation

3 programs using graphics show how atomic structure determines the properties of elements and how they react to form compounds. Contained in Chemistry Disk 1 collection. Site licences, multiple copy discounts available; details from publisher

BBC 40 or 80t (please specify)

13-16

Eletro

See : Industrial chemistry and other 16+ topics

Elevator

See: Single switch programs

Elite

Cambridge: Acornsoft

BBC B; BBC B+; BBC 128K B+; BBC Master 128; BBC Master Compact (40/80t); £11.95 BBC B; BBC B+; BBC 128k B+; BBC Master 128; BBC Master Compact (3.5"); £14.95

Disk; manual; novel; cards; maps

Puzzles; Problem solving; Computer games; Primary education; Secondary education

A game featuring interstellar travel, involving combat, navigational and entrepreneurial skills.
40/80t disk; 3.5" disk.

5+

Elixir

Cambridge: Acornsoft

1983

BBC B; BBC B+; BBC 128K B+; BBC Master 128; BBC Master Compact (40/80t); £11.95 BBC B; BBC B+; BBC 128K B+; BBC Master 128; BBC Master Compact (3.5"); £14.95

Disk; booklet

Puzzles; Problem solving; Computer games; Primary education; Secondary education

Cyril has to find an elixir which will return him to his normal size after having accidentally swallowed a strong reducing agent.

40/80t disk; 3.5" disk

5+

Elixir

See : Chemistry collection

Elizabethan court

Maltman, Charles; Blow, Frances; Watson, Deryn; et. al

Harlow: Longman Micro Software

1986 (BBC)

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; Acorn Archimedes; £19.50 BBC Econet levels 2 & 3 SJ file server; AMCOM E-Net; RM Nimbus/Network; £30.00

1 disk, s/d; 1 teachers' guide; students' leaflet; 1 running sheet

History; Adventure simulation; Secondary education

0582272653

An adventure game set in the Court of Elizabeth I

BBC 40t, 5.25" DFS; BBC 80t, 5.25"; Nimbus Network 3.5"; Archimedes compatible 3.5" & 13-16

Elsie

Cambridge: Biosoft

198-

Blanchaer Clinical Case Studies

IBM PC/PS2; Apple Macintosh; Apple II; £50.00 (single simulation) Additional simulations on same order £30.00

Disk; manual

Sciences; Biochemistry; Simulation; Sixth form education; Further education; Adult education
An interactive simulation - Elsie suffers from defective cystathionine synthetase.

5.25" disk Apple II series 3.3 DOS, 64K RAM minimum; IBM PC (CGA/EGA), 3.5" disk & available.

18+

Embedded commands utility for Wordwise and Wordwise plus

Chepstow: AVP Computing

198-

BBC B; BBC B+; £17.50

Disk

Word processing; Utilities

A machine code program to facilitate the use of such features as underlining special character formats and emphasis available with Epson printers, with the same single embedded character switching an effect on and off. Option to redefine embedded characters for each of 6 effects.

Only specify 80t if you cannot use 40t disks

Embroider

See : Craftshop 2

Emergency! : a game for first aid

Plymouth: Garland Computing

1989

BBC B; BBC B+; BBC Master 128; £16.50 RM Nimbus; Acorn Archimedes; £18.75 Nimbus network; £35.25 Econet; £34.15

Disk

Life skills; Secondary education; Sixth form education; Further education; Adult education; Computer games

Simulates a variety of incidents to illustrate some of the most important situations in which first aid is required - designed for revision purposes, to help develop ability to think quickly and act correctly in an emergency. Involves racing against the clock, scoring points based on time taken and errors made. Computer varies condition of casualty so that program is different each time. Site licences, multiple copy discounts available; details from publisher

BBC 40 or 80t (please specify). RM Nimbus versions supplied with BBC- BASIC.

13+

EMF, ionisation energies and solubility products

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £19.50
Amiga; BBC Master Compact; RM Nimbus;
£24.50 RM Nimbus network; (up to 16
machines) £45.00; (up to 48 machines) £65.00
Econet; £58.50

Disk

Chemistry; Secondary education; Sixth form
education; Further education; A Level
Examinations

Contents: Cell EMF - a teach yourself program
on electrode potentials, cell emf, direction of
electron flow and electrode polarities. Ionisation
energies - displays successive ionisation energies
for randomly chosen elements. Solubility
products - a data program providing Ksp
expressions, values and solubilities for a wide
range of low solubility salts

Only specify 80t if you cannot use 40t disks

16-18

EMU control card kit

Clwyd: Clwyd Technics Ltd

198-

BBC B; BBC B+; BBC Master; £72.00 BBC B;
BBC B+; BBC Master; £65.00 (card only)

Control card; bulb holder, LDR, buzzer,
microswitch

Control technology; Primary education;
Secondary education

Control card with 8 inputs and 8 outputs, for
introducing the computer as a device controller
and solving problems in a control environment.
Connects to the user and printer ports

Encore

London: MCMXCIX; Master Tracks Pro

198-

Apple Macintosh; £349.00 (25% education
discounts available)

Disk

Music

A music notation and publishing program,
handling up to 64 parts with multiple key
signatures, metres, clefs, staff types, smooth slurs
and slanted beams. Can transcribe and print out
Master Tracks Pro and Jr sequences; MIDI files
or live MIDI input, in standard music notation.
Can also print out individual parts of a score.
Includes extensive symbol library; automatic
justification with collision avoidance; ability to
enter text or lyrics anywhere on the page.
Compatible with all PostScript devices; uses
Adobe's Sonata music font.

Works on current Macintosh systems with at
least 1Mb RAM; please check required
configuration.

Endocrine glands and the skin

See: Biology pack 9

Energy

See: Food technology and Energy

Energy

See: Science and technology software: pack 1

Energy, food and fitness

Allinson Wholemeal Bread Education Service

Maidenhead: Allinson Wholemeal Bread
Education Service

BBC B; BBC B+; BBC Master; RM Nimbus;
£16.99

Disks; posters; information booklet; survey
sheets

Nutrition; Home economics; Secondary
education

A teaching resource with full support materials
and activities

40t or 80t

12+

England and Wales 3D physical landscape

Glasgow: CDG (Scotland) Ltd.

198-

3D physical landscapes

BBC B; BBC B+; BBC Master 128; £15.50
Acorn Archimedes; IBM PC; RM Nimbus;
£21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

Geography; Databases; Secondary education

Designed to take advantage of the potential of
the Three Dimensional suite. Deals with
national aspects of land use, population, rainfall,
relief, rocks, and temperature. Structured
modular work units accommodate all ability
levels; integrate computer procedures and assist
in the acquisition of knowledge and
understanding, developing enquiry, evaluation
and analysis skills, etc. Optional Epson
compatible screen dump (BBC/Nimbus only)
available - £7.50 (BBC); £13.50 (Nimbus).
Discounts available for purchase of any two or
more datapacks - details from publishers.

Please state format required: BBC 40 or 80t disk;
IBM PC (EGA/ECD only).

12-16

England 1830-1835

Studley: LTS (Learning and Training Systems)

198-

BBC B; BBC Master; BBC Master Compact; RM
Nimbus; Acorn Archimedes (disk or networked);
£22.95

Disk; Background material

History; Sociology; Statistics; Secondary
education; Further education; Simulation

A simulation of life in 19c England dealing with
the impact of industrialisation, and involving
children making decisions based on changes in
society which threaten their lifestyle.

Network software on 80t DFS with transfer
instructions. For stand alone software, please
specify format required.

11-17

English clues : people

ITMA

Harlow: Longman Micro Software

198-

BBC B; BBC B+; BBC Master 128; £30.00

Disk

English; Language; Reading skills; Creative
writing; Secondary education

Series of lessons considering how writers such
as Dylan Thomas chose the appropriate
language and structure to fit their purpose.

BBC 40t, 5.25" DFS disk

11-16

English pack 1

Street: Selective Software

198-

BBC B; BBC B+; BBC Master 128; £12.00 BBC
Master Compact; £14.00

Disk

English; Reading skills; Spelling; Primary
education; Secondary education

Provides practice in word-making; reading;
spelling. Contents: Codeword (a word finding
game similar to Mastermind; gives practice in
logical thinking and strategy development;
encourages pupil to think about the frequency
of letters and letter combinations); Skrabble
(similar to Scrabble, but on a simpler level;
reinforces word building, reading and spelling
skills). Teachers can input and save their own
word banks.

BBC B 5.25" 40 or 80t disk; BBC Master
Compact 3.5" disk

10-16

English revision on microcomputer

London: Sussex Publications Ltd; World
Microfilms

198-

BBC B; BBC B+; £187.60 Econet level 2;
£296.50

Disk; manual

English; English literature; Language; Spelling;
Cross curriculum; Secondary education; Sixth
form education; General Certificate of
Secondary Education; A level Examinations

Practical revision aids, with introductory
material, questions and information which can
be used by groups or individuals. Contents: Pride
and Prejudice; Spellwise; Summary and
comprehension covered; Critical challenges;
Macbeth; Study skills; Julius Caesar; Henry IV:
Part 1; Far from the Madding Crowd; Great
Expectations; Blinking words. Available
separately.

BBC 40t or 80t disk

11+

English software

Worth School

Crawley: W.E. Soft

1987

BBC B; BBC B+; BBC Master 128; £10.00

Disk; booklet

English; Language; Primary education;
Secondary education; Special educational needs;
Computer games

7 game programs using words from themes based

on 30 words each. Themes covered include: camping; the fair; the house; country; November 5; body parts; families; weather; Christmas; music; clothes; housing; school; space; magic; the post; holidays; sport; parties. Includes program to enable any of the words/themes to be edited. Publishers will provide, at no extra cost, disk with words and themes to required specification, if themes and 30-word vocabularies are sent with order.

Please specify whether 40t or 80t required.

7-13

Engram

See: Number grids

Engram

See: Teaching with a micro : maths 3

Enhanced automatic drafting module

Frazer, Professor J. et al.

Toye, Downpatrick: Autographics Sales Ltd
1986

RM Nimbus; £65.00 IBM PC/AT; £75.00
Network versions; details from publishers

Disk; manual

Computer assisted design; Craft, design,
technology; Secondary education

Additional module for Compas designer

3.5" or 5.25" disk

13+

Enigma

See: Problems and investigations in the primary
school using the microcomputer as a resource :
pack 2

Ensemble

Coventry: NCET/MESU

1990

£15.00

Disk; book

Primary education; Secondary education; Music

An easy to use program, supporting advanced
musical thinking, and able to record up to 8
separate parts. Licensing agreements/ large bulk
orders: details from publishers.

Uses Midi keyboard or synthesiser

5+

Enterprise and business plan processor

Gledhill, Bob

Halifax: Careersoft

1988

BBC B; BBC B+; BBC Master 128; BBC Master
Compact; RM Nimbus; £22.50 Acorn
Archimedes; £29.50

Disk

Business education; Mathematics; Economics;
Word processing; Spreadsheets; Secondary
education; Sixth form education; Further
education

Allows students to prepare a professional

enterprise/business plan for mini-enterprise
projects, or to plan CPVE projects, etc. Part 1 is
a simple word processor for writing text, with
help screens at each stage; part 2 enters headings
and figures into a cashflow forecast. Also
available as part of special offers

BBC B, B+, Master 128 (5.25" disks); Master
Compact, Archimedes (3.5" disks); Nimbus (3.5"
720k). 40 or 80 track drive and colour monitor
essential; parallel printer advisable. 5.25" disk
versions run under DFS operating system

14-16+

Entertaining English

Swansea: HS Software

1986

Electron; BBC B; BBC B+; BBC Master 128;
(cassette); £7.95 BBC B; BBC B+: BBC Master
128; BBC Master Compact; Acorn Archimedes;
£11.95

Disk; booklet

Language; Infant school education; Primary
education; Computer games; Computer graphics

Contents: Program 1: Timeslip (deals with past/
present tenses of verbs: a rocket collects verbs,
travels back in time to an eerie cave, when the
player has to choose the past form and travel
back to the present); Program 2: Busy (the player
has to type in a verb (and at the higher level an
adverb as well) to describe each of Busy's wide
range of actions (over 100 verb/adverb
combinations))

Electron cassette; BBC cassette; BBC 40 or 80t
disk; Master Compact 3.5" disk; Archimedes 3.5"
disk

5-12

Entropy

Newport, Lincoln: MEDUSA

198-

BBC B; BBC B+; BBC Master; £6.00

Disk

Chemistry; A Level Examinations; Secondary
education; Sixth form education; Further
education

Illustrates some of the entropy topics in Nuffield
A Level Chemistry. Shows in a study of
molecular motion that the number of ways of
arrangement is related to the total number of
molecules; the quantum shuffling model may be
used to show, e.g. equilibrium of randomly
shuffled quanta and transfer of heat energy.

14+

Environmental bumper box

Gravesend: Fernleaf Educational Software Ltd

198-

BBC B; BBC B+; BBC Master 128; BBC Master
Compact; £49.95

Disks; documentation

Environmental education; Life skills; Primary
education; Secondary education

Contents: The Sea; Roads; Road Safety Project

Please state make/model of computer, network
system, disk size and printer.

7-14

Environmental factors controlling microclimate

See: Practical meteorology. 2: Small scale
weather patterns

Environmental monitoring

See: Urban studies : programs for fieldwork

Environmental pollution and pressure

Glasgow: CDG (Scotland) Ltd.

198-

BBC B; BBC B+; BBC Master 128; £15.50
Acorn Archimedes; IBM PC; RM Nimbus;
£21.50 IBM PC; RM Nimbus network; £32.50

Disk; documentation

Geography; Sociology; Environmental
education; Databases; Secondary education;
Sixth form education

185395028

A comparative, national analysis of the types of
pollution, environmental pressures and
conservation attempts in Western Europe,
covering atmospheric pollution; water pollution;
energy pollution; ecological loss; pressures; land
pollution; land conservation. Structured
modular work units accommodate all ability
levels; integrate computer procedures and
in the acquisition of knowledge and
understanding, developing enquiry, evaluation
and analysis skills, etc. Optional Epson
compatible screen dump (BBC/Nimbus only
available - £7.50 (BBC); £13.50 (Nimbus)).
Discounts available for purchase of any two or
more datapacks - details from publishers

Please state format required: BBC 40 or 80t
IBM PC (EGA/ECD only)

14-18

Environments : trees

London: ITV Schools

1990

BBC B; BBC B+; BBC Master 128; £17.25

2 disks

Environmental education; Primary education;
Information handling; Databases

Contents: Tree identification (information
related to tree shape, leaf shape, flowers etc.
categorised according to the ways in which
primary school pupils might see them); Tree
survey (pupils record their own local tree size
plotting details on a map); Distribution map
(shows an historical distribution map of trees
the UK and involves pupils in a tree planting
exercise).

5.25", DFS

Enzfitter

Leatherbarrow, R.J.

Cambridge: Biosoft

198-

IBM PC/PS2 and compatibles; £ 149.00

Disk; manual

Sciences; Secondary education; Sixth form
education; Further education; Adult education;
Computer graphics

A generic curve fitting package, fitting sets of
experimental data by non-linear regression to
one of several different equations provided (e.g.
Linear regression; PKA determination;
Michaelis-Menten kinetics; Ligand binding;
exponential decay; 1st order rate equation, 1st
equation), or user defined equation/
transformation, presenting results in tabular or
graphic form (e.g. residual, Scatchard, Eadie-
Lineweaver-Burk, Semi-logarithmic; Linear
pKa), with screen dump facility for Epson
compatible printers and the Hewlett Packard
Laserjet. Provides sophisticated entry and

editing facilities; will read ASCII files including LOTUS 1-2-3 PRN. Is presented in menu form with windows and context sensitive help

3.5" or 5.25" disk; Requires 384K RAM minimum; DOS 2.0 or later; IBM CGA or EGA/ Hercules GA. Printer recommended. Maths coprocessor version available; specify when ordering

11+

Enzlab

Garratt, J.; Groves, P.

Cambridge: Biosoft

198-

IBM PC/PS2; Apple II; BBC B; £ 40.00

Disk; tutor manual; student manual

Sciences; Simulation; Secondary education; Sixth form education; Further education

Computer simulation exercises in designing and carrying out enzyme kinetics experiments. Randomly selects each enzyme's kinetics characteristics from a repertoire of 150,000 different combinations, which the user investigates by choosing suitable conditions of pH, substrate concentration, amount of enzyme and inhibitor concentration at which to measure rate of reaction

5.25" or 3.5" disk; BBC 40t or 80t disk. Apple II requires 48K RAM minimum

11+

Enzpack3

Zaba, B.N.; Williams, P.A.

Cambridge: Biosoft

198-

IBM PC/PS2 and compatibles; £ 99.00

Disk; manual

Sciences; Secondary education; Sixth form education; Further education; Computer graphics

A program for calculating and teaching enzyme kinetics. Features include exploration of single substrate kinetics with high resolution graphics plots of velocity/substrate curves; Km and VMax value calculation and graphical representation; full support for CGA, EGA and HGA drivers; comprehensive data editor for creation, merging and storage of data and results files

3.5" or 5.25" disk; requires 384K RAM minimum and DOS 2.0 or later

11+

Enzyme kinetics

London: King's College, Chelsea

198-

Apple Macintosh II, IIc, IIfx; Acorn Archimedes (under consideration); BBC B; BBC B+; BBC Master 128; RML 380Z; RML 480Z; RM Nimbus; IBM PC

11 disk; 1 booklet

Sciences; Chemistry; Biochemistry; Secondary education; Further education; Simulation

This program allows the student to plan and interpret the realistic results rapidly from a wide range of simulated enzyme-catalyst reactions. It includes suggested preliminary laboratory work such as finding the optimum pH, varying the temperature, incubation time, substrate concentration.

115-19

Epson black and white dumps

Newport, Lincoln: MEDUSA

198-

BBC B; BBC B+; BBC Master; £10.00

Disk

Utilities

Easy to use machine code tone dumps to produce large printouts of BBC screens in any graphics mode including mode 7.

EQCAL

Backman, Lars

Cambridge: Biosoft

198-

IBM PC/PS2 and compatibles; £99.000

Disk; manual

Sciences; Secondary education; Sixth form education; Further education; Adult education

A package to calculate free ion concentrations in buffer solutions. Can handle any equilibrium conditions in single phase with up to 8 components forming up to 34 species, including negative ions such as Hydroxyl

5.25" or 3.5" disk; Requires 256K RAM minimum; DOS 2.0 or later

11+

Equations of motion

Backwell, Bristol: Arrowsoft Educational Software

198-

BBC B; BBC Master; £12.50

Disk

Sciences; Physics; Mathematics; Secondary education; Computer graphics

Teaches the solution of problems involving moving bodies for which the "Equations of motion" are suitable, i.e. problems involving distance, velocity, acceleration and time where acceleration is uniform. Has wider applications in teaching techniques for solving equations in general.

Requires use of calculator.

11+

EquFrac

Brown, K.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1984

BBC B; RM Nimbus; £4.50

Disk

Mathematics; Primary education; Secondary education

Intended for class demonstration of equivalent fractions using equivalent fraction charts. Also demonstrates the generation of equivalents of given fractions by multiplying.

Equilibrium and Crystal structures

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £19.50 BBC Master Compact; £21.70 Acorn Archimedes; RM Nimbus; Amiga; £24.50

Disk

Educational Software ENZ - ESP

Chemistry; Secondary education; Sixth form education; Further education; General Certificate of Secondary Education; A Level examinations

Contents: Equilibrium - an interactive program revealing in bar chart form the per cent of reactants and products for 5 reactions under different temperatures pressures and initial reactant concentrations. Metal - illustrates the 3 crystal structures and unit cell types relating to metals. Ionic - illustrates the structural features of 3 compounds.

Only specify 80t if you cannot use 40t disks

14-18

Equi-marginal utility

See: Microeconomics pack 2

Ergo

See: Microprimer software : pack 3

Ergo

See: Micros in the mathematics classroom : 2nd ed

Escape

See: Fun school for over 8s

Escape from Bremerhaven

Brighton: Spartacus Educational Software
1986

Books and software for GCSE

BBC; £13.00 (15% discount if cheque enclosed with order)

Disk; documentation

History; Secondary education; General Certificate of Secondary Education; Simulation

A simulation set in Germany before the outbreak of World War II. The student takes on the role of a British secret agent who has been collecting information about the German armed forces, is under investigation by the Gestapo and has to travel to Bremerhaven, using a code requiring a detailed knowledge of German history between the wars to gain help from the Bremerhaven anti-Nazi Group.

11-16

Espana viva

Kenning, Marie-Madeleine; Kenning, Michael
London: BBC Enterprises / Longman-Logotron
1987

BBC B; BBC B+; BBC Master 128; £25.00

3 disks; documentation (1 booklet); 1 key strip

Modern languages; Spanish; Adventure simulation

0563213116

Produced in association with the BBC beginners' Spanish series, "Espana Viva". A structured course designed to help practise the basic language needed by any visitor to Spain. Includes shopping exercises, map reading, identity games and a Spanish version of a one-armed bandit. It employs methods such as cloze testing, clock reading, diagrams and sentence build-up.

Supplied on 40t disks; converter program supplied for 80t drive.

11+

Estate agent

Chepstow: AVP Computing
198-

BBC B; BBC B+; BBC Master 128; £25.00 RM
Nimbus; £24.50 Econet; £75.00

Disk

Business education; Computer studies;
Secondary education; Sixth form education;
Further education; Simulation; Databases;
Information handling

A realistic package covering the processes of
buying and selling houses with the pupil in the
role of purchaser, vendor or negotiator. Involves
design work, data collection, word processing,
data entry, printout, cut and paste, database
searching, office practice. Disks contain
teacher's notes; reference sheet; program user
notes.

Only specify 80t if you cannot use 40t disks
14-18

Estate agent

Davies, Peter; Hurd, Stephen; Watson, Deryn;
et al.

Harlow: Longman Micro Software
198-

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; Acorn
Archimedes; £19.50 BBC Econet levels 2 & 3;
SJ file server; AMCOM E-Net; £30.00

1 disk; 1 teachers' guide; students leaflets

Economics; Sociology; Geography; Secondary
education; Simulation; Careers education

A role-playing program in which the student
acts as an estate agent advising clients on the
selling price of houses, basing decisions on house
details, location, general price range.

BBC 40t; 5.25" DFS; BBC 80t, 5.25";
Archimedes compatible 3.5" disk

14-16

Ester

Linnell, Don; Ciba-Geigy Industrial Chemicals;
Whitefoot, Stuart; et al.

Doncaster: RESOURCE
1988

Experimenting with industry

BBC B; BBC Master 128; £17.95

1 disk; documentation

Secondary education; Sixth form education;
Sciences; Chemistry; Simulation; Industry; A
level examinations

1852120134

Allows students to experience running a
chemical plant which makes an ester in batches,
as they "operate" the plant under teacher-
selected conditions, and see the outcome in
terms of product quality, production rate,
production cost and profit. LEA/Regional
licences and bulk purchase discount available

5.25" 40 DFS; 80t DFS available - surcharge
£1.50 per disk

15+

Ethanol question

BP Educational Service; Bevan, David (au.
teacher's notes); Thurtle, Quentin (program
au.); Sunley, Chris

London: BP Educational Service
1987

BBC B; BBC B+; BBC Master; RML 480Z; RM
Nimbus; £11.95

1 disk; teacher's notes; pupils' booklet; 4 pupil
worksheets; loading instruction sheet

Sciences; Chemistry; Business education;
Economics; Industry; Secondary education;
Further education; Simulation

This computer-based resource pack supports the
content areas of the GCSE syllabuses by
examining the production of ethanol and the
economic factors of its industrial production

The BBC disks are 40/80 track

14+

Eureka : the solver

Twyford: Borland International (UK) Ltd.

198-

Apple Macintosh; £49.95

Disk

Mathematics; Secondary education

Solves any problem which can be expressed as
a linear or nonlinear equation through a simple
command. Allows graphs of functions to be
drawn by specifying the functions and plotting
range required, with the co-ordinate axes scaled
appropriately. Allows user to "zoom" with
mouse to any area of the graph. Values of graph
points can be displayed and copied to the
Clipboard. Data can be entered into a written
report, and saved to disk in text or MacWrite
format.

Works on current Macintosh systems with at
least 1Mb RAM; please check required
configuration.

Eureka

See: Microprimer software : pack 2; Micros in
school P(540): An awareness pack for teachers

Eureka

See: Micros in the mathematics classroom : 2nd
ed

Europa

ITEM (Information Technology Educational
Materials)

London: ITEM

1989

RM Nimbus network; £15.00

1 disk; 1 activity pack

Business education; Languages; Geography;
Information handling; Secondary education;
Sixth form education; Further education
0708599117

An activity pack which involves using MS-
Windows and its standard applications to
organise a European conference on the
environment. It includes WRITE files in nine
languages

RM Nimbus PC-186, AX and VX stations used
in Nimbus mode

16+

Europe at war 1914 : the opening stages

Glasgow: CDG (Scotland) Ltd.

198-

BBC B; BBC B+; BBC Master 128; £15.50
Acorn Archimedes; IBM PC; RM Nimbus;
£21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

History; Databases; Secondary education; 5
form education

1853950394

An examination of European rivalry through
the study of comparative national, political,
economic, military and social data covering
population; economics; employment; education
and military events. Each country in Europe
represented separately allowing individual
Structured modular work units accommodate
ability levels; integrate computer procedures
assist in the acquisition of knowledge and
understanding, developing enquiry, evaluation
and analysis skills, etc. Optional Epson
compatible screen dump (BBC/Nimbus only)
available - £7.50 (BBC); £13.50 (Nimbus).
Discounts available for purchase of any two
more datapacks - details from publishers.

Please state format required: BBC 40 or 80
IBM PC (EGA/ECD only).

14-18

Europe at war 1915 : Gallipoli

Glasgow: CDG (Scotland) Ltd.

198-

BBC B; BBC B+; BBC Master 128; £15.50
Acorn Archimedes; IBM PC; RM Nimbus;
£21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

History; Databases; Secondary education; 5
form education

1853950742

A conflict study of the campaign in Gallipoli
terms of influence of geography on events
of technology and land and sea warfare
capability. Structured modular work units
accommodate all ability levels; integrate
computer procedures and assist in the
acquisition of knowledge and understanding
developing enquiry, evaluation and analysis
skills, etc. Optional Epson compatible screen
dump (BBC/Nimbus only) available - £7.50
(BBC); £13.50 (Nimbus). Discounts available
for purchase of any two or more datapacks -
details from publishers.

Please state format required: BBC 40 or 80
IBM PC (EGA/ECD only).

14-18

Europe in the age of total war

Talbot, I.

Bangor: Akadimias

198-

Tutor series : British and European history
BBC B; BBC Master 128; Econet levels 2
Acorn; RM Nimbus PC 186; RM Nimbus
series; Nimbus network; Amstrad 6128 &
IBM PC compatible; £25.00 (includes site
licence for up to 10 terminals)

Disk; study booklet; reading list

History; Secondary education; Sixth form
education; Further education; A level
examinations

A program to test student knowledge with
questions in a multiple choice format, in
a random or sequential order, and with a
user selectable time-bases against which it
may be taken. Facilities for revision; sequen-
tial random test modes; with four time based
levels in each test mode. Topics are: the
age of peace; the First World War; revolution
Europe; the Peace Settlement; the rise of
totalitarianism; the approach of war, 1913
the Second World War; the recovery of Europe
the contraction of Europe; towards European
unity. Discounts available: details from publisher.
BBC 40 or 80t disk (please specify). Acorn

& ADFS; RM Nimbus 3.5" disk; Amstrad disk; IBM P C 5.25" or 3.5" disk (please specify).

16+

Europe in transition 1800-1900

Talbot, I.

Bangor: Akadimias

198-

Tutor series : British and European history

BBC B; BBC Master 128; Econet levels 2 & 3; Acorn; RM Nimbus PC 186; RM Nimbus AX series; Nimbus network; Amstrad 6128 & PCW; IBM PC compatible; £25.00 (includes site licence for up to 10 terminals)

Disk; study booklet; reading list

History; Secondary education; Sixth form education; Further education; A level examinations

A program to test student knowledge with questions in a multiple choice format, in either a random or sequential order, and with various user selectable time-bases against which the test may be taken. Facilities for revision; sequential, random test modes; with four time based skill levels in each test mode. Topics are : Napoleonic Europe; the conservative reaction; the age of revolution; industry and society; the ferment of ideas; the new nations; France, 1848-1900; central and eastern Europe; Europe and the war. Discounts available: details from publisher

BBC 40 or 80t disk (please specify). Acorn DFS & ADFS; RM Nimbus 3.5" disk; Amstrad disk; IBM P C 5.25" or 3.5" disk (please specify).

16+

Europe 1700-1789

Dyer, A.D.

Bangor: Akadimias

198-

Tutor series : British and European history

BBC B; BBC Master 128; Econet levels 2 & 3; Acorn; RM Nimbus PC 186; RM Nimbus AX series; Nimbus network; Amstrad 6128 & PCW; IBM PC compatible; £25.00 (includes site licence for up to 10 terminals)

Disk; study booklet; reading list

History; Secondary education; Sixth form education; Further education; A level examinations

A program to test student knowledge with questions in a multiple choice format, in either a random or sequential order, and with various user selectable time-bases against which the test may be taken. Facilities for revision; sequential, random test modes; with four time based skill levels in each test mode. Topics are: war and peace, 1700-1783; France, 1700-1774; Austria, 1705-1790; Prussia, 1713-1786; Russia, 1662-1682; Russia, Catherine the Great; Spain, Portugal and Scandinavia; the Enlightenment; France, 1774-1789. Discounts available: details from publisher.

BBC 40 or 80t disk (please specify). Acorn DFS & ADFS; RM Nimbus 3.5" disk; Amstrad disk; IBM P C 5.25" or 3.5" disk (please specify).

16+

Euro-mail and Russki-mail

Sephton, Anne; Sephton, David

Cambridge: Primrose Publishing

1990

Tick-Tack

IBM PC and compatibles; RM Nimbus; Apricot; Acorn Archimedes (IBM emulation); £75.00

Economy version for schools £45.00 (if bought as add-on to Tick-tack or Pen-friend)

Disk; user guide/operating manual

Communication; Modern languages; English; English (second language); French; German; Spanish; Italian; Welsh; Portuguese; Dutch; Basque; Catalan; Norwegian; Swedish; Danish; Finnish; Swiss Romantsch; Indonesian; Greek; Turkish; Russian; Polish; Chinese (Pinyin); Gaelic; Latin; Czech; Hungarian; Secondary education; Sixth form education; Further education; Adult education; General Certificate of Education; Business education; Simulation; Word processing

Program enables texts to be created in many languages and automatically converted into special formats for transmission by electronic mail; enables most European accented characters to be sent by electronic mail

Can be used on any MS DOS micros (3.5" or 5.25"). Site licence available for networking or multiple use. Special copying licence available. Multilingual text editor can be supplied so as to run with all screen menus and messages in mother tongue or in 20 foreign languages. With Russki-mail, special international Tick-tack fonts allow most European languages to be combined on screen and sent by electronic mail in the same document (Russian with Catalan, Greek with Turkish, French with Czech etc.)

11+

Evaluate

Brown, K.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1984

BBC B; RM Nimbus; £4.00

Disk

Mathematics; Algebra; Secondary education

Gives practice in positive and negative integers. Two levels of difficulty each requiring translation of values into an algebraic form.

EVE

See: Adam and Eve

Everyday signs

Boyes, Rod

Bradford: Brilliant Computing

1986

BBC B; BBC B+; BBC Master; £13.35

40/80t; Disk; manual

Life skills; Language; Preschool education; Infant school education; Special educational needs; reading skills

A word matching program to test ability to recognise common words. Includes 13 sets of 16 words, ranging from warning words to food label words. Facility for teacher to enter own set of words. Screen displays keyword; user chooses matching "choice" word. Animated rewards, with sound effects. Maintains score.

BBC 5.25" disk; 40/80t; works with space-bar; one switch (e.g. block switch) and interface box; Microvitec 501 touch screen; joystick, any other simple switch.

3+

Evidence

ITMA

Harlow: Longman Micro Software

198-

BBC B; BBC B+; BBC Master 128; £15.00 BBC Econet; SJ file server; AMCOM E-Net; £30.00

Disk

Computer studies; Databases; Primary education; Secondary education

3 databases for pupils to interrogate, providing an introduction to information retrieval and logical deduction: Contents: Bobby (database of police records); Who (database of information on children in a playground); Peg Leg (database on band of pirates).

BBC 40t, 5.25" DFS disk; BBC 80t, 5.25" disk

9-12

Evolution

See: WSS biology pack 2

Evolution and natural selection

London: King's College, Chelsea

198-

Apple Macintosh II, IIc IIe; Acorn Archimedes (transfers under consideration); BBC B; BBC B+; BBC Master; RML 380Z; RML 480Z; RM Nimbus; IBM PC

1 disk; 1 booklet

Biology; Evolution; Secondary education; Sixth form education; Further education; Simulation

Using this simulation, the student can investigate many generations under different selection conditions within very short periods of time.

15-19

Evolve

Llanelli: Angelsoft Educational

1990

BBC B; BBC B+; BBC Master; details from publishers BBC Master Compact; details from publishers

3 disks; teachers pamphlets; pupil resources

Mathematics; Language; Sciences; Secondary education; Adventure simulation; Puzzles; Problem solving; Databases

Designed to meet the requirements of the National Curriculum. Contents: Evolve (a simulation game based on evolution); The missing dinosaur bone (a problem solving adventure based on the theft of a valuable object from a museum); Timeflip (a simulation of a journey back through time); Future flip (a simulation of a journey forward in time); Animal keys (an animal identification program); Dinosaur world (a database on dinosaurs); Wildlife survival (an information package based on endangered species).

10+

Examination entry programs

Rhodes, Peter

Birmingham: Hutchinson Software

198-

TR580; BBC; RML 380Z; £26.00

TR580 cassette or BBC disk or RML 380Z disk

Schools; Administration; Examinations

Collects, collates and transcribes examination entries, producing individual notes for pupils of the subjects they are being entered for.

Examination results analysis

Johnson, Keith

Birmingham: Hutchinson Software

198-

PET; RML 380Z; BBC; £36.00

PET disk; BBC disk; RML 380Z disk

Schools; Administration; Examinations

Helps schools comply with the 1980 Education Act by enabling results to be held on computer, presented and analysed in a variety of ways, giving flexibility over the presentation of statistics for publication.

Examples

RCEVH (Research Centre for the Education of the Visually Handicapped)

Oldham: Northwest SEMERC

198-

BBC B; BBC B+; BBC Master 128; £7.00

Disk

Special educational needs; Reading skills; Infant school education; Primary education; Secondary education; Reading skills

For children of reading age, including those with a visual handicap but with sufficient sight to read medium sized text on the screen. Allows teacher to prepare a screen of text, specifying areas where the pupil can fill in answers.

Optional text to speech synthesiser.

5+

Exchequer

Atherton, David

London: Pitman Publishing

1989

RM Nimbus; £25.00

1 disk; 1 manual

Economics; Business education; Secondary education; Further education; Simulation; Adult education

0273030353

The program places the user in the position of the Chancellor of the Exchequer responsible for the selection of policies to control the economy for up to eight years. A print-out of performance may be obtained or a graphical reconstruction of it at the end of a period in office

11- Adult

Excretion

See : Biology pack 8

Execute

Leamington Spa: SPA (Software Production Associates)

198-

RM Nimbus; £17.00 RM Nimbus network; £39.00

Disk

Utilities

An extension to Nimbus BASIC to enable MS DOS command lines to be performed

Exercise physiology

Dewhurst, David; Meenham, Tony

Sheffield: Pavic Publications

198-

Sheffield Bio Science programs

BBC B; £20.70

Disk or cassette; manual; tutor guide

Sciences; Biology; Simulation; Sixth form education; Further Education; A Level examinations

A simulation of some of the important physiological measures to assess cardio-respiratory performance in the laboratory, based on those from healthy individuals performing graded exercise on a bicycle ergometer, including heart rate, minute ventilation, oxygen consumption, blood lactate

BBC 40t or 80t single disk drive; BBC cassette; monitor and printer (optional)

Exmon 2

St. Albans: Beebugsoft Ltd

198-

BBC B; BBC Master 128; Master Compact; £32.00 (£24.00 members' discount price)

ROM or disk

3.5" Master Compact disk

Exodus

Exeter: Maxima Communications plc

198-

Apple Macintosh; £445.00

Disk

Communication

Turns the Macintosh into an X Window System Workstation. Acting as a display server, it interacts with application programs on a host computer. Conforms to Version II of the X Window System or XII: a cost effective way of accessing X Window applications.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Experimental introduction to visual illusions

Spencer, John

Bangor: Akadimias / Sussex publications; World Microfilms

1989

BBC B; BBC Master; £25.00

2 disks

Sciences; Secondary education; Sixth form education; Further education; General Certificate of Secondary Education; A level examinations

A suite of programs introducing visual perception and the methodology used to study perception: contains 70 experimental variants on the Poggendorf illusion; the Kunnapas effect; the Muller-Lyer illusion and the horizontal-vertical illusion. Discounts available: details from publisher

BBC 40 or 80t disk (please specify)

16+

Experimental variation

See : Genetics

Expert builder

The Integrated Modelling Project

London: King's College, Chelsea

1989

RM Nimbus; IBM PC; RM Nimbus network; IBM PC site licence; £20.00

1 disk; 1 booklet

Computer studies; Expert systems; Craft, technology; Primary education; Secondary education; Cross curriculum; Information handling; Content free programs

Expert builder is designed for novices to use order to build simple expert systems and to understand how expert systems work. It contains a diagram editor and a text based interface which enables the computer to reason. In order to use ideas for modelling with computers the program provides a graphical trace of the reasoning it used to solve a problem

The program runs under Microsoft Windows 9-14

Expert 4

Rivers, R.

Cambridge: Biosoft

198-

IBM PC/PS2 and compatibles; £ 150.00

Disk; manual

Sciences; Sixth form education; Further education; Adult education; Databases; Spreadsheets; Information handling

Allows the quick creation of expert systems. Three types of data are entered: elements; attributes; attribute values. Allows up to 60 elements, 40 attributes and 16 attribute values. Database specifies a domain, consisting of elements, attributes and attribute values. Includes user-friendly editing facilities; facilities for examining various types of relations within a domain; facilities for inferring values of unknown attributes, etc.

5.25" or 3.5" disk; requires 256K RAM minimum; DOS 2.0 or later

18+

Expert 4 - RT

Cambridge: Biosoft

198-

IBM PC/PS2 and compatibles; £ 99.00

Disk; manual

Sciences; Information handling; Databases; Spreadsheets; Sixth form education; Further education; Adult education

A program for consultation of databases created with the Expert 4 program

5.25" or 3.5" disk; requires 256K RAM minimum; DOS 2.0 or later

18+

Explore

Sheffield Metropolitan District Council, Education Department, Educational Computing Centre

Doncaster: RESOURCE

198-?

BBC B; BBC Master 128; BBC Master Compact; £20.95

1 disk; documentation; workcards; maps; Puzzles; Problem solving; Adventure simulation; Primary education

A text-based adventure simulation, in which users explore a fantasy world of tunnels and chambers, collecting points and treasure. Designed to encourage problem solving and

thinking skills and to develop group co-operation and decision making. LEA/Regional licences and bulk purchase discount available

BBC B/Master 5.25" 40t DFS; Master 128 5.25" ADFS; Master Compact 3.5" ADFS 80t DFS available - £1.50 surcharge per disk

7-11

Explore the house

See: Albert's house

Exponential growth and decay

See: WSS physics pack 1

Eye

Dorrance, Richard

Harlow: Longman Micro Software

198-

BBC B; BBC B+; BBC Master 128; £19.50 RM Nimbus/Network; £30.00

Disk

Biology; Physics; Secondary education

Contents: Eye 1 and Eye 2 (demonstrate how the eye works, showing the path of light from a point on an object to the retina). Distance of object from the eye; size of iris (Eye 1 only); focal length of lens; condition of eye; effect of spectacles (Eye 2 only) can be altered by user.

BBC 40t, 5.25" DFS disk; Nimbus/Network 3.5" disk

13-16

Eye

See: Basic package

Eye and ear

See: Human biology. 2: Nervous and endocrine systems. The eye and ear

Eye and the ear

See: Biology pack 1

Eye for spelling

Cripps, Charles

Wisbech, Cambridgeshire: esm

Primary language software box; Secondary software box

BBC B; BBC B+; BBC Master 128; BBC Master Compact; RM Nimbus; £21.50

Disk

Infant school education; Primary education; Secondary education; Reading skills; Spelling

Individualises, manages and motivates children learning to spell by the 'look cover, write check' visual approach. Contained in Primary language software box and in Secondary software box.

BBC 5.25" disk; Compact, RM Nimbus; 3.5" disk.

5-13

Eyes

See: Fluttering and Eyes

Eyes of Montezuma

See: Reading for English

Face

See: Basic package

Face parts

See: Basic package

Facemaker

Callaway, Gloria

Wisbech, Cambridgeshire: esm

1985

Best four language

BBC B; BBC B+; BBC Master 128; £16.00

Disk

Spelling; Reading skills; English; Language; Primary education; Secondary education; Computer graphics

Encourages children to read, make decisions and pay attention to detail in creating faces with the words used in response to a series of simple questions Contained in Best four language.

BBC 5.25" disk

5-12

Factfile

Chandler, Daniel; Forecast, Christopher

Cambridge: Cambridge Micro Software

1983

Apple II; £18.50 + VAT

1 disk; 1 booklet

Cross curriculum; Data processing; Information handling; Primary education; Secondary education

0521259312

Also contains: Yourfacts; Dino Yourfacts

7+

Factfile 500 : arithmetic

Dunstable: Kosmos Software Ltd

198-

The Factfile 500 series

BBC B; BBC B+; BBC Master; Acorn Electron; Spectrum; Amstrad CPC (cassette) £4.95 BBC B; BBC B+; BBC Master; (5.25" disk) £5.95 BBC B; BBC B+; BBC Master; BBC Master Compact; Acorn Electron; (3.5" disk) £8.45 Amstrad CPC (3.0" disk); Spectrum Plus 3 (3.0" disk); 8.95 IBM PC & compatibles (3.5"/5.25" disk); £9.95

Disk/cassette

Mathematics; Primary education

Provides 500 well-researched questions and 2000 answer options for use with any of the Answer back quiz programs, designed to develop and practise the basic numerical concepts of addition, subtraction, multiplication, division, time, shape, money and measurement

State whether disk/cassette required and computer type

6-11

Factfile 500 : association football

Dunstable: Kosmos Software Ltd

198-

The Factfile 500 series

BBC B; BBC B+; BBC Master; Acorn Electron; Spectrum; Amstrad CPC (cassette) £4.95 BBC B; BBC B+; BBC Master; (5.25" disk) £5.95 BBC B; BBC B+; BBC Master; BBC Master Compact; Acorn Electron; (3.5" disk) £8.45 Amstrad CPC (3.0" disk); Spectrum Plus 3 (3.0" disk); 8.95 IBM PC & compatibles (3.5"/5.25" disk); £9.95

Disk/cassette

Secondary education; Further education; Sixth form education; Adult education; Sports

Provides 500 well-researched questions and 2000 answer options for use with any of the Answer back quiz programs, covering all aspects of Association Football, including World Cup 1; Home grounds; Internationals; English Clubs, etc.

State whether disk/cassette required and computer type.

12+

Factfile 500 : English words

Dunstable: Kosmos Software Ltd

198-

The Factfile 500 series

BBC B; BBC B+; BBC Master; Acorn Electron; Spectrum; Amstrad CPC (cassette) £4.95 BBC B; BBC B+; BBC Master; (5.25" disk) £5.95 BBC B; BBC B+; BBC Master; BBC Master Compact; Acorn Electron; (3.5" disk) £8.45 Amstrad CPC (3.0" disk); Spectrum Plus 3 (3.0" disk); 8.95 IBM PC & compatibles (3.5"/5.25" disk); £9.95

Disk/cassette

English; Language; Secondary education; Sixth form education; Further education; Adult education

Provides 500 well-researched questions and 2000 answer options for use with any of the Answer back quiz programs, based on essential general vocabulary of nouns, adjectives and verbs; specialised topic including legal and financial words and 'foreign imports'.

State whether disk/cassette required and computer type

12+

Factfile 500 : first aid

Dunstable: Kosmos Software Ltd

198-

The Factfile 500 series

BBC B; BBC B+; BBC Master; Acorn Electron; Spectrum; Amstrad CPC (cassette) £4.95 BBC B; BBC B+; BBC Master; (5.25" disk) £5.95 BBC B; BBC B+; BBC Master; BBC Master Compact; Acorn Electron; (3.5" disk) £8.45 Amstrad CPC (3.0" disk); Spectrum Plus 3 (3.0" disk); 8.95 IBM PC & compatibles (3.5"/5.25" disk); £9.95

Disk/cassette

Life skills; Personal and social education; Secondary education; Sixth form education; Further education; Adult education

Provides 500 well-researched questions and 2000 answer options for use with any of the Answer back quiz programs, based on first aid principles, heart and other attacks, resuscitation, shock, poisons, burns, home safety, etc.

State whether disk/cassette required and computer type.

12+

Factfile 500 : general science

Dunstable: Kosmos Software Ltd

198-

The Factfile 500 series

BBC B; BBC B+; BBC Master; Acorn Electron; Spectrum; Amstrad CPC (cassette) £4.95 BBC B; BBC B+; BBC Master; (5.25" disk) £5.95 BBC B; BBC B+; BBC Master; BBC Master Compact; Acorn Electron; (3.5" disk) £8.45 Amstrad CPC (3.0" disk); Spectrum Plus 3 (3.0" disk); 8.95 IBM PC & compatibles (3.5"/5.25" disk); £9.95

Disk/cassette

Sciences; Secondary education; Sixth form education; Further education; Adult education

Provides 500 well-researched questions and 2000 answer options for use with any of the Answer back quiz programs, covering subjects from Zoology and Botany to Geology, Computers and Computing, Astrophysics and Metallurgy, etc.

State whether disk/cassette required and computer type.

14+

Factfile 500 : junior general knowledge

Dunstable: Kosmos Software Ltd

198-

The Factfile 500 series

BBC B; BBC B+; BBC Master; Acorn Electron; Spectrum; Amstrad CPC (cassette) £4.95 BBC B; BBC B+; BBC Master; (5.25" disk) £5.95 BBC B; BBC B+; BBC Master; BBC Master Compact; Acorn Electron; (3.5" disk) £8.45 Amstrad CPC (3.0" disk); Spectrum Plus 3 (3.0" disk); 8.95 IBM PC & compatibles (3.5"/5.25" disk); £9.95

Disk/cassette

Cross curriculum; Primary education

Provides 500 well-researched questions (the same questions as in the Answer back junior program) and 2000 answer options for use with the Answer back quiz programs.

State whether disk/cassette required and computer type.

6-11

Factfile 500 : know England

Dunstable: Kosmos Software Ltd

198-

The Factfile 500 series

BBC B; BBC B+; BBC Master; Acorn Electron; Spectrum; Amstrad CPC (cassette) £4.95 BBC B; BBC B+; BBC Master; (5.25" disk) £5.95 BBC B; BBC B+; BBC Master; BBC Master Compact; Acorn Electron; (3.5" disk) £8.45 Amstrad CPC (3.0" disk); Spectrum Plus 3 (3.0" disk); 8.95 IBM PC & compatibles (3.5"/5.25" disk); £9.95

Disk/cassette

Cross curriculum; History; Geography; Sociology; Secondary education; Sixth form education; Further education; Adult education

Provides 500 well-researched questions and 2000 answer options for use with any of the Answer back quiz programs, based on English customs and languages; history; nature; towns and cities; industry and the arts, etc.

State whether disk/cassette required and computer type.

12+

Factfile 500 : know Scotland

Dunstable: Kosmos Software Ltd

198-

The Factfile 500 series

BBC B; BBC B+; BBC Master; Acorn Electron; Spectrum; Amstrad CPC (cassette) £4.95 BBC B; BBC B+; BBC Master; (5.25" disk) £5.95 BBC B; BBC B+; BBC Master; BBC Master Compact; Acorn Electron; (3.5" disk) £8.45 Amstrad CPC (3.0" disk); Spectrum Plus 3 (3.0" disk); 8.95 IBM PC & compatibles (3.5"/5.25" disk); £9.95

Disk/cassette

Cross curriculum; History; Geography; Sociology; Secondary education; Sixth form education; Further education; Adult education

Provides 500 well-researched questions and 2000 answer options for use with any of the Answer back quiz programs, based on the natural surroundings, historical and artistic background of Scotland, etc.

State whether disk/cassette required and computer type.

12+

Factfile 500 : natural history

Dunstable: Kosmos Software Ltd

198-

The Factfile 500 series

BBC B; BBC B+; BBC Master; Acorn Electron; Spectrum; Amstrad CPC (cassette) £4.95 BBC B; BBC B+; BBC Master; (5.25" disk) £5.95 BBC B; BBC B+; BBC Master; BBC Master Compact; Acorn Electron; (3.5" disk) £8.45 Amstrad CPC (3.0" disk); Spectrum Plus 3 (3.0" disk); 8.95 IBM PC & compatibles (3.5"/5.25" disk); £9.95

Disk/cassette

Ecology; Botany; Biology; Evolution; Puzzles; Problem solving; Secondary education; Sixth form education; Further education; Adult education

Provides 500 well-researched questions and 2000 answer options for use with any of the Answer back quiz programs. Covers birds and butterflies, flowers and fossils, fish and fungi, animals, trees, insects and the weather, in the British Isles and other parts of the world

State whether disk/cassette required and computer type.

10+

Factfile 500 : senior general knowledge

Dunstable: Kosmos Software Ltd

198-

The Factfile 500 series

BBC B; BBC B+; BBC Master; Acorn Electron; Spectrum; Amstrad CPC (cassette) £4.95 BBC B; BBC B+; BBC Master; (5.25" disk) £5.95 BBC B; BBC B+; BBC Master; BBC Master Compact; Acorn Electron; (3.5" disk) £8.45 Amstrad CPC (3.0" disk); Spectrum Plus 3 (3.0" disk); 8.95 IBM PC & compatibles (3.5"/5.25" disk); £9.95

Disk/cassette

Cross curriculum; Secondary education; Sixth form education; Further education; Adult education

Provides 500 well-researched questions (the same questions as in the Answer back senior program) and 2000 answer options for use with the Answer back quiz programs.

State whether disk/cassette required and computer type.

12+

Factfile 500 : spelling

Dunstable: Kosmos Software Ltd

198-

The Factfile 500 series

BBC B; BBC B+; BBC Master; Acorn Electron; Spectrum; Amstrad CPC (cassette) £4.95 BBC B; BBC B+; BBC Master; (5.25" disk) £5.95 BBC B; BBC B+; BBC Master; BBC Master Compact; Acorn Electron; (3.5" disk) £8.45 Amstrad CPC (3.0" disk); Spectrum Plus 3 (3.0" disk); 8.95 IBM PC & compatibles (3.5"/5.25" disk); £9.95

Disk/cassette

Spelling; Reading skills; Primary education

Provides 500 well-researched questions and answer options for use with any of the Answer back quiz programs. Covers common problem endings; plurals; vowels; consonants; past and present; shortened words; they sound the same; the home; trees and plants; ourselves; people; places; food; living creatures, etc.

State whether disk/cassette required and computer type.

6-11

Factfile 500 : sport

Dunstable: Kosmos Software Ltd

198-

The Factfile 500 series

BBC B; BBC B+; BBC Master; Acorn Electron; Spectrum; Amstrad CPC (cassette) £4.95 BBC B; BBC B+; BBC Master; (5.25" disk) £5.95 BBC B; BBC B+; BBC Master; BBC Master Compact; Acorn Electron; (3.5" disk) £8.45 Amstrad CPC (3.0" disk); Spectrum Plus 3 (3.0" disk); 8.95 IBM PC & compatibles (3.5"/5.25" disk); £9.95

Disk/cassette

Secondary education; Sixth form education; Further education; Adult education; Sports

Provides 500 well-researched questions and answer options for use with any of the Answer back quiz programs, covering different sports subjects such as club football; sport on wheels; boxing; golf; athletics; horse sports, etc.

State whether disk/cassette required and computer type.

14+

Factfile 500 : super sports

Dunstable: Kosmos Software Ltd

198-

The Factfile 500 series

BBC B; BBC B+; BBC Master; Acorn Electron; Spectrum; Amstrad CPC (cassette) £4.95 BBC B; BBC B+; BBC Master; (5.25" disk) £5.95 BBC B; BBC B+; BBC Master; BBC Master Compact; Acorn Electron; (3.5" disk) £8.45 Amstrad CPC (3.0" disk); Spectrum Plus 3 (3.0" disk); 8.95 IBM PC & compatibles (3.5"/5.25" disk); £9.95

Disk/cassette

Secondary education; Sixth form education; Further education; Adult education; Sports

Provides 500 well-researched questions and answer options for use with any of the Answer back quiz programs, covering different sports subjects, including horse racing; rugby; cricket; fishing; racquet sports; boxing; snooker, etc.

State whether disk/cassette required and computer type.

14+

Factfile 500 : twentieth century history

Dunstable: Kosmos Software Ltd
198-

The Factfile 500 series

BBC B; BBC B+; BBC Master; Acorn Electron; Spectrum; Amstrad CPC (cassette) £4.95 BBC B; BBC B+; BBC Master; (5.25" disk) £5.95 BBC B; BBC B+; BBC Master; BBC Master Compact; Acorn Electron; (3.5" disk) £8.45 Amstrad CPC (3.0" disk); Spectrum Plus 3 (3.0" disk); 8.95 IBM PC & compatibles (3.5"/5.25" disk); £9.95

Disk/cassette

History; Secondary education; Sixth form education; Further education; Adult education

Provides 500 well-researched questions and 2000 answer options for use with any of the Answer back quiz programs, on historical topics ranging from general sections on peoples, dates, etc. to more detailed sections on such subjects as World War II and the United Nations.

State whether disk/cassette required and computer type.

12+

Factfile 500 : world geography

Dunstable: Kosmos Software Ltd
198-

The Factfile 500 series

BBC B; BBC B+; BBC Master; Acorn Electron; Spectrum; Amstrad CPC (cassette) £4.95 BBC B; BBC B+; BBC Master; (5.25" disk) £5.95 BBC B; BBC B+; BBC Master; BBC Master Compact; Acorn Electron; (3.5" disk) £8.45 Amstrad CPC (3.0" disk); Spectrum Plus 3 (3.0" disk); 8.95 IBM PC & compatibles (3.5"/5.25" disk); £9.95

Disk/cassette

Geography; Secondary education; Sixth form education; Further education; Adult education

Provides 500 well-researched questions and 2000 answer options for use with any of the Answer back quiz programs, providing a good general insight into the physical and economic geography of some of both the more important and less well known countries of the world.

State whether disk/cassette required and computer type.

11+

Factory

See : Programming step by step

Factory location

Burham, Ray; Ferguson, Iain

Harlow: Longman Micro Software
1198-

BBC B; BBC B+; BBC Master 128; £25.00

Disk; documentation

Geography; Secondary education; Sixth form education; Further education; Databases

Based on case studies in The Location of Manufacturing Industry (John Bale). Allows students to model local pattern of population of factories, taking account of factors such as government aid, environment, accessibility.

Includes database: allows students to develop, store and analyse their own databases.

BBC 40t, 5.25" DFS disk

16-19

Facts on File news digest

Oxford: Facts on File News Digest
198-

Apple Macintosh; £465.00

Disk/ROM

Databases; Information handling

A fully indexed weekly compilation of national and foreign news, covering 1980-1989, including 500 maps, 12 million words of text. Excellent search capabilities. Updated annually.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Facts on File news digest : annual update

Oxford: Facts on File News Digest
198-

Apple Macintosh; £125.00

Disk; ROM

Databases; Information handling

Update from Facts on File News Digest. Discount available on CD-ROM version.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Fads

Hatfield: Advisory Unit

1986

BBC B; BBC B+; BBC Master 128; BBC Master Compact; Econet; £25.00 RM Nimbus; Archimedes; details from publishers

2 disks; documentation

Art; Design; Secondary education; Home economics

1856060136

A fashion design program, enabling user to assess the effects of fashion on male or female figure types, based on body measurements given by user. Supports Integrex, Tandy, and Canon colour printers.

11+

Fair

See: Reading aid 3

Fairy lands

Allen, Derek; Rybak, Rob; Gromett, Brian

Doncaster: RESOURCE

198-

BBC B; BBC Master 128; BBC Master Compact; £18.50

1 disk; documentation

Language; English; Creative writing; Geography; Primary education; Secondary education; Simulation

An extension to Fairy tales, in which the user moves within an electronic adventureland, mapping own fairy kingdom and deciding where each magical element is, with visitors moving

according to the four major compass points into adjacent regions. LEA/Regional licences and bulk purchase discount available.

BBC B/Master 5.25" 40t DFS; Master 128 5.25" ADFS; Master Compact 3.5" ADFS. 80t DFS available - surcharge of £1.50 per disk.

7-13

Fairy tales

Doncaster: RESOURCE

198-

BBC B; BBC Master 128; Master Compact; £22.50

1 disk; program guide; keystrip; photocopying masters

English; Creative writing; Design; Reading skills; Language; Primary education; Word processing

Enables children to write and design own picture-word books. Encourages group work and discussion. Includes picture library. Books of up to 40 pages can be written and saved, then read by others from disk or printed out. LEA/Regional licences and bulk purchase available

BBC B/Master 5.25" 40t DFS disk; Master 128 5.25" ADFS; Compact 3.5 ADFS disk. 80t DFS disks available: surcharge £1.50 per disk

7-13

Fairy tales and Fairy lands publishing company

Allen, Derek; Blackham, Stuart

Doncaster: RESOURCE

1988

Fairy tales

BBC B; BBC Master 128; BBC Master Compact; £18.50

2 disks; documentation

Primary education; Desktop publishing; Authoring aids; Utilities; Secondary education

1852120177

Supplements the 'Fairy tales' and 'Fairy lands' series of story telling programs, enabling the user to build new libraries of pictures from any of the 'Fairy tales' series onto one disk, up to a limit of approx. 50K and allowing the creation, editing and modification of dedicated Fairy lands disks. LEA/Regional licences and bulk purchase discount available.

BBC B/Master 5.25" 40t DFS; Master 128 5.25" ADFS; Master Compact 3.5" ADFS. 80t DFS available - surcharge £1.50 per disk. Publishing company only operates on BBC Master; Fairy tales disks created with it will work on a BBC B.

9-13

Faisons des achats

Burke, Elisabeth

London: Wida Software Ltd

198-

BBC B; BBC B+; BBC Master; £20.00 BBC Econet Level 2/3; £40.00

Disk

Modern languages; French; Primary education; Secondary education; Adventure simulation; Computer games

For learners of French - players have to go shopping, order a meal, take a bus. Program provides graphic display of shopping precinct

BBC 40/80t; programs convertible by user for Master Compact

8-15

Falkirk 3D physical landscape

Glasgow: CDG (Scotland) Ltd.

198-

3D physical landscapes

BBC B; BBC B+; BBC Master 128; £15.50
Acorn Archimedes; IBM PC; RM Nimbus;
£21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

Geography; Databases; Secondary education

Designed to take advantage of the potential of the Three Dimensional suite. Deals with aspects of land use, relief, roads, rocks, soils and slopes. Structured modular work units accommodate all ability levels; integrate computer procedures and assist in the acquisition of knowledge and understanding, developing enquiry, evaluation and analysis skills, etc. Optional Epson compatible screen dump (BBC/Nimbus only) available - £7.50 (BBC); £13.50 (Nimbus). Discounts available for purchase of any two or more datapacks - details from publishers.

Please state format required: BBC 40 or 80t disk; IBM PC (EGA/ECD only).

12-16

Family favourites

Exeter: Minerva Software

198-

Games

Acorn Archimedes; £19.95

Disk

Computer games; Puzzles; Problem solving;
Primary education; Secondary education

Contents: Brain drain (a card-matching memory game); Dead end (user pushes the computer into a dead end before it traps user); Gridlock (based on Othello - user tries to fill the squares on the grid). Site licences available.

RISC OS compatible

5+

Family history kit

Studley: LTS (Learning and Training Systems)

198-

BBC B; BBC Master; BBC Master Compact (disk or networked); £25.95

Disk; Teachers' notes; Worksheets

History; Sociology; Statistics; Primary education;
Secondary education; Sixth form education;
Further education; Databases

Introduces family history investigations and the study of social history and historical documentary sources. Enables each pupil to end up with a family profile.

Network software on 80t DFS with transfer instructions. For stand alone software, please specify format required.

8-18+

Family on the move

See: How we used to live : 1926-1953

Fan

See: Basic package

Far from the Madding Crowd

London: Sussex Publications Ltd; World Microfilms

198-

English revision on microcomputer

BBC B; BBC B+; £18.95 Econet level 2; £29.95

Disk; manual

English; English literature; Secondary education; Sixth form education; General Certificate of Secondary Education; A level Examinations

A practical revision aid, with introductory material, questions and information which can be used by groups or individuals. Also useful as any A level introduction to Hardy. Sections provide detailed analyses of Hardy's novels; plot structures and themes; the three types of love depicted in the main characters; and Hardy's Wessex. Available in set: English revision on microcomputer.

BBC 40t or 80t disk

11+

Farm

Low Attainers Project

Newcastle Upon Tyne: Northern Micromedia

1986

BBC B; BBC Master; £14.00 BBC Master Compact; £16.00

Disk; resource pack

Reading skills; Puzzles; Problem solving; Infant school education; Primary education; Adventure simulation; Secondary education

An adventure program in which users have to solve a variety of problems with the aim of collecting all possible items of food from around the farm. Encourages group discussion, co-operation and decision making; develops inference, problem-solving, reading and comprehension skills.

Requires Concept keyboard (A3/A4 overlays available).

9-13

Farm

Hayball, Margaret

Sherston: Sherston Software

1987

BBC B; BBC B+; BBC Master 128; BBC Master Compact; Acorn Archimedes; (single pack) £18.50 BBC B; BBC B+; BBC Master 128; BBC Master Compact; Acorn Archimedes; (small lab pack) £37.00 BBC B; BBC B+; BBC Master 128; BBC Master Compact; Acorn Archimedes; (large lab pack) £55.50

Single pack: 1 disk; 1 teacher's booklet; 3 workcards; National curriculum flowchart Small lab pack: 1 copy of full pack plus 5 extra copies of disk Large lab pack: 2 copies of full pack plus 10 extra copies of disk

English; Language; Mathematics; Infant school education; Primary education; Computer games; Simulation; Grammar

Contents: Visit the farm (children organise trip to farm); Scarecrow (number work); Old MacDonald (words to a song); Rats in the barn (using words and prepositions to tell the cat where to find them); Hide and seek (simple co-ordinates); Farm dictionary (illustrates all words needed for farm topic). Teacher control menu
BBC 40t 5.25" DFS; BBC 80t 5.25" DFS; BBC Compact 3.5" ADFS disk. 3.5" DFS and 5.25" ADFS disks also available

5-7

Farm buildings

Norwich: ITV Schools

1989

Key datafiles

BBC B; BBC B+; BBC Master 128; £17.25
Nimbus; £18.40 Acorn Archimedes; details to be announced

1 disk; 1 user's handbook; 14 information files; 2 posters

History; Geography; Environmental education; Secondary education; Information handling

Datafile for use with Key. Contains records of the buildings surveyed in over 400 farms. The materials help with dating and identifying buildings, seeking out evidence of past usage and show how the history of a farm can be drawn from its buildings. Can also be used as a basis for comparison when looking at lowland farming regions

BBC, 5.25" DFS; Converts for Key 128 or IBM Econet

12-18+

Farm dictionary

See: Farm

Farm game

See: Farming pack

Farm lands

Allen, Derek; Rybak, Rob; Gromett, Brian

Doncaster: RESOURCE

198-

BBC B; BBC Master 128; BBC Master Compact; £18.50

1 disk; documentation

Geography; Creative writing; Primary education; Secondary education; Simulation

An extension to Old MacDonald's Farm, in which the user moves within an electronic adventureland, mapping out one's own farm deciding where each building, field, flock or herd is, and moving about according to the compass points into adjacent fields or buildings. LEA/Regional licences and bulk purchase discount available

BBC 5.25" 40t DFS; Master 128 5.25" ADFS Master Compact 3.5" ADFS. 80t DFS available at a surcharge of £1.50 per disk

7-13

Farm resources game

See: Farming pack

Farmer Giles

Willink, Nick

Soft Teach Educational, Longbridge Devenham; Warmminster; Magnolia Soft, Exeter; Magnolia Soft order via Chalksoft Ltd

1988

BBC B; BBC B+; BBC Master 128; £15.00
A3000; £19.00

Disk; manual; reference card

Cross curriculum; Geography; Business education; Simulation; Computer graphics; Primary education; Secondary education

0948808756

A program simulating real farm conditions

work, buying/selling machinery; selling stock and crops. Printout facility. Involves group work. Teacher control facility. Bulk purchase discount available.

BBC 5.25" disk; A3000 3.5" diskette

8-16

Farming pack

Harlow: Longman Micro Software

1985 (BBC)

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; Acorn Archimedes; £45.00 BBC Econet levels 2 & 3; SJ file server; AMCOM E-Net; RM Nimbus/Network; £55.00

Disks; 1 documentation booklet; 1 booklet: "Farm game"; 1 booklet: "Rice farming"; students' leaflets

Primary education; Secondary education; Geography; Environmental education; Computer games

0582265010

Contents: Farm game (younger pupils select crop combinations to achieve profitability); Rice farming (pupils manage a rice farm in India while coping with drought/pest attack, etc); Farm resources game (pupils explore variables involved in successfully adapting farming to the environment).

BBC 40t; 5.25" DFS; BBC 80t, 5.25"; Nimbus/Network 3.5"; Archimedes compatible 3.5" disk.

8-16

Fast food

British Council

London: Cambridge University Press

1986

BBC B; BBC B+; BBC Master; Apple; MS DOS; £55.00 (unprotected)

Disk

English; Language; English (second language); Puzzles; Problem solving; Secondary education

Students run a fast food stall, using language skills, negotiating, persuading and making decisions to arrive at a strategy for six days' trading; buying stock from an initial £50.00 capital and setting prices

BBC 40/80t; programs convertible by user for Master Compact. MS/DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1MB memory & IBMulator. Apple II+, IIe, IIc and IIGs, under DOS 3.3. Programs convertible to PRODOS by user

11+

Fastat

Stevenage: Statsoft UK

198-

Apple Macintosh; £225.00 (multi user discount; details from publisher)

Disk

Statistics; Computer graphics; Information handling

A fast, accurate package for producing graphics, tables, financial projections, and surveys. Handles summary statistics; one-way and multi-way tables; chisquare; Pearson and Spearman correlations; regression; nonparametric tests; ANOVA; ANOCOVA series transformation and smoothing; forecasting and principal components and common factor analysis. Graphics features include 2 & 3D full-colour

scatter plots, line plots, bubble plots, regression and confidence intervals, influence plots, probability plots, scatterplot matrices, box and whisker plots, histograms, cumulative histograms with smoothing, etc.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Faults

See: Geological mapwork

Feeder's digest

Leamington Spa: SPA (Software Production Associates)

198-

RML 480Z; £16.00 RML 480Z Network; £42.00

1 disk; 1 manual

Sciences; Biology; Secondary education; Adventure simulation; Computer games

A biological adventure game, which parallels exactly the process of digestion in the human body.

11-16

Female reproductive cycle and fertilisation and pregnancy

Garland, D.; Garland, V.

Plymouth: Garland Computing

1983

Human biology: collection 1

BBC B; BBC B+; BBC Master 128; £13.85 Econet; £31.50

Disk

Biology; Secondary education; Sixth form education; Further education; Computer graphics; Simulation

Illustrates the ovarian and uterine cycles, the relationship between hormones, the events occurring during fertilisation, implantation and early pregnancy. Available in Human biology: collection 1. Site licences, multiple copy discounts available; details from publisher

BBC 40 or 80t (please specify)

12-16+

Ferdinand frog

See: Spot on games

Ferrari formula 1

Langley, Nr. Slough: Electronic Arts Ltd

198-

Amiga; £24.99 Atari ST; PC; £24.99

Disk

Computer games; Simulation

Simulates the characteristics of an actual F1/86; first person view from the cockpit; race against eight of the world's best drivers on 16 of the world's top tracks. Change engines; adjust suspension and aerodynamics; gear ratios; check aerodynamics in animated wind tunnel; test car's set up on test track at Fiorano.

Ferry captain

Cliffe, R.; Holst, T.; Druz, D.; et al.

Gravesend: Fernleaf Educational Software Ltd

Educational Software FAR - FIC

1985

BBC B (disk); £11.26 BBC B (cassette); £8.65

Disk or cassette

Language; Primary education; Secondary education; Puzzles; Problem solving

Contained in The sea. Designed for use with small groups of children. Two ferries operate from a town to a holiday island, trying to run an adequate service for customers and make a profit

8-12

Fertiliser: the production of ammonium nitrate

Nixon, Brian (au.); Collis, Gordon (adviser); GSN (programmers)

Ashton-under-Lyne: Granada Educational Software

1988

Chemistry in action

BBC B; BBC Master 128; £21.50

2 disks; 1 documentation booklet

Sciences; Chemistry; Secondary education

Based on ICI plant at Billingham. Allows students to explore the chemistry of hydrogen, nitrogen, ammonia and ammonium nitrate; create a feasible manufacturing system, and analyse it and improve its efficiency.

Disk (40t)

11-18

Fertilizer

London: ITV Schools

198-

BBC B; BBC B+; BBC Master 128; £21.50

Disk

Chemistry; Sciences; Secondary education; Simulation

Enables students to investigate the chemistry of hydrogen, nitrogen and ammonium nitrate; to develop a production system which is theoretically feasible; and to operate a system which is both practically and commercially viable. Associated ITV Schools programme: Chemistry in action: out of the air.

5.25", DFS

14-17

FGP

See: Micros in the mathematics classroom: 2nd ed

Fiction file: upper one

Bedfordshire Schools Library Service

Norwich: ITV Schools

1990

Fiction file; Key datafile

BBC B; BBC B+; BBC Master 128; £9.20 RM Nimbus; £9.78 Acorn Archimedes; Details to be announced

Disk; notes

English; Language; Secondary education; Information handling

Datafile for use with Key. Lists currently available fiction titles with brief information including title, author, category, publisher etc. Records will also be keyworded to enable books dealing with specific topics to be easily found. A location field enables customising for a particular school.

BBC, 5.25" DFS; Converts for Key 128 or Key Econet.

14-18+

Field line simulation

Garland, David

Plymouth: Garland Computing

1986

Physics : collection 1

BBC B; BBC B+; BBC Master 128; £13.85 Econet; £31.50

Disk

Physics; Simulation; Secondary education; Sixth form education; Further education

Programs augmenting practical work in magnetism and electricity; for use as interactive visual aids, self-tuition or revision. Plots field lines due to a pattern of sources which the user can vary in number, position and relative strength. Contained in Physics disk 1 : collection. Site licences, multiple copy discounts available; details from publisher

BBC 40 or 80t (please specify)

13+

Fieldata

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £17.50

Disk

Biology; Ecology; Secondary education; Sixth form education; Further education

Designed for littoral transect work: Contents: Zonation (Zondata accepts raw data; Zondiag produces graphical interpretation of data from Zondata); Kites accepts raw data from a file prepared by Kite 1, producing tables and kite diagrams of relative population frequencies. Includes screen dump for Epson printer

Only specify 80t if you cannot use 40t disks

14+

FIF transfer

Hatfield: Advisory Unit

198-

BBC B; BBC B+; BBC Master 128; RML 480Z; £12.00

Disk; booklet

Utilities; Primary education; Secondary education

Utilities to convert Quest data into the CET File Interchange Format and vice versa. Bulk order discounts available.

Please specify machine version required.

7+

Figures

ITEM (Information Technology Educational Materials)

London: ITEM

1989

RM Nimbus network; £15.00

1 disk; 1 activity pack

Geography; Economics; Politics; Sociology; Information handling; Spreadsheets; Business graphics; Secondary education; Sixth form education; Further education

070859915X

An activity pack based on examination of social and economic, national and regional data. The data is provided in the form of prepared files for use with MULTIGRAPH and MULTIPLAN

RM Nimbus PC - 186, AX and VX stations used in Nimbus mode

16+

Fig.P

Sebaltd, R.

Cambridge: Biosoft

1989

IBM PC/PS2 and compatibles; £ 250.00

Disk; manual

Sciences; Secondary education; Sixth form education; Further education; Adult education; Computer graphics

A versatile, easy to use and quick scientific graphics program. Features include axis breaks, end-segments, error/range bars in any style; lines, curves, regressions, staircases, freehand curves, lane and 2D scattergrams, curve fitting bargraphs, etc; Greek, scientific and user-definable symbols, legends, extra text, lines, arrows and boxes anywhere; flexible data input, import, grouping, manipulation, etc. Free 5.25" or 3.5 demonstration disk; £ 50/0, refundable against order for full version.

Requires 640K RAM minimum; DOS 2.0 or later; hard disk; graphics card

11+

File writer and cloze test

Chepstow: AVP Computing

BBC B; BBC B+; BBC Master 128; £17.50

Disk; Teachers' notes; Pupil workcards

English language; Word processing; Primary education;

Contents : Filewriter - a simplified word processor program, designed for pupils to create, edit and save their own textfiles of up to ten pages Features include single or double height text, automatic 'wrap-round' at the beginning of lines, Teletext graphics for picture drawing, printer routine, and utilities to delete/insert pages and merge files. Cloze test - runs missing word tests on texts previously created on Filewriter Three different modes of operation are available, including a puzzle mode in which all the words are blanked out

6-13

FileMaker 2

Basingstoke: Frontline Distribution Ltd.; Claris Corporation

198-

Apple Macintosh; £112.50

Disk

Databases; Data processing; Information handling

A flat-form database and forms manager with MultiFinder, AppleShare and TOPS compatibility. Enables files to be created with both text and graphics; allows several users to access/update same database. Provides fast and flexible report generation and datasearch and scripting/macro facility for automating repetitive tasks.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

File-search

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; RM Nimbus network; £24.50 Econet; £58.50 RM Nimbus network (up to 16 machines) £45.00; (up to 48 machines) £65.00

Disk

Computer studies; Databases; Cross curriculum; Secondary education; Sixth form education; Further education

Enables unlimited number of data items to be stored on disks, each item labelled with up to 25 keywords and with search routines to find all items with a specified combination of keywords

Only specify 80t if you cannot use 40t disks

Filing system program

See: Designing software projects

Filling station

Lynch, Michael; Howard, Martin

London: BP Educational Service

1988

BBC B; BBC B+; BBC Master; RML 480Z; Nimbus; £11.50

1 disk; 1 booklet; briefing sheets and record sheets

Business education; Economics; Industry; Secondary education; Further education; Simulation

0861651065

This program on petrol pricing gives students the opportunity to operate a filling station in a highly-competitive market. After studying the locations and costs of five filling stations they select one to run for a year, and then compete with the others

The BBC disks are 40/80 track

14-16

Fillmill

Hughes, Glyn; Kulmala, Kalle-Juhani

London; Softmill order via Wida Software Ltd

1988

MS DOS; £45.00

Disk

Language; English; English (second language); Primary education; Secondary education

An English language learning program, giving vocabulary practice in context. Pupil has to fill in missing words from a database of 1000+ sentences. Can be used in single or two-play mode. Look-up dictionaries available in French, Spanish or German.

MS/DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1MB memory & IBMulator

Filth and poverty

London: Sussex Publications Ltd; World Microfilms

198-

History revision on micro-computer

BBC B; BBC B+; £18.95 Econet level 2; £25

Disk; manual

History; Secondary education; General Certificate of Secondary Education

Practical revision aid, with features including introductory material and maps where relevant

Deals with town and country; living conditions; and working conditions. Available in set: History revision on micro-computer

BBC 40t or 80t disk

11+

Final consonant blends

Forbes; Stuart

Cardiff: Drake Educational Associates

198-

Language centre

BBC B; BBC B+; BBC Master; £12.00

1 disk; 1 booklet

Language; English; Reading skills; Infant school education; Primary education; Special educational needs

The program is designed to help pupils and teachers to choose the reading material by allowing to start at the level best for their own speed and reading ability

5+

Finale

London: MCMXCIX

198-

Apple Macintosh; £995.00 (25% education discount available)

Disk

Music

A music notation program with integrated PostScript drawing environment and built-in text editor. Flexible user interface provides many options for handling lyrics, key and time signatures, clefs and chords, etc. Other features include automatic alignment of lyrics and note heads; support for separate graphic treatment of verse, chorus and section; 14 library types for creation of re-usable materials, e.g. layout, MIDI set-ups; etc.; reduce/enlarge to 10% or 800%, etc. Compiles PostScript files directly for downloading and printing; includes extensive part extraction features.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Find

Birnbaum, Ian; Sowden, Ian S.; Hunter, Nigel; et al

Doncaster: RESOURCE

1986

BBC B; BBC Master 128; BBC Master Compact; RM Nimbus; £29.50 BBC Econet; £60.50

3 disks; technical guide; documentation; keystrip Econet/E-Net packs: include 5 sets student documentation

Databases; Primary education; Secondary education; Information handling; Computer graphics

0863610307 (Starter guide) 0863610315 (Technical guide)

A database with its own help file creator, providing a wide range of powerful search facilities and print options; a graphs package allowing user to print bar charts, pie charts, scatterables, scattergrams. Numeric data can be manipulated to provide totals, means and standard deviations. LEA/Regional licences and bulk purchase available

BBC B/Master, 5.25" 40t ADFS/DFS; Master 128 5.25" ADFS; Master Compact 3.5" ADFS;

Econet 5.25" 40t; E-Net 5.25" 40t. 80t DFS available - £1.50 surcharge per disk
8-16

Find a bone

See Joystick games 1

Find label printer

Doncaster: RESOURCE

198-

BBC B; BBC Master 128; BBC Master Compact; £13.50

Disk; documentation

Utilities; Primary education; Secondary education

Allows user to present output from Find in label form. Will operate with both Find and Junior Find files. LEA/Regional licences and bulk purchase discount available.

BBC B/Master 5.25" 40t DFS; Master 128 5.25" ADFS; Compact 3.5" ADFS. 80t DFS available - £1.50 surcharge per disk. Requires use of dot-matrix printer and necessary label stationery.

7-14

Find the lady

Dary, J.

Gravesend: Fernleaf Educational Software Ltd

198-

BBC B (disk); £11.26 BBC B (cassette); £8.26

Disk or cassette

Language; Primary education; Secondary education; Puzzles; Problem solving; Computer games

Contained in Games of deduction. A game of deductive reasoning involving interpreting clues in the form of pictures and letters

8-13

Find the mole

See: Fun school for under 6s

Find the question

Dary, J.

Gravesend: Fernleaf Educational Software Ltd

Thinking mathematically : series 1

BBC B (disk); £11.26 BBC (cassette); £8.65

Disk or cassette

Mathematics; Primary education; Computer games; Puzzles; Problem solving

Contained in Arithmetic plus. Designed for use by small groups of children. A race along a track between two teams looking for hidden questions, with points being gained for finding the questions and bonus moves for correct answers

7-11

Find the words

See: Word hunt 1, 2 and 3.

5+

Find your bearings

St. Just: MJP (Michael Jay Publications)

198-

BBC B; BBC B+; BBC Master; £14.95 RML Nimbus; details from publishers

Disk

Geography; Computer graphics; Puzzles; Problem solving; Primary education; Special educational needs

User has to find hidden treasure on a small island, using bearings; directions; angles and deductive reasoning.

BBC 40t disk unless otherwise requested.

Findme and Spots

Straker, Anita

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1984

BBC B; £5.00

Disk; Documentation

Mathematics; Primary education

Contents: Findme (children have to guess a random number with the help of clues - "too big", "too small" in the first game, "hot", "cold" etc. in the second); Spots (player must complete a pattern of seven related numbers - three levels of difficulty)

Findword

Glasgow: Collins Educational

198-

Microspecial

BBC B; BBC B+; £20.00

Disk; documentation; teacher notes

Language; Cross curriculum; Life skills; Puzzles; Problem solving; Special educational needs; Secondary education

A friendly, flexible program using a problem solving, structured approach, allowing teachers to design an individualised program, controlling difficulty level and altering data to suit requirements of pupils. Includes monitoring and assessment facility. Suitable for either individual or group use. Contained in Microspecial pack. Documentation available separately. Bulk purchases and site licences available - details from publishers.

11-15

Finish a sentence

See: Words and sentences 1, 2 and 3.

5+

Fire

See Accidents

7+

First aid and simulations

Medishine Software Group

Plymouth: Garland Computing

1989

BBC B; BBC B+; BBC Master 128; £49.50 RM Nimbus; Acorn Archimedes; £54.50 IBM PC compatibles; details from publishers Nimbus network; £72.15 Econet; £67.15

Disk

Life skills; Secondary education; Sixth form education; Further education; Adult education

Interactive simulations to support general first

aid training courses and schemes for certificated first aiders - users are faced with different incidents in which they must decide the correct priorities for assessment, examining and positioning the casualty, giving appropriate first aid. Condition of casualty may change during treatment. Contains almost 50 different scenarios involving road traffic accidents; sports and leisure activities; first aid in home and at work. Site licences, multiple copy discounts available; details from publisher

BBC 80t double-sided disk (please specify if 4 x 4 40t disks are required). RM Nimbus versions supplied with BBC-BASIC.

13+

First base

Exeter: Minerva Software

198-

IBM Compatibles; £39.95 Amstrad PCW 8256; 8512; 9512; Amstrad CPC 6128, 664, 464; £29.95

Disk

Databases

Simple to use database; instant access to records; sort; mailmerge, etc. Site licences available.

First calc

Exeter: Minerva Software

198-

IBM Compatibles; £39.95 Amstrad PCW 8256; 8512; 9512; Amstrad CPC 6128, 664, 464; £29.95

Disk

Spreadsheets

A simple to use comprehensive spreadsheet with full maths facilities Site licences available.

First facts

Doncaster: RESOURCE

198-

BBC B; BBC Master 128; BBC Master Compact; £18.50

Disk; documentation

Cross curriculum; Databases; Infant school education; Primary education

An easy to use database for younger children, requiring a minimum of keyboard use, and allowing children to enter and review data, to find answers, and to draw graphs. Includes sample datafile and facility for teacher created databases. LEA/Regional licences and bulk purchase discount available

BBC B/Master 5.25" 40t DFS; Master 128 5.25" ADFS; Compact 3.5" ADFS. 80t DFS available - £1.50 surcharge per disk

5-9

First filer

Spalding: Chalksoft Ltd

198-

BBC B; BBC B+; BBC Master; £15.00 BBC Master Compact; £17.00

Disk; 40t; 80t; 3.5"; user manual; copy sheets

Databases; Infant school education; Primary education; Special educational needs; Information handling

1851160353

An easy to use database for young children -

requires only restricted typing; mistakes are easily remedied; function keys are programmed to generate defined field names; avoids awkward syntax. Includes 3 starter databases - birds, trees, weather.

Please state whether 40-track or 80-track disks are required. Option to print to Epson-type printer.

6-10

First fonts and PipeDrivers

Ian Copestake Software

Wirral: Ian Copestake Software

1988-90

Acorn Archimedes; from £10.00

Disk; manual;

Word processing; Cross curriculum; Secondary education; Further education; Languages; Sciences

A wordprocessing package - a range of utilities making 1st Word Plus or PipeDream easier to use. Printers can be controlled more effectively. Foreign language and scientific text can be produced

For Archimedes/A3000 systems. Specify L printer make and model and subject (e.g. Mathematics, French)

9+

First looks

See First steps

First moves

See First steps

First search

See First steps

First steps

Boyes, Rod

Bradford: Brilliant Computing

1986

BBC B; BBC B+; BBC Master; £13.35

40/80t; Disk; manual

Language; Preschool education; Infant school education; Special educational needs; Computer graphics; Computer games

3 programs, with sound effects, to help teach severely disabled people use switches: First looks (when switch is pressed, one of 12 large shapes/pictures appears on screen); First moves (when switch is pressed, a curtain, ribbon, zig-zag or expanding balloon moves across the screen); First search (when switch is pressed, a small picture appears). Encourages vocalisation, tracking and scanning. Available in ready-to-run kit with Switch on, 2 block switches, 1 small pad switch, interface box; £74.00.

BBC 5.25" disk; 40/80t; works with one simple switch (e.g. block switch) and interface box; Microvitec 501 touch screen; joystick, any other simple switch.

2+

Fiscal policy

Yates, Ian; Endall, J.C.; Fox, D.W.; et. al

Harlow: Longman Micro Software

1986

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; £19.50

1 disk; 1 teachers' guide; students' leaflets

Economics; Sociology; Politics; Secondary education; Sixth form education; Further education; Simulation

0582265509

Students in the role of treasury advisor in a Keynesian macro-economic model of the economy, analyse the relationships between economic variables and realise the conflict between policy goals/electoral popularity

BBC 40t, 5.25" DFS disk

16-19

Fish

See: Basic package

Fishing game

Wells, Alastair J.; Taylor, Mark; Howard, H. Netherhall Educational Software

Cambridge: Cambridge Micro Software

1986

BBC B; BBC B+; BBC Master; £22.50

1 disk; 1 teacher's handbook

Sciences; Industry; Geography; Secondary education; Mathematics; Computer games; Business skills; Cross curriculum

0521327326 (BBC 40/80t)

This package provides a graphic introduction to various aspects of the British fishing industry. In the game up to four trawlers, each commanded by a student or group of students, compete for fishing shoals hidden in the sea then sell their catch in the best market.

40/80t

13-16

Fishkill

Oxfordshire County Council, Computer Education Unit

Wheatley: Oxfordshire County Council, Computer Education Unit

1989

RM Nimbus/Network; RM 480Z; £25.00

Disk; documentation booklet; teaching material

Biology; Chemistry; Ecology; Primary education; Secondary education; General Certificate of Secondary Education; Adventure simulation; Content free programs

Pupils in the role of freshwater biologists investigate the source and cause of pollution leading to the death of fish in a complex river network, identifying the cause, testing their hypotheses and presenting reports. Includes incidents and facility for teacher-created incidents. Bulk discounts/LEA licences available. Extra copies of booklet available; £4.00.

RM Nimbus/Network 3.5" disk. 480Z stand alone or network

8-16

Fit to eat

London: ITV Schools

198-

BBC B; BBC B+; BBC Master 128; £18.40

Disk

Nutrition; Home economics; Physical

education; Secondary education; Information handling

Datafile for use with Key. Food can be analysed, comparison made with the user's own diet, fitness computed based on simple readings related to tests of flexibility, endurance and body fat.

BBC, 5.25" DFS

Flags

See: Games, activities and investigations : volume 2.

Flash cards

Boyes, Rod

Bradford: Brilliant Computing

1987

BBC B; BBC B+; BBC Master; £13.35

40/80t; Disk; manual

Language; Preschool education; Infant school education; Special educational needs; Reading skills

A scanning communicator simulator, enabling a physically disabled person to 'point' to a picture on a grid of 1, 2, 4, 9, or 16 pictures of everyday objects from a choice of 51. Designed as a preparation for more complete scanning communication systems

BBC 5.25" disk; 40/80t; works with space bar; switches (e.g. block switch) and interface box; joysticks; Micromike; any other simple switches. Option to print to Epson compatible printer, so making communication boards, teaching aids, etc.

3+

Flashword

Jones, T

Glasgow: Scetlander

Adult numeracy/literacy

BBC B; BBC B+; BBC Master 128; £12.50

Disk; users notes

Language; Spelling; Reading skills; Further education; Adult education; Special educational needs

1855720787

Reinforces adult basic literacy and spelling by challenging the student to maintain accuracy while beating the computer in spelling on-screen a word after it has been 'flashed' and removed. Incorporates features for switch users. Various ability levels

BBC 5.25" disk

18+

Fleet Street editor

Mirrorsoft

198-

BBC B; BBC B+; £44.95 IBM PC; Amstrad; £99.95

5 disks; manual

Language; Creative writing; Primary education; Secondary education; Desktop publishing; Computer graphics

This program allows you to design your own newspapers, magazines, write text and produce pictures. Input is via keyboard, joystick or AMX Mouse.

The program works with all the best commonly

used printers. Fonts are available for £24.99 on two 5.25" disks and on a 3.5" disk.

5-16+

Fleet Street phantom

Hosler, S.; Bonham, L.; Bonham, B.

Sherston: Sherston Software

1987

BBC B; BBC B+; BBC Master 128; BBC Master Compact; Acorn Archimedes; Acorn A3000; (single pack) £21.00 BBC B; BBC B+; BBC Master 128; BBC Master Compact; Acorn Archimedes; Acorn A3000; (small lab pack) £42.00 BBC B; BBC B+; BBC Master 128; BBC Master Compact; Acorn Archimedes; Acorn A3000; (large lab pack) £63.00 BBC Econet; £46.00

1 disk; 1 teacher's book; 1 reporter's pad; 7 cards; National curriculum checklists

Language; English; Reading skills; Adventure simulation; Computer graphics; Desktop publishing

Involves punctuation, sequencing, reading for main ideas, inference, prediction and scanning skills. Children, as junior reporters, face a series of challenges when a mysterious phantom misbehaves in a newspaper office. Success is rewarded with promotion, eventually to editor. National curriculum pack available @ £4.95

State whether 40-t or 80-t disks required. 3.5" DFS and 5.25" ADFS disks also available

9-13

Fletcher's castle

Harrison, M.C.; Larder, R.K.; Io Software et al.

Gravesend: Fernleaf Educational Software Ltd

1984

BBC B; BBC B+; BBC Master; RML 480Z (40t disk) £11.26 BBC B; RML 480Z; Spectrum; Amstrad: (cassette) £8.65

1 disk or cassette; 1 documentation booklet

Language; History; Simulation; Adventure simulation; Primary education; Secondary education; Puzzles; Problem solving

For use by small groups of children. An imaginative simulation leading to group discussion and decision making and encouraging language development and logical reasoning in the development of strategy skills to solve the task of building a Norman motte and bailey castle in ten days

Operating system 1.2

8-12

FlexiCAD

Walton, David

Abingdon: Flexible Software Ltd

1989 (Nimbus); 1990 (IBM)

RM Nimbus; RML 480Z; £26.00 RM/RML network; £52.00 IBM and compatibles;

1 disc; 1 documentation booklet

Craft, design, technology; Primary education; Secondary education; Sixth form education; Further education

1872449018

A 2D drafting package, menu driven, with mouse or keyboard control, which draws lines, arcs, fillets, circles and text. Facilities include snapping to points; rubber banding; grid/grid lock; fixed length, angle, radius, centre; multiple angle facility for isometric drawings; up to 120 elements which can each be reflected, rotated, translated, copied, etc. Accuracy to 0.1mm; maximum size 5m x 3m. Output to any Epson

Educational Software FLA - FLI

compatible printer, any HPGL-compatible or an Epson Hi80 plotter. Nimbus version will print to any Postscript-compatible laser printer. Bulk discounts; LEA licences available. Additional copy of booklet; £5.00.

RM Nimbus 3.5" disk; RML 480Z 5.25" disk; IBM and compatibles need EGA or better 3.5" or 5.25" disk.

8-18

Flexitest

Percival, W.

Sheffield: Pavic Publications

198-

BBC B; £12.95

Disk or cassette

Modern languages; Utilities; Authoring aids

A package for multi-lingual test design

BBC 40t or 80t disk; BBC cassette

FlexiWrite

Walton, David

Abingdon: Flexible Software Ltd

1990

RM Nimbus; £32.00 RM Network; £64.00 IBM and compatibles; £39.00 IBM Network; £78.00

Software; 1 documentation booklet

Word processing; Infant school education; Primary education; Secondary education; Sixth form education; Further education

1872449042

A general purpose WYSIWYG word processing program developed from Oxfordshire Write, including right justification, indents, tabs, complete page size control, find and replace, moving and copying sections of text etc. Now includes an 80,000 word spelling checker; choice of five fonts each in nine different sizes; French, German, Italian and Spanish characters; a mail merge system. Full support for Epson printers and can be configured for more than twenty other makes of printer, including Postscript laser printers. Bulk discounts. Additional copy of booklet; £6.00.

RM Nimbus 3.5" disk; IBM and compatibles need CGA or better; 3.5" or 5.25" disk.

5-18+

Flexi-gap

Johnson, Michael; Higgins, John

Harlow: Longman Micro Software

198-

BBC B; BBC B+; BBC Master 128; £40.00 BBC Econet; SJ file server; AMCOM E-Net; £50.00

Disk; teaching notes

Modern languages; French; Spanish; German; Authoring aids; Secondary education; Sixth form education; Further education

Provides four exercises based on cloze procedures - Hopscotch; Hide and see; Tell-tale; and Cheat. Includes sample texts in French; German and Spanish. Authoring aid allows texts to be created and stored in any language for which no extra accents are required (except English), at any level of difficulty.

BBC 40t, 5.25" DFS disk; BBC 80t, 5.25" disk

11-18

Flight

See: Introducing geography

Flight

See: Set of 13 reading and spelling programs

Floater

Daly, Fred; Forecast, Christopher

Cambridge: Cambridge Micro Software

1984

BBC B; BBC B+; BBC Master; £22.50

1 disk; 1 booklet

Sciences; Physics; Secondary education

0521264715 (BBC 40t); 0521306779 (BBC 80t)

Floater aims to display the displacement velocity and acceleration of a frictionless particle in a two-dimension system by the user with a joystick, and may be represented in a graphical, numerical or vectorial way.

BBC machine needs 40/80t disk and the use of a joystick

11-16

Floating and sinking

Harlow: Longman/Logotron

198-

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; £21.00 BBC Econet; SJ file server; AMCOM E-Net; £33.00

Disk

Sciences; Physics; Secondary education

Extends experimental work in elementary hydrostatics by producing simple animations representing how a number of hollow and solid objects of various sizes/materials act when placed in a range of liquids.

BBC 40t, 5.25" DFS disk; BBC 80t, 5.25" disk.

11-16

Floor mat program

Shipley: Bradford Activity Toys

198-

BBC B; BBC B+; £13.32

Disk; manual

Special educational needs; Physical education; Computer games

Contents: Floor mat games (designed to encourage handicapped people to move over 4 of the floor mat switches: when user puts pressure on the required mat, computer gives visual/audio reward; user's performance is timed and displayed); Weight bearing games (designed to encourage handicapped people to transfer weight from one side of their bodies to the other; when user puts pressure alternatively on 2 floor mats, the computer gives a visual and audio reward).

Requires interface to User port (either a Micrex or 2/4 mat switches which are £7.00 or £12.63 each)

Floor robots 1 and 2

Nixon, Alan; Blamires, Mike

Oldham: NCET/MESU, North West SEMERC

198-

Blue file

BBC B; £3.50

40t; 2 disks; 1 documentation booklet

Special educational needs; Primary education; Preschool education

Each disk contains 5 programs (disk 1 operates with the Jessop turtle or BBC buggy, disk 2 with the Valiant turtle). They enable various means of input to be used to make a turtle or a buggy perform certain simple movements. The inputs may be by Micromike, joystick or switches. The programs are useful for teaching directionality, and may be seen as providing a number of pre-Logo activities. Freely copiable for educational use in the UK. Separate copies of each disk are also held in the software collection.

Floor robots 2

Nixon, Alan (original au.); Blamires, Mike (program adaptations); MESU, Special Needs Software Centre (program modifications)

Ilford: NCET/MESU

1985

Blue file

BBC B; BBC Master;

40t; s/s; 1 disk

Special educational needs

Contents: Trundle; Come & go; Nudge; Budge; Swivel Contains 5 programs enabling various means of input to be used to make a Turtle or buggy perform simple movements. The inputs may be made by Micromike, joystick or switches. The programs are useful for teaching directionality and may be seen as providing a number of pre Logo activities. 1 copy of the set: "Floor robots 1 & 2" is also held in: "Blue file software. Vol. 2". (BBC B; 40t; 2 disks; 1 documentation booklet). (This version may be obtained from MESU, North West SEMERC, at £3.50. Freely copiable for educational use in the UK).

For Valient (i.e. Valient) turtle

Flowchart generator

Hancock, Mark

Plymouth: Garland Computing

1988

BBC B; BBC B+; BBC Master 128; £17.65 RM Nimbus; Acorn Archimedes; £20.00 Nimbus network; £37.65 Econet; £35.30

Disk

Computer studies; Programming languages; Secondary education; Sixth form education; Further education

An introduction to programming, allowing simple BASIC programs to be entered and converted into flowcharts which can be viewed on screen or printed out. Automatic error check; errors are described, allowing user to return to the listing to edit the program. Site licences, multiple copy discounts available; details from publisher

BBC 40 or 80t (please specify). RM Nimbus versions supplied with BBC- BASIC.

13+

Flower

See: Basic package

Flower and Bird databases

Doncaster: RESOURCE

198-

BBC B; BBC Master 128; £21.95

2 disks; documentation

Biology; Sciences; Botany; Databases; Information handling; Primary education; Computer graphics

Contents: Flower search (a data handling

package to assist children analyse data collected allowing over 2000 observations to be sorted & displayed in a variety of forms including histograms and pie-charts); Birdwatch (a dedicated database for children's observations of birds, classified by location, characteristics, habits, etc. Allows information to be presented graphically). LEA/Regional licences and bulk discount available.

5.25" 40t DFS disks; 80t DFS available - £15 surcharge per disk

7-11

Flower search

See: Flower and bird databases

Flowering in soya bean

See: Biochemistry and plant physiology pack

Flowerpot

See: Basic package

Flowers

See: Basic package

Flowers and vegetables

Norwich: ITV Schools

1988

Key datafiles

BBC B; BBC B+; BBC Master 128; £17.25 RM Nimbus; £18.40 Acorn Archimedes; details to be announced

Disk; Reference book

Environmental education; Biology; Primary education; Secondary education; Information handling

Datafile for use with Key. Gives information on planting, germination, flowering, cropping, quantities, colours, storage and garden pests. Includes the paperback Growing from seed, published by Sphere

BBC, 5.25" DFS; Converts for Key 128 or Ke Econet

8-18+

Flowers of crystal

Matson, Mike

Barnstaple: 4mation Educational Resources

1984

BBC B; BBC B+; BBC Master; RML 480Z; £23.00 RM Nimbus; £25.00

1 disk or cassette; 1 audio cassette; 1 teacher's booklet; 1 story booklet; 1 map; worksheets

Primary education; Secondary education; Special educational needs; Ecology; Environmental education; Puzzles; Problem solving; Adventure simulation; Computer games

An educational adventure game, designed to form the basis of a lengthy project to stimulate creative activities, to promote group work and to develop research, record keeping, planning and organisation skills.

BBC disk; RML 480Z disk

9-13

Fluttering

See: Fluttering and Eyes

Fluttering and eyes

Workshop: TGW Software Developments

198-

BBC B; BBC Master; £5.00

Disk

Primary education; Special educational needs

Contents: Fluttering (a visual attention/tracking program based on a butterfly moving around the screen); Eyes (a visual attention program based on 1, 2, 4, or 6 large eyes shown on screen).

5.25" 40t disk unless 80t is requested; will operate on single or double density drives.

5+

Folds

See: Geological mapwork

Follow the...

See: VETAS

FONTastic plus : version 2.0

Birkenhead: Ansys Expertise Ltd.

198-

Apple Macintosh; £74.00

Disk

Utilities

A bit-map or ImageWriter font editor, allowing user to customise any existing character set with special characters, logos or graphics and to create new fonts at any size from 1 to 127 points. Includes editing tools (pencil, eraser, line, filled box, oval and circle). Allows fonts to be scaled with independent horizontal and vertical control. Styling abilities allow automatic creation of bold, italic, outline, shadow and condensed versions of design. Includes integrated font mover; provides full support for Apple font format NFNT.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Fontographer

Birkenhead: Ansys Expertise Ltd.

198-

Apple Macintosh; £395.00

Disk

Utilities

A PostScript (download) font generator using Bezier curves to create full resolution characters for use with any PostScript device. Numerous features allow great flexibility and choice.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Fonts: optional compatible enhancements for Pixel perfect : Fontpack A

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; Electron (BBC ADFS); £55.00 Master Compact (ADFS); £57.20 Acorn Archimedes; £65.00

Disk

Computer studies; Desktop publishing; Secondary education; Sixth form education; Further education

Contents: Fontpack A (Block, Monk, Linear); Fontpack B (Shadow, Card, Palais); Fontpack C (Outline, Chizel, Stripe); Fontpack D (Tintern, Feltip; Croxle y). Fontpacks available separately.

Only specify 80t if you cannot use 40t disks.

Fonts: optional compatible enhancements for Pixel perfect : Fontpack A

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; Electron (BBC ADFS); £12.50 Master Compact (ADFS); £14.70 Acorn Archimedes; £24.50

Disk

Computer studies; Desktop publishing; Secondary education; Sixth form education; Further education

Contents: Block (94 characters); Monk (32 characters); Linear (94 characters). Available in package with Fontpacks B, C and D.

Only specify 80t if you cannot use 40t disks.

Fonts: optional compatible enhancements for Pixel perfect : Fontpack B

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; Electron (BBC ADFS); £12.50 Master Compact (ADFS); £14.70 Acorn Archimedes; £24.50

Disk

Computer studies; Desktop publishing; Secondary education; Sixth form education; Further education

Contents: Shadow (94 characters); Card (32 characters); Palais (80 characters). Available in package with Fontpacks A, C and D.

Only specify 80t if you cannot use 40t disks.

Fonts: optional compatible enhancements for Pixel perfect : Fontpack C

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; Electron (BBC ADFS); £12.50 Master Compact (ADFS); £14.70 Acorn Archimedes; £24.50

Disk

Computer studies; Desktop publishing; Secondary education; Sixth form education; Further education

Contents: Outline (94 characters); Chizel (47 characters); Stripe (94 characters). Available in package with Fontpacks A, B and D.

Only specify 80t if you cannot use 40t disks.

Fonts: optional compatible enhancements for Pixel perfect : Fontpack D

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; Electron (BBC ADFS); £12.50 Master Compact (ADFS); £14.70 Acorn Archimedes; £24.50

Disk

Computer studies; Desktop publishing; Secondary education; Sixth form education; Further education

Contents: Tintern (94 characters); Feltip (94 characters); Croxley (94 characters). Available in package with Fontpacks A, B and C.

Only specify 80t if you cannot use 40t disks.

Food

See: Food and recipes

Food

Hatfield: Advisory Unit

198-

Quest datafiles

BBC B; BBC B+; BBC Master 128; Master Compact; Econet; Acorn Archimedes; IBM PC and compatibles; RML 480Z; RML 380Z; RM Nimbus; £12.00

1 disk; 1 booklet

Home economics; Primary education; Secondary education; Databases

A datafile of analyses of nutrients supplied by 100g of 484 different foods. Can be used to stimulate interest in nutrients and as an aid to decision making in meal planning. Contained in Quest in schools pack (£70.00). Bulk order discounts available.

Please specify machine version required.

7+

Food

See: Science start here 2 : Food

Food and recipes

Hatfield: Advisory Unit

1986

Quest datafiles

BBC B; BBC B+; BBC Master 128; Master Compact; Econet; Acorn Archimedes; IBM PC and compatibles; RML 380Z; RML 480Z; RM Nimbus; £20.00

Three related datafiles

Home economics; Databases; Primary education; Secondary education

1856060152

Food: 484 foods are analysed for their nutrient content per 100g food and food category. The file may be used to stimulate interest in foods and nutrients, as an aid to decision-making when planning meals for particular diets to find cheap sources of nutrients. Pfood: a file of foods compiled for junior schools. Contains 100 records with information about food group, origin, colour, texture, how it's bought and packaged, etc. Recipe: a datafile containing the following information: dish name, book reference, description, food type, main ingredients, methods of cooking, preparation and cooking time, level of difficulty, equipment suitable for use etc. May be used as an aid to planning meals, to support the teaching of the dietary goals and as an introduction to the idea of recipe storage and retrieval.

Please specify machine version required.

7+

Food energy

See : Biology class experiments: food energy, water content and hearing age

Food for the family

Glasgow: Collins Educational

198-

Microspecial

BBC B; BBC B+; £20.00

Disk; documentation; teacher notes

Home economics; Mathematics; Cross curriculum; Life skills; Puzzles; Problem solving; Special educational needs; Secondary education

A friendly, flexible program using a problem solving, structured approach, allowing teachers to design an individualised program, controlling difficulty level and altering data to suit requirements of pupils. Includes monitoring and assessment facility. Suitable for either individual or group use. Contained in Microspecial pack. Documentation available separately. Bulk purchases and site licences available - details from publishers.

11-15

Food program

London: ILECC (Inner London Educational Computing Centre)

1988

RM Nimbus stand alone; £25.00; RM Nimbus network; £50.00

1 disks; 1 handbook; 5 food code books

Home economics; Nutrition; Biology; Databases; Secondary education; Further education

Designed to support the ILEA 'Nutrition guidelines and teaching matrices' available from Heineman Books Educational. It helps to design a balanced diet with energy and fibre analysis of food. Also contains a database enquiry program which allows the listing of the nutrient contents of over 750 foods or the listing of any of the foods containing a particular nutrient. The program is now available with kilojoules as well as kilocalories

8-16

Food technology

See: Science and technology software : pack 1

Food technology and Energy

London: ITV Schools

1986

BBC B; BBC B+; BBC Master 128; £18.40

2 disks; 1 documentation booklet

Sciences; Biology; Home economics; Secondary education; Databases; Information handling

Contents: Energy (allows pupils to investigate various methods of home insulation); Food technology (gives an insight into the problems of vegetable storage and deterioration). Associated ITV Schools programme: Science and technology

5.25", DFS

14-16

Foiled by numbers

London: ITV Schools

198-

Mathematical eye

BBC B; BBC B+; BBC Master 128; £11.50

1 disk

Mathematics; Problem solving; Secondary education; Computer games; Databases

Encourages indepth exploration of

mathematical ideas. The program is about the process of being mathematical making it particularly relevant to Attainment Targets 1 and 9. Skills exercised: recognising databases, selecting appropriate data, using data to argue a case, displaying data. Also contained in: Mathematical eye (price £40.25). Associated ITV Schools programme: Mathematical eye.

5.25", DFS

11-13

Football

See: Reading aid 3

Forecasting, planning and budgeting using Lotus 1-2-3

Remenyi, Dan

Barnet: Glentop Press Ltd

198-

IBM PC and compatibles; £22.50

Disk; Book

Computer studies; Spreadsheets; Business education; Schools; Accounting; Educational administration; Secondary education; Further education; Adult education

1851811923

Introduces a wide range of forecasting techniques, including smoothing, regression, time series and expected values. Planning section considers financial, marketing and production plans. Assumes sound knowledge of spreadsheet use. Disk available separately, £9.95. Book available separately, £14.95

16+

Forest

Glasgow: Scetlander

Creative software for education

BBC B; BBC B+; BBC Master 128; £15.00

1 disk; Teachers' notes; Pupils' background notes

Environmental education; Geography; Primary education; Secondary education; Simulation; Computer graphics

1855720507

Designed to foster understanding of environmental issues involved in managing a forest and to encourage responsibility for the environment. Provides for a wide range of stimulating activities and group discussion.

BBC 5.25" disk

9-14

Forest of spells

See: Helping with spelling

Forge

Parker, Chris

Doncaster: RESOURCE

198-

BBC B; BBC Master 128; BBC Master Compact; Acorn Archimedes; £38.50; Special offer £25.00

5 disks; supporting documentation; source materials; work cards; activity sheets; maps; photographs; keypad

Cross curriculum; Primary education; Secondary education; History; English; Sociology; Industry; Mathematics; Information handling

Based on the industrial revolution and the growth of the iron and steel industry. The programs provide exercises in sifting a furnace, financial management, charging a furnace and examining data showing the changes in lifestyle brought about by the industrial revolution, as children consider the issues from the viewpoint of an imaginary ex-reviving his flagging fortunes. LEA/Regional licences and bulk purchase discount available

BBC B/Master 5.25" 40t DFS disk; Master 128 5.25" ADFS; Master Compact 3.5" ADFS. 5.25" DFS available - £1.50 surcharge per disk.

10-16

Forget-me-not

Glasgow: Scetlander

Mix and match

IBM PC (3.5" disk); £17.00 IBM PC (5.25" £16.00

Disk

Language; Reading skills; Mathematics; Life skills; Preschool education; Infant school education; Primary education; Special educational needs; Computer graphics

Contained in Mix and match. Provides practice in visual discrimination and visual memory skills; encourages number recognition and discrimination of upper/lower case letters, and time telling

IBM PC 5.25" or 3.5" disk

3-7

Formulae

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £19.50 B+ Master Compact; £21.70 RM Nimbus; £24.50 Econet; £58.50

Disk

Chemistry; Secondary education; General Certificate of Secondary Education

Provides a comprehensive test of chemical equations, using a method of entering subscript characters. Copy of the periodic table is essential. GCSE revision package

Only specify 80t if you cannot use 40t disks

13-16

Forte

Studley: LTS (Learning and Training Systems) 198-

Acorn Archimedes with PC emulator; RM Nimbus PC186 with 1Mb.; PC286, AX, VX; IBM PCs PS/2 and compatibles; £80; add £60 site/network licence

Business education; Computer studies; Cross curriculum; Word processing; Databases; Spreadsheets; Computer graphics; Communication; Primary education; Secondary education; Sixth form education; Further education

An enhanced version of Desktop - a fully integrated package, which includes mail merge utilities and a WYZYWG preview mode which displays bold, under lined and italic text and graphics on screen. Database, Spreadsheet, Word processor programs available separately at a cost of £30; add £30 site/network licence each

Archimedes requires PC emulator; RM Nimbus PC186 requires 1Mb.

10-18+

Foundation level English

Henley-on-Thames: LCL

198-

Home College

BBC B; BBC B+; BBC Master; BBC Master Compact; Acorn Archimedes; IBM PC compatibles Amstrad CPC; Amstrad CPW; Electron; £49.99

Disk; 2 books; VHS video; audio tape

English; English (second language); Language; Secondary education; General Certificate of Secondary education; Adult education

An open learning course, providing phone support and marking of exam papers. Also suitable as an educational resource for teachers, and a foundation course in colleges. Adheres closely to the GCSE exam, emphasising the rules of English and their application in practice, in either normal or multiple-choice questions. Covers punctuation; elementary and advanced spelling; vocabulary tests; figures of speech and arrangement; commonly confused words; irregular plurals; word reduction for summaries; 8 passages for summarising; 8 comprehension tests. If purchasing other courses, special offer of £5.00 off total for 2 courses; £10 off for 3; £17.00 off for 4

Disk/3.5" disk (please specify)

12+

suitable as an educational resource for teachers, and a foundation course in colleges. Covers addition; subtraction; hundreds; tens and units; recognising shapes; tables; multiplication; division; weight; conversion between percentages; fractions and decimals. If purchasing other courses, special offer of £5.00 off total for 2 courses; £10 off for 3; £17.00 off for 4

Disk/3.5" disk (please specify)

12+

Fourier

Snell, D.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1983

BBC B; RM Nimbus; £3.50

Disk

Mathematics; Secondary education

Explore Fourier's theorem by building your own sawtooth and square waves from sine waves on the screen. Complete control over phase, wavelength and amplitude.

Fourier

See: Secondary maths 3

Fourier analysis

Salford Science Software

Leamington Spa: SPA (Software Production Associates)

198-

BBC B; BBC B+; BBC Master; £ 2.00 RM Nimbus; £ 25.00 Econet; £ 55.00 RM Nimbus Network; £ 58.00

Sciences; Electronics; Physics; Secondary education; Sixth form education; Further education

Shows how complex waveforms can be synthesised from simple harmonic waves and how a complex wave can be broken down into simple harmonic components through the operation of four waveforms. Users can carry out the Fourier analysis and check the validity of their calculations.

12-16+

Fourier series and transforms

Harding, Robert (ed.)

Bristol, Avon: Adam Hilger

1985

Computer illustrated texts

BBC B; BBC B+; BBC Master 128; IBM; £22.50 Licence; £120.00

Disk; 2 textbooks

Engineering; Mathematics; Sciences; curriculum; Secondary education; Sixth form education; Further education; Computer graphics

Text: 0852748094; IBM PC: 0852744587; BBC: 0852747764; Licence: 0750300833

Contents: sampling and resolution, periodic functions, harmonics and Fourier series, Fourier transforms. Software used initially alongside the text and subsequently for independent research by students investigating formulae, models and frameworks with alternative data. Additional textbooks can be purchased separately

BBC; IBM licence 5.25" disk

16+

Fours

See: Codehunt, Metro, Reversi, Fours, Snakes and ladders

Four-stroke engine

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £24.50 Econet; £58.50 RM Nimbus; £24.50 RM Nimbus network; (up to 16 machines) £45.00; (up to 48 machines) £65.00

Disk

Engineering; Craft, design, technology; Secondary education; General Certificate of Secondary Education; Computer graphics; Simulation

Identifies major parts of engine, explaining their functions and technical inter-relationships. The four stroke cycle is demonstrated using four animated single cylinder sequences, showing the behaviour of the gases, valves, piston and crank, during induction, compression, power and exhaust. Includes simulation of four-cylinder, in-line overhead camshaft petrol engine and multiple choice test section.

Only specify 80t if you cannot use 40t disks.

14-16

FoxBase+/Mac

Hitchin: Fox Software International

198-

Apple Macintosh; £495.00 (single-user); £500 (multi-user; single-user runtime); £600.00 (multi-user runtime)

Disk

Databases; Data processing; Information handling

A relational database providing high speed execution, full dBASE compatibility, and ability to manage large collections of data easily. Provides standard character, numeric, date, memo and logical database fields; picture window for innovative visual data management; graphical interface eliminating need to write programs for common database applications; application generator, template language system, forms generator for specialised applications.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Fractals

Leamington Spa: SPA (Software Production Associates)

198-

RM Nimbus; £19.00 RM Nimbus Network; £45.00

Art; Design; Primary education; Secondary education; Computer graphics

Using LOGO like commands each straight line or round polygon in the original fractal shape can be replaced with a smaller copy. Library of interesting fractals supplied; own fractals can be saved. Fractals can be output to Epson compatible printers or to HPGL plotters.

7-18

Fraction fonts : laserWriter fonts

Glasgow: Persona TMC Ltd

Foundation level French

Henley-on-Thames: LCL

198-

Home College

BBC B; BBC B+; BBC Master; BBC Master Compact; Acorn Archimedes; IBM PC compatibles - PC200; PPC; Atari ST; £49.99

Disk; 2 books; VHS video; audio tape

French; Secondary education; General Certificate of Secondary education; Adult education

An open learning course, providing phone support and marking of exam papers. Also suitable as an educational resource for teachers, and a foundation course in colleges. Emphasises practical French, using passages from newspapers and signs found in France, teaching how to speak French through real speech incorporated in the programs. Includes cartoon-style graphics; sophisticated error handling. Covers pronunciation; colours; articles; er, ir and re verbs, French wordsearch; learning by pictures, signs; OIR verbs; plurals; time; graphics adventure game; oral exam; commands; adjectives; future tense; dictation; perfect tense; imperfect tense; opposites; 2 comprehension tests; direct object pronouns. If purchasing other courses, special offer of £5.00 off total for 2 courses; £10 off for 3; £17.00 off for 4

Disk/3.5" disk (please specify).

12+

Foundation level maths

Henley-on-Thames: LCL

198-

Home College

BBC B; BBC B+; BBC Master; BBC Master Compact; Acorn Archimedes; Amstrad CPC; Amstrad PCW; IBM PC compatible - PC200, PPC; Electron; Spectrum; C64; Atari ST; £49.99

Disk; 2 books; VHS video; audio tape

Mathematics; Secondary education; General Certificate of Secondary education; Adult education

An open learning course, providing phone support and marking of exam papers. Also

198-

Fraction fonts

Apple Macintosh; £32.50

Disk

Utilities

Downloadable LaserWriter fonts to provide typographically correct fractions.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Fraction fonts : laserWriter plus fonts

Glasgow: Persona TMC Ltd

198-

Fraction fonts

Apple Macintosh; £65.00

Disk

Utilities

Downloadable LaserWriter fonts to provide typographically correct fractions.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Fraction fonts : laserWriter IINT fonts

Glasgow: Persona TMC Ltd

198-

Fraction fonts

Apple Macintosh; £65.00

Disk

Utilities

Downloadable LaserWriter fonts to provide typographically correct fractions.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Fractions

See: Number work programs

Fracts

See: Project programs : third stage

Frac1

RJE Software

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1983

BBC B; RM Nimbus; £6.00

Disk

Mathematics; Secondary education

Fractions are illustrated in pie chart form. Options include random fractions, reduction to lowest terms, comparison of two fractions, common denominator and addition (including mixed number answers).

Frac2/3/4

RJE Software

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1983

BBC B; £6.00

Disk

Mathematics; Secondary education; Computer graphics

Three programs. 1) Comparison of fractions with bar charts. 2) Animated display showing multiplication of fractions. 3) Estimate position of fraction on bar chart.

France, Germany and Benelux

Chepstow: AVP Computing

198-

Basic regional geography

BBC B; BBC B+; BBC Master 128; Electron; £17.50 BBC Master Compact; £19.70 Acorn Archimedes; Amiga; £24.50 Econet; £52.50

Disk

Geography; Secondary education

Helps in teaching basic features - names, positions of seas; rivers; towns; mountains, etc. Includes interactive sequences which allow for and correct spelling errors.

Only specify 80t if you cannot use 40t disks.

11+

Frankie's house

Brighton: Tressell Publications

198-

BBC B; BBC B+; BBC Master 128; BBC Master Compact; Econet; £20.00

Disk; documentation

Language; English; Creative writing; Word processing; Secondary education

0907586473

A creative writing program in which pupils make their own pictures and then compose a story based on those, using the on-screen editor. Scenes to choose from include stairway, library, attic and cellar, and any of 50 "transfers" can be called up to be placed onto the background scenes. Word processor and spelling checker included, and print facility available using the screen dump. Also available in pack with Mystery Island @ £30.00+VAT for the two BBC 40/80t disk; 80t disk can be transferred to Econet levels 2 & 3

9-12

Fraserbar

See Cedars get fit set

Fred : viewdata editor

Lisbona, David

London: Aldoda International Ltd

1986

BBC B; BBC B+; BBC Master 128; (40t/80t d/s); £43.00 BBC B; BBC B+; BBC Master 128; (2 x 40t s/s); £44.00

Viewdata; French; Communication; Computer graphics

A powerful offline editor of viewdata frames - mouse-driven graphics; full wordprocessing facilities; advanced editing features.

Requires BBC B, B+ or Master 128 with dual or double-sided disk drive. Use can be greatly enhanced by use of AMX Mouse and ROM.

Freddy teddy

Northampton: Northamptonshire Computer Education Centre

198-

RM Nimbus; £20.00

Disk; documentation including storybooks, worksheets

Language; Mathematics; Puzzles; Problem solving; Life skills; Infant school education

A suite of programs to develop concepts of colour matching, sequencing, counting, comparison and visual discrimination, as Freddy does acrobatics on a skateboard, takes a balloon journey, visits a bakery and works in his factory. Bulk purchase discounts and licences available details from publishers.

5-7

Freddy teddy's adventure

Northampton: Northamptonshire Computer Education Centre

198-

RM Nimbus; £15.00

Disk; documentation including story book

Language; Puzzles; Problem solving; Infant school education

Based on the theme of an adventure in and around the wood, involving an invitation, nut honey and a special clock leading to a picnic with Freddy and his friends at the end of the day. Bulk purchase discounts and licences available - details from publishers. Icon menu

Mouse driven

5-7

Freddy teddy's wardrobe

Northampton: Northamptonshire Computer Education Centre

198-

RM Nimbus; £15.00

Disk; documentation

Puzzles; problem solving; Infant school education

A program providing colourful ordering activities and opportunities for discussion as children help to dress Freddy teddy for his favourite activities.

Mouse driven

5-7

Freddy's folly

Exeter: Minerva Software

198-

Games

Acorn Archimedes; £14.95

Disk

Computer games; Puzzles; Problem solving; Primary education; Secondary education; Computer graphics

User has to activate gun crew to defend castle against attack from Sir Freddy's fleet of air balloons and galley ships

RISC OS compatible

5+

French and German writing exercises

Chepstow: AVP Computing

BBC B; BBC B+; BBC Master 128; £24.50

Modern languages; French; German; Secondary education; General Certificate of Education

A series of programs enabling students to practise and develop writing skills in French or German

13-16

French clues : lu et compris

ITMA

Harlow: Longman Micro Software

198-

BBC B; BBC B+; BBC Master 128; c.£30.00
BBC Econet; SJ file server; AMCOM E-Net;
c.£40.00

Disk

Modern languages; French; General Certificate of Secondary Education; Secondary education

Carefully selected authentic texts, ranging from letters to newspaper reports, recipes and interviews, are used in a variety of ways to provide students with experience in handling different writing styles, preparing them for GCSE reading tasks. Other authentic texts can easily be used also.

BBC 40t, 5.25" DFS disk; BBC 80t, 5.25" disk
12-14

French correspondence

Hatfield: Advisory Unit

198-

BBC B; BBC B+; BBC Master 128; BBC Master Compact; Econet; RML 380Z; RML 480Z; RM Nimbus; Archimedes; £12.00

Disk; booklet

French; Modern languages; Primary education; Secondary education

0946039542

Enables user to produce and print a variety of letters in French on various topics by selecting phrases for given alternatives.

Please specify machine version required.

7+

French mistress : levels A and B

Dunstable: Kosmos Software Ltd

198-

Amstrad CPC (3.0" disk); Amstrad PCW (3.0" disk); Spectrum Plus 3 (3.0" disk); Atari ST (3.5" disk); IBM PC & compatibles (3.5"/5.25" disk); £19.95 Amstrad CPC (cassette); £16.95

Disk/cassette

Modern languages; French; English (second language); Secondary education; Sixth form education; Further education; Adult education

Includes extensive vocabulary lists arranged as a series of lessons, each covering a different subject. Sophisticated tuition control allows lessons to be modified to individual requirements. Features self-teach display and self-test modes and facilities for lesson creation/editing.

State whether disk/cassette required and computer type.

11+

French mistress : level A only

Dunstable: Kosmos Software Ltd

198-

BBC B; BBC B+; BBC Master; Acorn Electron;

Spectrum; Amstrad CPC (cassette) £8.95 BBC B; BBC B+; BBC Master; (5.25" disk) £9.95 Spectrum Plus 3 (3"0" disk); £10.95 Amstrad CPC (3.0" disk); £12.95

Disk/cassette

Modern languages; French; English (second language); Secondary education; Sixth form education; Further education; Adult education

Includes extensive vocabulary lists arranged as a series of 16 lessons, on subjects including the family; foods; vehicles; shops; substances; clothes, etc. Sophisticated tuition control allows lessons to be modified to individual requirements. Features self-teach display and self-test modes and facilities for lesson creation/editing.

State whether disk/cassette required and computer type.

11+

French mistress : level B only

Dunstable: Kosmos Software Ltd

198-

BBC B; BBC B+; BBC Master; Acorn Electron; Spectrum; Amstrad CPC (cassette) £8.95 BBC B; BBC B+; BBC Master; (5.25" disk) £9.95 Spectrum Plus 3 (3"0" disk); £10.95 Amstrad CPC (3.0" disk); £12.95

Disk/cassette

Modern languages; French; English (second language); Secondary education; Sixth form education; Further education; Adult education

Includes extensive vocabulary lists arranged as a series of 16 lessons, on general vocabulary with adjectives, prepositions & conjunctions, adverbs and fully conjugated verb lists in 5/6 tenses. Sophisticated tuition control allows lessons to be modified to individual requirements. Features self-teach display and self-test modes and facilities for lesson creation/editing.

State whether disk/cassette required and computer type.

11+

French pronouns

Last, Rex W.

London: Wida Software Ltd; Locheesoft

1984

BBC B; BBC B+; BBC Master; £19.50 BBC Econet Level 2/3; £39.00

Disk

Modern languages; French; Primary education; Secondary education

Tests and demonstrates French object pronouns (but not reflexives or disjunctives) at 5 levels - single direct/indirect; two in present/future tense; pronouns with positive commands; pronouns with negative commands; pronouns in compound tenses. Option to set up own test files.

BBC 40/80t; programs convertible by user for Master Compact

8-15

French revolution

Axworthy, R.

Bangor: Akadimias

198-

Tutor series : British and European history

BBC B; BBC Master 128; Econet levels 2 & 3; Acorn; RM Nimbus PC 186; RM Nimbus AX series; Nimbus network; Amstrad 6128 & PCW; IBM PC compatible; £25.00 (includes site licence for up to 10 terminals)

Disk; study booklet; reading list

History; Secondary education; Sixth form education; Further education; A level examinations

A program to test student knowledge with questions in a multiple choice format, in either a random or sequential order, and with various user selectable time-bases against which the test may be taken. Facilities for revision; sequential, random test modes; with four time based skill levels in each test mode. Topics are: the ancient regime; the eve of revolution; revolution, 1789-1791; fall of monarchy; convention and terror; Robespierre; Thermidorean reaction; the directory. Discounts available: details from publisher

BBC 40 or 80t disk (please specify). Acorn DFS & ADFS; RM Nimbus 3.5" disk; Amstrad disk; IBM PC 5.25" or 3.5" disk (please specify).

16+

French revolution

Clare, John

Durham: Appian Way Software

BBC B; BBC Master 128; RM Nimbus; £18.50

Disk, notes

History; Simulation; Secondary education; General Certificate of Education

This program casts pupils in the role of Louis XVI and communicates lessons on causation and motivation, and on the role of an individual within a broader historical concept.

40t or 80t

11-16

French tutor

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £24.50

Disk

French; Modern languages; Secondary education; Sixth form education; Further education; General Certificate of Secondary Education

Covers testing of 1000 words of vocabulary, 50 idioms and phrases and 20 irregular verbs; includes a file-merge option and the facility for the user to create own tests for storing on tape.

Only specify 80t if you cannot use 40t disks

13+

French verbs

Kenning, Michael; Wexler, Peter; Kenning, Marie-Madeleine

Harlow: Longman Micro Software

1987

BBC B; BBC B+; BBC Master 128; £27.50 BBC Econet levels 2 & 3; SJ file server; AMCOM E-Net; £37.50

Disk; 1 documentation booklet

French; Secondary education; Sixth form education; Further Education; Modern languages; Languages

0582268605

A reference and testing program for French verbs, covering 11 tenses. Includes four sample tests and a test generator program to allow the teacher to write own test programs

BBC 40t, 5.25" DFS; BBC 80t, 5.25" disk

11-18

French workshop

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £24.50

Disk; audiocassette; user notes

French; Modern languages; Secondary education; Sixth form education; Further education; General Certificate of Secondary Education

Seven menu-drive programs, including content-free cloze program, 600 item vocabulary learning games, and interactive communicative adventure based on a camping holiday.

Only specify 80t if you cannot use 40t disks

13+

Frequency response

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £24.50

2 disks

Electronics; Secondary education

Demonstration frequency response diagrams disk can be used to demonstrate specific features such as the use of stabilizing techniques in control systems. User can build up own library of demonstration disks. Master disk takes frequency response data, plots on a Bode, Nyquist, or Nichols frequency response diagram; then displays the crossover frequencies and margins. Option to print to Epson FX80 or compatible printer

Only specify 80t if you cannot use 40t disks

14+

Freshwater

See: Cambridge identification keys

Freshwater fish of Britain and Ireland

Norwich: ITV Schools

1989

Animals in action datafiles; Key datafiles

BBC B; BBC B+; BBC Master 128; £17.25 RM Nimbus; £18.40 BBC Econet; £21.50 Acorn Archimedes; details to be announced

Disk; User's manual; Information sheets; Worksheets

Environmental education; Biology; Sciences; Primary education; Secondary education; Information handling; Computer graphics

Datafiles for use with Key. Covers all species of freshwater fish found in the British Isles, the first datafile giving details such as name, classification, habitat, body shape, behaviour etc., and the second containing principally statistics including average weights, egg weights/quantities angling information etc. Also provides distribution maps.

BBC B/Master, 5.25" DFS; BBC Master/Compact, 5.25" ADFS; Econet level 2 and 3, NFS

8-18+

Frog

See: Toy control disk

Frog heart

Dewhurst, D.; Brown, G.

Sheffield: Pavic Publications

198-

Sheffield bio science programs

BBC B; £19.95

Disk or cassette; manual; tutor guide

Simulation; Biology

A computer simulation package for practical teaching - an alternative to using live animals - producing high-resolution simulations of a pithed frog heartbeat, displayed on a scrolling screen to simulate a chart recorder. Includes tension and timescales; facility to freeze traces to facilitate measurement. Prints to Epson compatible printer

BBC 40t or 80t single track disk drive; BBC cassette; monitor

Frogs

See Adding and subtracting/pathfinder

Frogs

See: Games, activities and investigations : volume 1

Frogs

See: Mathematical investigations in the primary classroom

Frog1

Aldridge, E. M.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1984

BBC B; RM Nimbus; £5.50

Disk; Documentation

French; Modern languages; Secondary education

Set of three French programs, the first dealing with relative pronouns (qui, que, dont), the second with past participle agreement of irregular verbs, the third providing a vocabulary revision game. Teachers can enter own data, text entirely in French.

From number theory to secret codes

Jackson, T. H.

Bristol, Avon: Adam Hilger

1987

Computer illustrated texts

BBC B; BBC B+; BBC Master 128; IBM; £28.50 Licence; £145.00

Disk; 2 textbooks

Engineering; Mathematics; Sciences; Secondary education; Sixth form education; Further education; Computer graphics

Text: 0852740778; IBM: 0852740808; BBC: 0852740794; Licence: 0750300817

Contents: primes and factors, continued fractions and rational approximations, modular arithmetic, cryptography. Software used initially alongside the text and subsequently for independent research by students investigating formulae, models and frameworks with alternative data. Additional textbooks can be purchased separately.

BBC; IBM licence 5.25" disk

16+

From pictures to words

Hatfield: Widgit Software

1990

BBC B; BBC B+; BBC Master; £25.00 RM Nimbus; Acorn Archimedes; In preparation, details from publishers

Disk (4 disks in BBC version)

Primary education; Special educational needs; Reading skills; Spelling; Writing skills

A suite of programs for language development from first stages of initial letter matching, through spelling to giving the facility for the child to write freely and have the story illustrated automatically with pictures. Concept keyboard input can be by letter, part word, word or phrase. Also ordinary keyboard input accepted. Basic library of 270 words from which teachers are free to build their own exercises. Example exercises and overlays are provided as well as a comprehensive manual. Relates to National Curriculum at 2-5 (English). Speech synthesis and control of word size and colour for visual impairment

Keyboard or concept keyboard use. Work can be printed to standard Epson 9 pin printer. Other picture libraries in preparation. Can be used with a speech synthesiser

4+

Front page Europe

Roland, Andrew

Birmingham: Newman Software

1989

BBC B; BBC B+; BBC Master 128; BBC Master Compact; Econet; £25.00

1 disk; 1 doc booklet

Modern languages; French; German; Italian; Spanish; Welsh; Primary education; Secondary education; Word processing; Desktop publishing

This is a modern language version of 'Front page extra' which incorporates text from different word processors (accents and special characters). There is a choice of typefaces for the Master series.

Version 1.04

7-14+

Front page extra

Keeling, Roger; Sayles, Howard

Birmingham: Newman Software

1987

RM Nimbus; RM Nimbus network; Acorn Archimedes & A 3000; £20.00

1 disk; documentation booklet

Art; Design; Desktop publishing; Language; English; Creative writing; Primary education; Secondary education

This updated version of the popular program the same name on MAPE tapes enables child to compile the front page of a newspaper. Pages can be saved to disk or printed out, page length changed to make different layouts. The BBC and RML 480Z versions of this program are available on MAPE tape 3 which is generally available on LEA licence.

The Acorn Archimedes/A 3000 are now moving driven Version 2.0f Nimbus; 1.06 Archimedes A3000.

7-14

Front page extra

See: Learning geography with computers

Front page extra

See: Digging deeper into history.

Front page extra

See: MAPE compendium

Front page special edition

Keeling, Roger

Birmingham: Newman Software

1988

BBC B+; BBC Master 128; BBC Master Compact; Econet; £25.00

1 disk; 1 doc booklet

Art; Design; English; Creative writing; Primary education; Secondary education; Desktop publishing; Computer graphics; Word processing

This program allows far more flexibility than Front page extra, but it is still suitable for primary and secondary children. There are nine page formats with six options

Version 1.0a

7-16

FS100

Exeter: Maxima Communications plc

198-

Apple Macintosh; £595.00

Disk

Communication

A LocalTalk file server resident on an IBM PC or PS/2 which can be accessed by other Macintosh systems on the network. PC and PS/2 also have direct access to PostScript printers and other shared devices on the network. Can be supplied with expansion card to link PC or PS/2 into LocalTalk.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Full impact

Maidenhead: Ashton-Tate UK Ltd.

198-

Apple Macintosh; £118.00 (1-4 copies); £88.50 (5+ copies)

Disk

Spreadsheets; Computer graphics; Databases; Information handling

Provides spreadsheet analysis and versatile graphics capabilities. Allows spreadsheets to include up to 524,288 cells, text and graphics; mixing of multiple typefaces, sizes and styles. Other features include 7 chart styles; integrated database function; preview of up to 64 pages with enlarged, reduced and zoom views; colour support on the Macintosh II; a macro programming language for automatic recurring operations; and a customisable icon bar. Works with Lotus 1-2-3; Microsoft Excel, dBase, SYLK, DIF and text files.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Full reporter

See: Reporter

FullPaint

Maidenhead: Ashton-Tate UK Ltd.

198-

Apple Macintosh; £26.00

Disk

Art; Computer graphics; Design; Craft, design, technology; Computer assisted design

A paint program for manipulating graphic images and printing banners and posters. Allows 4 documents to be edited at once. Features include keystroke short cuts; pop up rulers; mousespot facility for precision drawing; custom font sizes; special effects tools; print utility for printing on LaserWriter for high-resolution output.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Fun phonics

Shelton, Kath

Shelfield: Pavic Publications

198-

BBC B; £99.00

Disk

Reading skills; Computer games; Special educational needs

A suite of 9 programs with 3/6 games in each, to support Skill Teach, a structured reading resource for children with learning difficulties. Contents: Parts 1-5, 6a, 6b, 7 and 8. Each part available separately at £12.95 each.

BBC 40t or 80t disk; if ordering individual parts, please specify part required

Fun school 2 for over 8s

Adlington, Macclesfield: Database Software

198-

Acorn Archimedes; BBC A3000; Atari ST; Commodore Amiga; IBM PC and compatibles; £19.95 Spectrum 48k; 128K, +2; Commodore 64; BBC Micro/Electron; Amstrad CPC (cassette); £9.95 Spectrum +3; Commodore 64; BBC Micro; Amstrad CPC (disk); £12.95

Disk; instructions; teacher notes

Cross curriculum; Computer games; Mathematics; Language; Spelling; Infant school education; Primary education; Puzzles; Problem solving

Contents: Logic doors; Build a bridge; Passage of guardians; Unicorn; Escape; Souvenirs; Code boxes; Mystery machines. Eight programs each with difficulty level options.

8+

Fun school 2 for under 6s

Adlington, Macclesfield: Database Software

198-

Acorn Archimedes; BBC A3000; Atari ST; Commodore Amiga; IBM PC and compatibles; £19.95 Spectrum 48k; 128K, +2; Commodore 64; BBC Micro/Electron; Amstrad CPC (cassette); £9.95 Spectrum +3; Commodore 64; BBC Micro; Amstrad CPC (disk); £12.95

Disk; instructions; teacher notes

Cross curriculum; Computer games; Mathematics; Language; Spelling; Infant school education; Primary education; Puzzles; Problem solving

Contents: Teddy count; Teddy bear picnic; Colour train; Find the mole; Pick a letter; Spell

the word; Shape snap; Write a letter. Eight programs each with difficulty level options
-6**Fun school 2 for 6-8 year olds**

Adlington, Macclesfield: Database Software

198-

Acorn Archimedes; BBC A3000; Atari ST; Commodore Amiga; IBM PC and compatibles; £19.95 Spectrum 48k; 128K, +2; Commodore 64; BBC Micro/Electron; Amstrad CPC (cassette); £9.95 Spectrum +3; Commodore 64; BBC Micro; Amstrad CPC (disk); £12.95

Disk; instructions; teacher notes

Cross curriculum; Computer games; Mathematics; Language; Spelling; Infant school education; Primary education; Puzzles; Problem solving

Contents: Number train; Maths maze; Caterpillar; Shopping; Packing; Treasure hunt; Number jump; Bounce. Eight programs each with difficulty level options

6-8

Fun with numbers

Bracknell: Golem Software Ltd

198-

BBC; Electron; £8.95

Disk; documentation

Mathematics; Infant school education; Primary education; Computer graphics; Computer games

Programs to teach and test basic counting, addition and subtraction skills. Contents: Count (introduction to counting with random number of cars displayed for counting); Add (simple addition of apples falling from tree); Subtraction (of green bottles as they are smashed); Rocket Maths (an arcade type game encouraging addition/subtraction, Hall of Fame section).

Please state BBC or Electron; 40 or 80t disks.

4-7

Fun with texts

Davies, Graham

London; Camsoft

1986

BBC B; BBC B+; BBC Master; £45.00 MS DOS; £55.00 BBC Econet Level 2/3; £45.00 RM Nimbus; £45.00

Disk

Language; Primary education; Secondary education; Computer games; Authoring aids

Multi-activity package; allows teacher to store short texts for seven different text-reconstruction games: 1. Copywrite (storyboard type "total cloze" exercise); 2. Clozewrite (traditional cloze exercise); 3. Enigma (decoding game); 4. Scrambler (unjumbling all letters in all words); 5. Prediction (from a number of choices); and 6. Textsalad (sorting jumbled lines).

BBC 40/80t; programs convertible by user for Master Compact. MS/DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC

8-16+

Fun with words

Bracknell: Golem Software Ltd

198-

BBC; Electron; £8.95

Disk; documentation

Spelling; Language; Reading skills; Infant school education; Primary education; Secondary education; Computer graphics; Computer games; Puzzles; Problem solving

Contents: Alpha (an alphabetical game, teaching sorting skills and introducing keyboard layout - 2 difficulty levels); Vowels (entering the missing vowels); There (distinguishing between there/their); Suffixes (exercises and tests on the five rules of suffixes); Hangman (3 difficulty levels - choice of 300 words and facility to input user choice of words).

Please state BBC or Electron; 40 or 80t disks.
5-12

Function

Blow, David; Porter, John

Birmingham: Hutchinson Software
198-

RML 380Z; £15.00

1 disk; 1 booklet

Mathematics; Sciences; Physics

Displays the graph of any specified function between any limits, with automatic scaling to enhance the visual display; superimposes further graphs.

RML 380Z with 56K of RAM

Functions

See: Graph Capers : senior pack

Funfair

Hughes, Beryl; Brooks, Kim; Muxworthy, Ann; et al

Newcastle upon Tyne: Northern Micromedia
1988

BBC B; BBC Master; £17.00 BBC Master Compact; RM Nimbus (BBC Basic); Acorn Archimedes; A3000; £19.00

2 disks; 1 documentation booklet; Resource pack

Mathematics; Puzzles; Problem solving; Primary education; Secondary education; Simulation

Reinforces basic numeracy skills through a realistic simulation of a visit to a funfair. Pupils, with an amount of money to spend, must decide which stalls to visit. Each offers a mathematical problem (bonds/mathematical language) and success is rewarded with vouchers for prizes (printed pictures or puzzles)

Can be used with QWERTY or CONCEPT keyboard

7-13

Fusion

Langley, Nr. Slough: Electronic Arts Ltd; Bulldog

198-

Amiga; Atari ST; £9.99

Disk

Computer games; Computer graphics

A fast action game with 8-directional parallax scrolling; digitised music and sound effects.

Futureflip

See Evolve

Gains from trade

Hurd, Stephen; Yates, Ian; Watson, Deryn

Harlow: Longman Micro Software

1986

Computers in the Curriculum

BBC B; BBC B+; BBC Master 128; £19.50

40t; 1 disk; 1 documentation booklet; students' leaflets

Secondary education; Further education; Sixth form education; Economics

0582265592

Teaches the theory of comparative advantage in a two country, two commodity model, showing the impact of trade on resource allocation, and the possibility of gains from trade. Available in Super value pack

BBC 40t, 5.25" DFS disk

16-19

Galactic invaders

See in Games disk 1 (Amstrad).

Galileo's gun

See : Ballistics and pendulum

Game's the thing

Sheffield: COIC Software

198-

BBC B; BBC B+; BBC Master 128; BBC Master Compact; Acorn Archimedes; RM Nimbus; £25.00 Master ADFS - details from publishers

Disk

Business education; Economics; Personal and social education; Computer games; Secondary education; Sixth form education; Further education

Involves the whole class in all aspects of running football teams in a competitive league; allows for working in mixed ability groups, is flexible in terms of timing, numbers and usage. Available as part of multi-program set.

BBC B, B+, Master 128 (40t disks); Master Compact; Archimedes (3.5" disks); Nimbus (3.5" 720k). 40 or 80 track drive and colour monitor essential parallel printer advisable. 5.25" disk versions run under DFS operating system.

14-16+

Games

RCEVH (Research Centre for the Education of the Visually Handicapped)

Oldham: Northwest SEMERC

198-

BBC B; BBC B+; BBC Master 128; IBM PC and compatibles; RML Nimbus; £7.00

Disk

Special educational needs; Life skills; Infant school education; Primary education; Secondary education; Computer games

Facilitates the development of hand-eye coordination skills, encourages visually handicapped children to make maximum use of the sight they have. Features a set of bat and ball games. Using one of the input devices a ball is hit around the screen with a bat. Difficulty of task can be altered by changing size of bat or speed of ball.

BBC input via 4-way joystick or analogue joystick or user-port switches or BBC keyboard; IBM input via PC keyboard or 4-way IBM joystick or

Microsoft compatible mouse; RML Nimbus input via Nimbus keyboard, joystick or mouse
5+

Games : disk 1

Northampton: Nordis Software

198-

Games series

BBC Master; Master Compact; £11.00

Disk; user manual

Reading skills; Mathematics; Life skills; Computer graphics; Special educational needs; Computer games

Contents: Snakes and ladders (counting, decision making); Scramble (hand/eye coordination). Available in Educational software for overcoming learning disability pack. Snakes and ladders uses concept keyboard separately or in conjunction with qwerty for teacher to play with pupil

40/80t disk

Games : disk 2

Northampton: Nordis Software

198-

Games series

BBC Master; Master Compact; £11.00

Disk; user manual

Reading skills; Mathematics; Life skills; Computer graphics; Special educational needs; Computer games

Contents: Bingo (number matching); Noughts and crosses (logic and decision making). Available in Educational software for overcoming learning disability pack

40/80t disk

Games : disk 3

Northampton: Nordis Software

198-

Games series

BBC Master; Master Compact; £11.00

Disk; user manual

Reading skills; Mathematics; Life skills; Computer graphics; Special educational needs; Computer games

Contents: Death row (letter, word recognition); Simon (memory, colour recognition). Available in Educational software for overcoming learning disability pack

40/80t disk

Games : disk 4

Northampton: Nordis Software

198-

Games series

BBC Master; Master Compact; £11.00

Disk; user manual

Reading skills; Mathematics; Life skills; Computer graphics; Special educational needs; Computer games

Contents: Norvaders (Hand/eye co-ordination); SNAP (memory; decision making). Available in Educational software for overcoming learning disability pack

40/80t disk

Games : disk 5

Northampton: Nordis Software

198-

Games series

BBC Master; Master Compact; £11.00

Disk; user manual

Reading skills; Mathematics; Life skills; Computer graphics; Special educational needs; Computer games

Contents: Race Track (time and hand/eye co-ordination); Dominoes (Counting, number matching and logic). Available in Educational software for overcoming learning disability pack 40/80t disk

Games compendium

O'Donoghue, C.; Garland, D.

Plymouth: Garland Computing

1984

BBC B; BBC B+; BBC Master 128; £14.45

Disk

Computer games; Cross curriculum; Spelling; Reading skills; Mathematics; Primary education; Secondary education Geometry;

A collection of 14 games, including traditional board games (Three men's morris; Fox and geese; Ba-awa; Ming-Mang; Six men's morris; Tablut); Wordsquare (helps with spelling, word recognition); Sea-battle (helps with angle estimation); computer versions of Pick-a-pair; Pyramid patience, Casino; and 3 different versions of Dominoes. Site licences, multiple copy discounts available; details from publisher.

BBC 40 or 80t (please specify)

7+

Games of deduction : programs 1-4

Dary, J.

Gravesend: Fernleaf Educational Software Ltd

198-

BBC B (disk or cassettes); £31.26

Disk or cassettes

Language; Primary education; Secondary education; Puzzles; Problem solving; Computer games

Contents: The perfume hunter; Name the square; Find the lady; Deliver the message. Designed for use with small groups of children. Four entertaining programs providing challenging situations requiring logical thinking, interpretation of clues and deductive reasoning

8-13

Games package

Leamington Spa: SPA (Software Production Associates)

198-

BBC B; BBC B+; BBC Master; RML 380Z; RML 480Z; £10.00 RML 480Z Network £24.00

Disk

Life skills; Infant school education; Primary education; Computer games; Secondary education

Contents: Trains, a test of wits, timing and reaction, which encourages intelligent planning; Bugchase, which helps judgement, timing and quick reaction.

On RML machines use HRG if fitted.

5-16

Games programs

Lancaster: MARDIS

198-

£3.50

Disk

Special educational needs; Computer games

Contents: Snap (player presses concept keyboard when two matching cards appear on screen); Pairs (player finds matching pairs of cards by pressing appropriate squares on Concept keyboard); Dominoes (a 2 player game which follows the original game fairly closely, using Concept keyboard to select a domino); Cowboys (player operates cowboy with switch or space bar or joystick to fire upon flashing objects on screen); Snakes and ladders (player/s use(s) single switch or spacebar to throw the die and press the number of times as shown on it)

Operated with Concept keyboard; single switch or spacebar

Games with words : pack 1

Gravesend: Fernleaf Educational Software Ltd

198-

Games with words

BBC B; BBC B+; BBC Master 128; BBC Master Compact; £15.95

Disk; documentation

Language; Spelling; Primary education; Secondary education; Computer games

Contents: Lines; Chains; Make a word; Letterboxes. A collection to heighten awareness of words, their form and meaning, developing vocabulary, spelling, dictionary skills, use of a thesaurus and the meaning of words. Includes games for one or two players and provision for teacher to input data to suit specific needs.

Please state make/model of computer, network system, disk size and printer.

8-10+

Games with words : pack 2

Gravesend: Fernleaf Educational Software Ltd

198-

Games with words

BBC B; BBC B+; BBC Master 128; BBC Master Compact; £15.95

Disk; documentation

Language; Spelling; Primary education; Secondary education; Computer games

Contents: Links; Words from words; word challenge; stations. A collection to heighten awareness of words, their form and meaning, developing vocabulary, spelling, dictionary skills, use of a thesaurus and the meaning of words. Includes games for one or two players and provision for teacher to input data to suit specific needs.

Please state make/model of computer, network system, disk size and printer.

9-12+

Games with words : twin pack

Gravesend: Fernleaf Educational Software Ltd

198-

BBC B; BBC B+; BBC Master 128; BBC Master Compact; £27.95

Disk; documentation

Language; Spelling; Primary education; Secondary education

Contents: Games with words: Packs 1 and 2

Please state make/model of computer, network system, disk size and printer.

8-12+

Games, activities and investigations : volume 1

Straker, Anita; Tate, Laurie; Hirst, Angela; et al.

London: Capital Media

198-

RML 480Z; £10.00

2 disks

Primary education; Special educational needs; Computer games; Language; Mathematics; Creative writing

20 programs providing games, activities and investigations in mathematics and language. Contents: Area; Clocks; Crosses; Diagonal; Mallory; Polygon; Squares; Tiles 1; Tiles 2; Tiles 3; Count; Differ; Frogs; Lines; Numrace; Odds; Partition; Snap; Target; Tens.

RML 480Z d/s, d/d disk.

Games, activities and investigations : volume 2

Straker, Anita

London: Capital Media

198-

RML 480Z; £10.00

2 disks

Primary education; Special educational needs; Secondary education; Computer games; Language; Mathematics; Creative writing

16 programs providing games, activities and investigations in mathematics and language. Contents: Abacus; Adding; Angles; Change; Conceal; Connect; Countr; Flags; Gusintr; Master; Mtalk1; Mtalk2; Reverse; Storyline; Wordplay; Toyshop.

RML 480Z d/s, d/d disk.

5+

GammaPlot

Exeter: Minerva Software

198-

Acorn Archimedes; £69.95

Disk

Art; Computer graphics; Statistics; Information handling; Secondary education; Sixth form education; Further education

A general chart/graph plotting program, with full art package. Allows several charts on one sheet together with text/drawings. Supports line, scatter, pie, histogram, 3D histogram and text only charts; segments may be highlighted; percentages, values and labels switched on. Statistics available. Choice of text styles; shapes, patterns and borders; pen types. Data entry via keyboard or any System Delta, Gamma or Sigma file. Site licences available

RISC OS compatible

12-16+

Gapfill

See : French workshop

Gapmaster

Jones, Christopher

London: Wida Software Ltd

1987

BBC B; BBC B+; BBC Master 128; £35.00 each version MS DOS; £60.00 each version BBC Econet Level 2/3; £70.00 each version

1 disk; 1 documentation booklet

English; French; German; Spanish; Italian; Modern languages; Primary education; Secondary education; Authoring aids

185005102X

Authoring programs to enable teachers to write a scrolling text up to 100 lines, specifying elements to be gapped out and alternative correct answers. Operates both in exploratory and test modes. English; French; German; Spanish and Italian versions available.

BBC 40/80t; programs convertible by user for Master Compact. MS DOS 3.5" 5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1Mb memory & IBMulator.

8-16+

Gapmaster : a demi-mot

Jones, Christopher

London: Wida Software Ltd

1987

Gapmaster MS DOS; £60.00

1 disk; 1 documentation booklet

French; Modern languages; Primary education; Secondary education; Authoring aids

185005102X

An authoring program to enable teachers to write a scrolling text up to 100 lines, specifying elements to be gapped out and alternative correct answers. Operates both in exploratory and test modes. English; Spanish; German; and Italian versions available.

MS DOS 3.5" 5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1Mb memory & IBMulator

8-16+

Gapmaster : che aggiungo?

Jones, Christopher

London: Wida Software Ltd

1989

Gapmaster

MS DOS; £60.00

1 disk; 1 documentation booklet

Italian; Modern languages; Primary education; Secondary education; Authoring aids

185005102X

An authoring program to enable teachers to write a scrolling text up to 100 lines, specifying elements to be gapped out and alternative correct answers. Operates both in exploratory and test modes. English; Spanish; German; and French versions available

MS DOS 3.5" 5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1Mb memory & IBMulator

8-16+

Gapmaster : lueckentext

Jones, Christopher

London: Wida Software Ltd

1989

Gapmaster MS DOS; £60.00

1 disk; 1 documentation booklet

German; Modern languages; Primary education; Secondary education; Authoring aids

185005102X

An authoring program to enable teachers to write a scrolling text up to 100 lines, specifying elements to be gapped out and alternative correct answers. Operates both in exploratory and test modes. English; French; Spanish; and Italian versions available.

MS DOS 3.5" 5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1Mb memory & IBMulator.

8-16+

Gapmaster : que falta?

Jones, Christopher

London: Wida Software Ltd

1987

Gapmaster MS DOS; £60.00

1 disk; 1 documentation booklet

Spanish; Modern languages; Primary education; Secondary education; Authoring aids

185005102X

An authoring program to enable teachers to write a scrolling text up to 100 lines, specifying elements to be gapped out and alternative correct answers. Operates both in exploratory and test modes. English; French; German; and Italian versions available.

MS DOS 3.5" 5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1Mb memory & IBMulator.

8-16+

Gardening

See Joystick games 2

Gas billing system

Sladen, Paul; Phoenix, Yorick

Harlow: Longman Micro Software

198-

BBC B; BBC B+; BBC Master 128; Acorn Archimedes; £25.00 RM Nimbus/Network; £35.00

Disk; Student book; Teacher's guide; pupil worksheets

Computer studies; Secondary education; General Certificate of Secondary Education; Simulation

A simulation of a fictitious organisation "Capital Gas" with students in the roles of members of staff or customers, exploring the workings of the billing system.

BBC 40t, 5.25" DFS disk; Archimedes compatible 3.5" disk; Nimbus/Network 3.5" disk

14-16

Gas chromatography

See: Organic analysis pack

Gas density and pH and periodic table

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; BBC Compact; Electron (BBC DFS); Acorn Archimedes; RM Nimbus; £24.50 RM Nimbus network; (up to 16 machines) £45.00; (up to 16 machines) £65.00 Econet; £58.50

Disk

Chemistry; Secondary education; Sixth form education; Further education; General Certificate of Secondary Education; A Level Examinations; Simulation

Contents: Gasden (experimental simulation to find relative molecular mass of volatile liquid); pH (a titration program); Table (test on structure/value of the periodic table). Gasden and pH are designed for A level use; Table GCSE

Only specify 80t if you cannot use 40t disk

14-18

Gas laws

Harlow: Longman Micro Software

198-

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; £19.50 Econet; SJ file server; AMCOM E-Net; £30.00

Disk

Physics; Secondary education; Computer graphics

Illustrates gas laws concepts, through graphics displays of the relationship between volume, temperature, pressure and mass of an ideal gas

BBC 40t, 5.25" DFS disk; BBC 80t, 5.25" disk

13-16

Gas laws

See: Physical chemistry pack

Gas to gas diffusion

See : Particles and diffusion

Gasden

See : Gas density, pH, periodic table

Gaseous diffusion

Harlow: Longman Micro Software

198-

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; £19.50 Econet; SJ file server; AMCOM E-Net; £30.00

Disk

Physics; Secondary education; Sixth form education; Further education

Extended study of simple model of gaseous diffusion ranges from shuffling counters at random to understanding of the statistics of randomly moving up to 1m particles between two halves of a box.

BBC 40t, 5.25" DFS disk; BBC 80t, 5.25" disk

16-19

Gates

Leamington Spa: SPA (Software Production Associates)

198-

RML 380Z; RML 480Z; £15.00 RML 480Z Network; £39.00

1 disk; 1 manual; 1 set of worksheets

Electronics; Sciences; Physics; Computer studies; Secondary education

Allows students to investigate various combinations of logic gates; the operation of NAND RS and NOR RS flip flop; D-type latch and half-adder.

RML 380Z needs HRG.

14+

Gates

See: Microprimer software : pack 2

GCSE Spanish

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; Acorn Archimedes; £24.50

Disk

Spanish; Modern languages; Secondary education

A vocabulary learning and testing aid. Includes 120 files of vocabulary and phrases arranged by topics for learning and testing by multi-choice questions or direct answer. Also includes 44 regular and irregular verbs in full, with irregularities highlighted.

Only specify 80t if you cannot use 40t disks

13+

GCSE 1

See: French workshop

GCSE 2

See: French workshop

Gears and linkages

See: Technology and design : part 1

Gelsim

Wheeler, D.

Cambridge: Biosoft

198-

IBM PC/PS2 and compatibles; £99.000

Disk; manual

Sciences; Secondary education; Sixth form education; Further education; Adult education; Simulation

An agarose gel electrophoresis simulation and analysis package, performing a simulated electrophoresis of Form II DNA on the computer screen when a set of experimental conditions is specified. Provides 8 lanes holding up to 30 DNA fragments each, with running conditions in each lane able to be adjusted independently of those in other lanes. Allows banding patterns obtained under one set of electrophoresis conditions to be entered, and shows how these change when conditions are altered. Includes library of over 270 restriction digest fragment sets; 30 context sensitive pop-up help screens.

5.25" or 3.5" disk; 256K RAM minimum, DOS 2.0 or later required

11+

Gender and inequality in Britain

Giilbert, Nigel; Arber, Sara; Dale, Angela et. al

Harlow: Longman Micro Software

1985

General household survey series

BBC B; BBC B+; BBC Master 128; £45.00

Disk; teachers' book; students' book

Economics; Sociology; Politics; Secondary education; Sixth form education; Further education

058226409X (teachers' book); 0582264081 (students' book)

Allows examination of gender as a source of social and economic inequality - labour force participation of women; inequalities of income/ fringe benefits; differences in educational achievement and social mobility

BBC 40t, 5.25" DFS disk

14-18

General election 1987

Glasgow: CDG (Scotland) Ltd.

198-

BBC B; BBC B+; BBC Master 128; £15.50
Acorn Archimedes; IBM PC; RM Nimbus;
£21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

Sciences; Sociology; Databases; Secondary education; Sixth form education

1870307836

A study of the results of the election to determine the geographical distribution of political support as well as the extent of influences on voting patterns of social class, unemployment, home ownership and house prices. Structured modular work units accommodate all ability levels; integrate computer procedures and assist in the acquisition of knowledge and understanding, developing enquiry, evaluation and analysis skills, etc. Optional Epson compatible screen dump (BBC/Nimbus only) available - £7.50 (BBC); £13.50 (Nimbus). Discounts available for purchase of any two or more datapacks - details from publishers

Please state format required: BBC 40 or 80t disk; IBM PC (EGA/ECD ONLY)

14-18

General map reading

Bartholomew, Anna; Ramsay, Tony

Longbridge Deverill, Warminster: Soft Teach Educational

1986

BBC B; BBC B+; BBC Master 128; £22.00 BBC Network; £44.00

Disk; manual; reproduction keys; screen dumps; key pad; reference map

Geography; Primary education; Secondary education

0948808004

Encourages mapping and graphic skills such as symbols, grid references, direction and scale, as children answer the 100 questions on disk by manipulating a cursor around the roads/ footpaths on the four maps which closely resemble Ordnance Survey maps. Bulk purchase discount available. Additional colour reference maps available; £2.00 each.

BBC 5.25" disk

9-14

General science 1

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £17.50 BBC Master Compact; £19.70 RM Nimbus; £24.50 RM Nimbus network; (up to 16 machines) £45.00; (up to 48 machines) £65.00

Disk

Sciences; Primary education; Secondary education; Computer games; Computer graphics

Contents: Plant or animal? (a two skill-level game introducing classification); Graph making (an interactive demonstration of how a line graph is drawn); Thermo (a scale teaching program using a Centigrade thermometer); Conversions (inter-conversions between metric and imperial measures covering length, area, volume, weight, temperature and energy).

Only specify 80t if you cannot use 40t disks.

9-14

General strike

See: Conflict and compromise in history

Genesim

Wood, P.

Cambridge: Biosoft

198-

Apple II; IBM PC/PS2; BBC B; 40.00

Disk; teacher manual; 10 copies of student manual

Sciences; Simulation; Genetics; Secondary education; Sixth form education; Further education

Computer simulations of experiments in bacterial and molecular genetics. 5 programs, including quiz checking background knowledge. Topics covered include linkage determination; introduction to bacterial conjugation; mapping entire bacterial chromosome; transduction and 3-point reciprocal transduction; mRNA coding and colinearity with polypeptide sequence. Additional copies of disk or student manual available - details from publishers.

5.25 or 3.5 disk; BBC 40 or 80t disk.

Genesis

Cambridge: Software Solutions

1990

Acorn Archimedes 30/400 or A3000; £69.95 (education) £86.95

1 disk; manual

Art; Design; Language; English; Creative writing; Secondary education; Desktop publishing; Databases; Viewdata; Cross curriculum; Content free programs

A hypermedia system using the RISC OS desktop environment which provides a powerful page editor capable to display text, graphics, sound and animation. Information can be derived from other sources and linked together, true relational databases, file management and viewdata systems can be created.

Requires RIS OS; 1Mb RAM; single floppy disk drive; Compatible with hard disk (including SCSI), Econet (including File Store, SJ File servers, RISC OS disk sharer

11+

Genetic code and mutation

Garland, John M.

Plymouth: Garland Computing

1983

Biochemistry and molecular biology collection
BBC B; BBC B+; BBC Master 128; £16.00
Econet; £33.65

Disk

Biochemistry; Biology; Secondary education;
Sixth form education; Further education;
Computer graphics

Shows the nature of the genetic code;
transcription and translation processes and how
mutations occur as a result of alterations in the
DNA base sequence or structural changes in the
chromosome. Contained in Biochemistry and
Molecular biology collection. Site licences,
multiple copy discounts available; details from
publisher

BBC 40 or 80t (please specify)

16+

Genetic code tutor

Chepstow: AVP Computing

BBC B; BBC B+; BBC Master 128; Acorn
Archimedes; IBM PC and compatibles; £24.50

Disk; Booklet

Biology; Further education

An interactive simulation introducing the
following concepts : 1, the genetic code; 2,
transcription and translation; 3, point mutations;
4, the insertion of foreign DNA; 5, base addition;
6, frame shift mutations; 7, inversion mutations;
8, restriction enzymes and restriction sites

16+

Genetic drift

See: WSS biology pack 2

Genetic mapping unit

London: King's College, Chelsea

198-

Apple Macintosh II, IIc, IIe; Acorn Archimedes
(transfers under consideration); BBC B; BBC
B+; BBC Master 128; RML 380Z; RML 480Z;
RM Nimbus; IBM PC

1 disk, 1 booklet

Biology; Genetics; Secondary education; Sixth
form education; Further education; Simulation

This program deals with genetic mapping from
first principles and aims to reinforce the
students' understanding of the key topics of
linkage and crossing over. The user specifies a
series of genetic crosses and from this data builds
up a linkage map for ten genes of a hypothetical
species.

15-19

Genetics

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; Electron
(BBC DFS); £19.50 BBC Master Compact;
£21.70 Acorn Archimedes; RM Nimbus; IBM
PC and compatibles; £24.50 RM Nimbus
network; (up to 16 machines) £45.00; (up to 48
machines) £65.00

Disk

Biology; Genetics; Secondary education; Sixth
form education; Further education

5 menu driven programs; Monopun
(monohybrids) and Dipun (dihybrids) - 2 punnet
square programs; Monohybrid Cross (tallness);
Dihybrid Cross (seed shape and colour);
Experimental variation (allows bar chart
comparison of expected/theoretical results
with result that might be obtained in practice

Only specify 80t if you cannot use 40t disks
16-19

Genetics

Kenealy Jones, Ruth

London: Sussex Publications Ltd; World
Microfilms

198-

BBC; £19.95

Disk; manual

Sciences; Biology; Secondary education; Sixth
form education; General Certificate of
Secondary Education; A level examinations

Multiple choice time-based tests at 4 different
levels, with up to 200 questions on topics such
as cell ultrastructure and mitosis; meiosis;
genetic definitions; linkage and genetic
disorders; mutation; population genetics

16+

Genetics : collection 1

Garland, John M; Duncan, Keith

Plymouth: Garland Computing

1984

Genetics : collection 1

BBC B; BBC B+; BBC Master 128; £37.40
Acorn Archimedes; £40.85 Econet; £53.90

Disk

Genetics; Secondary education; Sixth form
education; Further education; Computer
graphics; Simulation

Contents: Inheritance (simulates experiments
from which properties of Mendelian inheritance
may be deduced; data may be analysed
statistically; covers hybrid cross; dihybrid cross;
incomplete dominance; collaborative genes);
Population genetics (a simulation based on the
Hardy-Weinberg Law; can be used to
demonstrate and simulate the stability of gene
pools and gene frequencies in populations
breeding at random; genetic drift; and the effect
of selection); Chromosome mapping (computer
constructs chromosome with 5 linked genes at
random locations; student has to determine
correct gene sequence by carrying out
backcrosses, noting results and calculating
percentages of recombinant types). BBC versions
available separately. Site licences, multiple copy
discounts available; details from publisher

BBC 40 or 80t (please specify)

16+

Geobase

Ferguson, Ian; University of Bath School of
Education Geobase team

Harlow: Longman Micro Software

198-

BBC B; BBC B+; BBC Master 128; £50.00 BBC
Econet; SJ file server; AMCOM E-Net; £70.00
Acorn Archimedes: details from publishers

2 disks; 4 handbooks

Geography; Statistics; Secondary education;
Sixth form education; Further education;
Databases

A database system providing for the display and
analysis of spatial variations and intervariable
relationships, through mapping, sectioning and
statistical techniques. Includes data disk on Isle
of Purbeck; allows data collected by users to be
directly interrogated.

BBC 40t, 5.25" DFS disk; BBC 80t, 5.25" disk
11-18

Geobase datadisks : American studies

Harlow: Longman Micro Software

198-

BBC B; BBC B+; BBC Master 128; BBC Econet;
SJ file server; AMCOM E-Net; £15.00

Disk

Geography; Databases; Statistics; Sociology;
Secondary education; Sixth form education;
General Certificate of Secondary education; A
level examinations

Contents: USA by state (15 variables of socio-
economic data, including density, income and
poverty, for the 50 states); US cities : Chicago
(6 variables - Black, Unemployed, Income,
College, Housing, Density - for 1960 & 1980);
US cities : Miami (same 6 variables).

BBC 40t, 5.25" DFS disk; BBC 80t, 5.25" disk
11-18

Geography data processing 1 : data presentation

Dolgellau: Science Education Software

198-

BBC B; BBC Master 128; Econet; £29.95 + VAT
RM Nimbus; Acorn Archimedes; £30.95 + VAT
Rm Nimbus Network; £45.95 + VAT

Disk

Geography; Secondary education; Data
processing; Computer graphics

Allows geographical data to be displayed in a
variety of forms. Contents: Distribution and
location maps; Time or distance series; Categorical
displays; Bivariate data graphs; Spatial displays

BBC 40t, 5.25" disk; BBC 80t, 5.25" disk; RM
Nimbus, Acorn Archimedes, 3.5" disk

Geography data processing 2 : statistical methods

Dolgellau: Science Education Software

198-

BBC B; BBC Master 128; Econet; £29.95 + VAT
RM Nimbus; Acorn Archimedes; £30.95 + VAT
RM Nimbus Network; £45.95 + VAT

Disk

Geography; Statistics; Secondary education;
Data processing; Computer graphics

Allows geographical data to be analysed by
various statistical methods. Contents: Normal
distribution; Curve fitting and regression; Chi-
squared test; Wilcoxon test; Z-test, T-test and
test.

BBC 40t, 5.25" disk; BBC 80t, 5.25" disk; RM
Nimbus, Acorn Archimedes, 3.5" disk

Geography three dimension suite

Glasgow: CDG (Scotland) Ltd.

198-

BBC B; BBC B+; BBC Master 128; £50.00
Acorn Archimedes; IBM PC; RM Nimbus;
£70.00 IBM PC; RM Nimbus network; £105.00

Disk; documentation

Geography; Databases; Primary education;
Secondary education; Further education; Adult
education; Computer graphics

185395971

Allows all data in the CDG series to be
reproduced in full colour 3D graphics. Data
can be produced as a variety of 3D images based
either on statistical or landscape data which can
be saved and/or printed.

Please state format required: BBC 40 or 80t disk; IBM PC (EGA/ECD only).

10-adult

Geological mapwork

St. Just: MJP (Michael Jay Publications)

198-

Geological mapwork

BBC B; BBC B+; BBC Master; £39.95 RML Nimbus; details from publishers

Disk

Geography; Computer graphics

Contents: Geological Mapwork 1 (Dip and strike); Geological Mapwork 2 (Apparent dip); Geological Mapwork 3 (Three point problems). Programs available separately.

BBC 40t disk unless otherwise requested.

Geological mapwork

Dolgellau: Science Education Software

198-

IBM B; BBC Master 128; Econet; £29.00 + VAT
IRM Nimbus; Acorn Archimedes; £30.00 + VAT
IRM Nimbus Network; £45.00 + VAT

IDisk

Geography; Secondary education; Computer graphics

EPackage assists students in the interpretation of all the common structures encountered on geological maps. Contents: Faults; Folds; Dips; Unconformities.

BBC 40t, 5.25" disk; BBC 80t, 5.25" disk; RM Nimbus, Acorn Archimedes, 3.5" disk

114-18

Geological mapwork 1 : dip and strike

St. Just: MJP (Michael Jay Publications)

198-

Geological mapwork

BBC B; BBC B+; BBC Master; £14.95 RML Nimbus; details from publishers

Disk

Geography; Computer graphics

A program demonstrating the concepts of DIP; Strike; and Azimuth, and their relationships to geology fieldwork. Available in pack with Geological mapwork 2 and 3.

BBC 40t disk unless otherwise requested.

Geological mapwork 2 : apparent dip

St. Just: MJP (Michael Jay Publications)

198-

Geological mapwork

BBC B; BBC B+; BBC Master; £14.95 RML Nimbus; details from publishers

Disk

Geography; Computer graphics

A program demonstrating how true dips may be obtained from apparent dips and graphically interpreting the results of field or map work data. Available in pack with Geological mapwork 1 and 3.

BBC 40t disk unless otherwise requested.

Geological mapwork 3 : three point problems

St. Just: MJP (Michael Jay Publications)

198-

Geological mapwork

BBC B; BBC B+; BBC Master; £14.95 RML Nimbus; details from publishers

Disk

Geography; Computer graphics

A program teaching basic mapwork calculations and drawing strike lines for any 3-point problems in field and map work. Available in pack with Geological mapwork 1 and 2.

BBC 40t disk unless otherwise requested.

Geology quizmaster

St. Just: MJP (Michael Jay Publications)

198-

BBC B; BBC B+; BBC Master; £14.95 RML Nimbus; details from publishers

Disk

Geography; Computer graphics; Puzzles; Problem solving; General Certificate of Secondary Education; A level examinations; Secondary education; Sixth form education; Further education

Part 1 is a comprehensive suite of questions on earth structure, crystals, minerals, igneous, metamorphic and sedimentary processes and rocks; plate-tectonics; fossils and their uses, stratigraphy, structures and mapwork. Part 2 is a quiz in the form of an oil exploration gamble.

BBC 40t disk unless otherwise requested.

16+

Geomapping

Read, Andrew

Longbridge Deverill, Warminster: Soft Teach Educational

1989

BBC B; BBC B+; BBC Master 128; £20.00

Disks; manual; overlays

Geography; General Certificate of Secondary Education; Secondary education; Computer graphics

0948808012

Allows student to construct a 3D landscape model from contour maps; to place colour overlays to illustrate relationships between vegetation/landscape, etc; to edit landscape, build up pictures of landscape changes; to view cross sections; to print out screens. Bulk purchase discount available.

BBC 5.25" disk; files can be passed over to Apple Mac systems using Screen)Mac (available from Human-Computer Interface Ltd)

11-16

Geomat : transformation geometry

Leamington Spa: SPA (Software Production Associates)

1988

RM Nimbus £19.00 BBC B; BBC B+; BBC Master; RML 380Z; RML 480Z; £16.00 RML 480Z Network £42.00 RM Nimbus Network £45.00

1 disk; 1 documentation booklet; 1 installation instruction sheet; Teaching notes; Worksheet masters

Mathematics; Geometry; Primary education; Secondary education;

Provides a full treatment of transformation geometry, including rotation, translation, reflecting, shearing, stretching, enlarging figures. Is suitable either for teacher demonstration or unaided pupil investigation.

RML 380Z needs HRG

8-16

Geometric isomerism

See : Basic organic chemistry

Geometrical shapes

Backwell, Bristol: Arrowsoft Educational Software

198-

BBC B; £12.50

Disk

Mathematics; Geometry; Computer graphics; Primary education

5 programs based on some of the shapes found in geometry, including angles, triangles, quadrilaterals, polygons and circles. Useful teaching and revision aid.

8+

Geometrix

Sancha, Tom

Wisbech, Cambridgeshire: esm

198-

BBC B; BBC B+; BBC Master 128; £35.00 BBC Network; £75.00

Disk; teacher's guide; introduction for students; worksheets; reference manual

Mathematics; Geometry; Craft, design, technology; Sciences; Secondary education; Sixth form education; Further education

An electronic drawing board for making precise constructions using circles line and angles. Displays measurements of up to six decimal places. A powerful digital ruler automatically finds intersections, tangents and other geometric constructions

BBC 5.25" disk; BBC Network

12-18

Geomorphology field study techniques

Hall, Graham

Dolgellau: Science Education Software

198-

BBC B; BBC Master 128; Econet; £18.95 + VAT
RM Nimbus; Acorn Archimedes; £19.95 + VAT
RM Nimbus Network; £34.95 + VAT

1 disk; 1 documentation booklet; 1 card

Geography; Secondary education; General Certificate of Secondary Education; A level examinations; Sixth form education; Computer graphics; Data processing

Covers: Beach sediment sampling; Circular graphs for data display; Topographic surveys by levelling; Geological graphic log plotting; Stereographic projections; Valley profile plotting; Regression statistics; River form and discharge; Sediment sieving; Sediment shape analysis.

BBC 40t, 5.25" disk; BBC 80t, 5.25" disk; RM Nimbus, Acorn Archimedes, 3.5" disk

14-18

Geordie racer

Smith, Peter

London: ILECC (Inner London Educational Computing Centre)

1989

RM Nimbus stand alone; £13.00; RM Nimbus network; £30.00

1 disk; 1 handbook

English; Reading skills; Mathematics; Primary education; Adventure simulation; Cross curriculum; Special educational needs

This disk has ten adventure games based on the BBC broadcast 'Look and read' and offers children development in their reading skills and problem solving ability. The BBC version of this program is available from BBC Soft, BBC Enterprises

7-9+

Geordie racer (BBC version)

Smith, Peter

London: BBC Enterprises /Longman-Logotron 1989

Look and read

BBC B; BBC B+; BBC Master 128; BBC Master Compact; £16.50

1 disk; 1 booklet

Language; Reading skills; Mathematics; Problem solving; Primary education; Adventure simulation

0563228741. 0563229071 - Master Compact version

An adventure game requiring the user to play detective and find stolen treasure. It is played round a series of numeracy and literacy exercises as well as drawing strongly on logic and memory. RML versions of this program are available from ILECC/ILEA.

7-9

Gerard Manley Hopkins : selected poems

Jones, Mel (ed.)

Bangor: Akadimias

198-

Tutor series : English Literature - set texts

BBC B; BBC Master 128; Econet levels 2 & 3; Acorn; RM Nimbus PC 186; RM Nimbus AX series; Nimbus network; Amstrad 6128 & PCW; IBM PC compatible; £25.00 (includes site licence for up to 10 terminals)

Disk; study booklet; reading list

English literature; Secondary education; Sixth form education; Further education; A level examinations

A program to test student knowledge with questions in a multiple choice format, in either a random or sequential order, and with various user selectable time-bases against which the test may be taken. Facilities for revision; sequential, random test modes; with four time based skill levels in each test mode. Discounts available: details from publisher

BBC 40 or 80t disk (please specify). Acorn DFS & ADFS; RM Nimbus 3.5" disk; Amstrad disk; IBM P C 5.25" or 3.5" disk (please specify).

16+

Gerber file creator

Maidstone: Microspot

198-

Douglas CAD/CAM professional system

Apple Macintosh; details from publisher

Disk

Computer assisted design; Design; Craft, design, technology; Engineering; Electronics

Reads a Douglas CAD/CAM layout file to drive a Gerber or Gerber-compatible photoplotter.

Operates on a Macintosh Plus; but a 2MB Macintosh II is recommended.

German clues : feste feiern

ITMA

Harlow: Longman Micro Software

198-

BBC B; BBC B+; BBC Master 128; c.£30.00

Disk

Modern languages; German; Secondary education

Authentic texts based on traditional German festivities, ranging from instructions on creating Easter egg animals to discussion of newspaper reports, and horoscopes, are used in a variety of ways. Other authentic texts can easily be used also.

BBC 40t, 5.25" DFS disk.

12-14

German master : levels A and B

Dunstable: Kosmos Software Ltd

198-

Amstrad CPC (3.0" disk); Amstrad PCW (3.0" disk); Spectrum Plus 3 (3.0" disk); Atari ST (3.5" disk); IBM PC & compatibles (3.5"/5.25" disk); £19.95 Amstrad CPC (cassette); £16.95

Disk/cassette

Modern languages; German; English (second language); Secondary education; Sixth form education; Further education; Adult education

Includes extensive vocabulary lists arranged as a series of lessons, each covering a different subject. Sophisticated tuition control allows lessons to be modified to individual requirements. Features self-teach display and self-test modes and facilities for lesson creation/editing.

State whether disk/cassette required and computer type

11+

German master : level A only

Dunstable: Kosmos Software Ltd

198-

BBC B; BBC B+; BBC Master; Acorn Electron; Spectrum; Amstrad CPC (cassette) £8.95 BBC B; BBC B+; BBC Master; (5.25" disk) £9.95 Spectrum Plus 3 (3"0" disk); £10.95 Amstrad CPC (3.0" disk); £12.95

Disk/cassette

Modern languages; German; English (second language); Secondary education; Sixth form education; Further education; Adult education

Includes extensive vocabulary lists arranged as a series of 16 lessons, on subjects including the family; foods; vehicles; shops; substances; clothes, etc. Sophisticated tuition control allows lessons to be modified to individual requirements. Features self-teach display and self-test modes and facilities for lesson creation/editing.

State whether disk/cassette required and computer type

11+

German master : level B only

Dunstable: Kosmos Software Ltd

198-

BBC B; BBC B+; BBC Master; Acorn Electron; Spectrum; Amstrad CPC (cassette) £8.95 BBC B; BBC B+; BBC Master; (5.25" disk) £9.95 Spectrum Plus 3 (3"0" disk); £10.95 Amstrad CPC (3.0" disk); £12.95

Disk/cassette

Modern languages; German; English (second language); Secondary education; Sixth form education; Further education; Adult education

Includes extensive vocabulary lists arranged as a series of 16 lessons, on general vocabulary, adjectives, prepositions & conjunctions, adverbs and fully conjugated verb lists in 5/6 tenses. Sophisticated tuition control allows lessons to be modified to individual requirements. Features self-teach display and self-test modes and facilities for lesson creation/editing.

State whether disk/cassette required and computer type.

11+

German sentence building

Johnston, Ian

Blairgowrie: Locheesoft

1986

BBC B; BBC B+; BBC Master 128; BBC Networks; £19.50 BBC Econet Level 2/3; £39.00

Disk

Modern languages; German; Primary education; Secondary education; Sixth form education; Further education; Content free programs

0947584374/498

Aids understanding of the rules of German word order in main clauses - user has to rearrange given constituents of clauses, with help/correction as appropriate. Single key input. Facility for teacher input words/phrases

BBC 40t s/d DFS disk; will also run on ADF or Network

7+

German strong verbs

Last, Rex W.

Blairgowrie: Locheesoft

198-

BBC B; BBC B+; BBC Master 128; BBC Networks; £19.50 BBC Econet Level 2/3; £39.00

Disk

Language; Modern languages; German; Primary education; Secondary education; Sixth form education; Further education

094758434X/51X

A non-contextualised package for testing strong and mixed verbs at different levels. Includes dictionary look-up and full tense listings

BBC 40t s/d DFS disk; will also run on ADF or Network

7+

German test case

Percival, W.

Sheffield: Pavic Publications

198-

BBC B; £11.95

Disk or cassette

Modern languages; German

A suite of programs and tests on German cases

BBC 40t or 80t disk; BBC cassette

German verbs

Carr, Michael

Harlow: Longman Micro Software

1988

BBC B; BBC B+; BBC Master 128; £27.50 BBC Econet levels 2 & 3; SJ file server; AMCOM E-Net; £37.00

Disks; 1 documentation booklet

German; Modern languages; Secondary education; Sixth form education; Further education

05822772355

A reference and testing program for German verbs, covering all tenses. Reference section permits the learner to look up any verb in any tense; Testing phase includes four sample tests with up to 20 verbs tested alone and in sentences; and a test generator program allowing teacher-written tests.

1 BBC 40t, 5.25" DFS disk; BBC 80t, 5.25" disk

111-18

Germany and the origins of the Second World War : a study in causation

Brighton: Tressell Publications

1198-

BBC B; BBC B+; BBC Master 128; BBC Master Compact; Econet; £20.00

Disk; documentation (4 pupil user guides; teachers' notes; 2 copies book "Hitler and Nazi Germany" and study notes)

History; Politics; Secondary education; Sixth form education; General Certificate of Secondary Education; Simulation; Computer graphics; Puzzles; Problem solving

0907586708

The program reconstructs events leading to the outbreak of war in 1939. Pupils, in the role of an official in the German Foreign Ministry, assess the aims of German foreign policy with regard to the Saar, the demilitarised Rhineland, Austria, Germans in the Sudetenland of Czechoslovakia, Danzig and the Polish Corridor, and consider the actions necessary in each case to achieve these aims. Includes book "Hitler and Nazi Germany". Also available in pack with Germany between the Wars @ £35.00 + VAT or: the two

3 BBC 40/80t disk; 80t disk can be transferred to Econet levels 2 & 3

4-17

Germany between the wars : a study in depth

Brighton: Tressell Publications

98--

BBC B; BBC B+; BBC Master 128; BBC Master Compact; Econet; £35.00

Disks; documentation (2 sets of 4 pupil user guides; 2 teachers' notes; 4 copies of book "Hitler and Nazi Germany" and study notes)

History; Sixth form education; Secondary

education; General Certificate of Secondary Education; Simulation; Computer graphics; Puzzles; Problem solving

0907586716

Contents: The rise of Nazi Germany (a study in empathy); Germany and the origins of the Second World War (a study in causation).

BBC 40/80t disk; 80t disk can be transferred to Econet levels 2 & 3

14-17

Getting into print

Maxted, Derek

Newport, Lincoln: MEDUSA

198-

BBC B; BBC B+; BBC Master; £10.00

Disk; Documentation

Desktop publishing; Word processing

Enables a newspaper day to be organised and run; reviews publishing techniques which can be utilised on BBC computer: word processing; printer drivers; font packages; desktop publishing

Getting the most from Lotus 1-2-3 database

Remenyi, Dan

Barnet: Glentop Press Ltd

198-

IBM PC and compatibles; £22.50

Disk; book

Computer studies; Databases; Spreadsheets; Secondary education; Further education; Adult education

1851811850

An in-depth guide to the database aspects of Lotus 1-2-3, covering each option on the /D menu, using practical examples and databases throughout. Explains and applies the database '@D' functions. Develops macro utility to produce flexible data input form to assist in the creation of a database and the controlled entering of data. Assumes a knowledge of spreadsheet use. Disk available separately, £9.95. Book available separately, £14.95.

16+

Getting the most from Wordstar

Nugus, S.; Remenyi, Dan

Barnet: Glentop Press Ltd

198-

IBM PC and compatibles; £12.50

Disk; Book

Word processing; Business education; Secondary education; Further education; Recordkeeping; Schools; Educational administration; Adult education

1851811656

Includes a step-by-step tutorial on creating, editing and printing documents, with exercises and self-tests. Provides access to some of the more powerful WordStar facilities, and how to apply them in a wide range of documents and environments. Disk available separately, £6.00; Book available separately, £8.50.

16+

GFA assembler

Barnet: Glentop Press Ltd

198-

Atari ST; £49.95

Disk

Computer studies; Computer programming; Programming languages; Secondary education; Further education

185181213X

An assembler and linker in one package, plus a free-standing debugger. Provides total compatibility with the GFA compiler. Follows in input intelligently, trapping many syntax errors; converts abbreviated commands into standard form; automatically formats the input; provides clear error messages. Provides screen-splitting; block and search functions. Complex printer output modes and multiple user-defined keys available

Runs on both colour and monochrome STs. Works with the mouse

16+

GFA Basic : advanced programming (Basic 2)

Ostrowski, Frank

Barnet: Glentop Press Ltd

198-

Atari ST

Disk; book

Programming languages; Computer programming; Computer studies; Secondary education; Further education; Adult education

1851811710

Explores the use of GFA Basic to the full, covering program optimisation, techniques of redesign, graphics, dialog box, Gemdos, Bios and Xbios commands; library applications; resources files, windows. Disk available separately, £8.50. Book available separately, £15.95.

16+

GFA Basic : system 2

Barnet: Glentop Press Ltd

198-

Atari ST; £49.95

Disk; manual

Programming languages; Computer programming; Computer studies; Secondary education; Further education; Adult education

1851812237

A high-speed Basic implementation with built-in user-friendly editor, 11 digit maths precision, supporting number and alpha-numeric labels and procedures with local variables, recursive procedures with parameter passing and loops. Includes GFA Basic 2 compiler to produce compact, high-speed transportable 680000 object code. Compiler available separately at £24.95.

16+

GFA Basic version 3 interpreter

Barnet: Glentop Press Ltd

198-

Atari ST; £65.00

Disk; manual

Programming languages; Computer studies; Data processing; Secondary education; Further education; Adult education

1851811869

Contains more commands, is faster, has a better

editor and is compatible with earlier Basic 2 interpreter. Features include Editor (delete/restore lines; block mark, copy; move & delete; find and replace; trace and dump) Structure (procedures, variables, loops, multi-line functions); Data types (Boolean, Byte, Word, Long-word; Floating point); Commands (Bit operations; Line-A; AES- routines; Windows; VDI calls; Interrupts).

16+

GFA Basic 3 : software

Engels, G.P.; Goergens, M.C.

Barnet: Glentop Press Ltd

198-

Atari ST; £19.50

Disk; book

Programming languages; Computer studies; Secondary education; Further education; Adult education

Explores GFA BASIC in depth, working through programs for comprehensive applications. Disk available separately £8.50. Book available separately £12.50.

16+

GFA draft

Barnet: Glentop Press Ltd

198-

Atari ST; £99.95

Disk; documentation

Computer studies; Computer assisted design; Craft, design, technology; Secondary education; Further education; Adult education

1851811532

A Gem-based 2D CAD package, for applications such as circuits, scaled technical drawings, designs and plans. Fully linked to GEM. Extensive use of ready made symbols and shapes; draws to either inches or millimetres; allows symbols/picture elements to be rotated, skewed and reflected; corners to join straight lines, verticals, automatic scaling, arcs through 3 points; 255 draw levels - up to 10 can be shown simultaneously; window facilities. Outputs to wide range of printers and plotters.

Works with the mouse.

16+

GFA draft plus

Barnet: Glentop Press Ltd

198-

Atari ST; £139.95

Disk

Computer assisted design; Craft, design, technology; Computer studies; Secondary education; Further education; Adult education

1851811664

As GFA draft, but with additional features including: drawing board size of 1300mm x 1300mm; macro language for automatic creation of drawings; additional manipulation programs; element status functions; additional co-ordinate scheme (Polar); ability to create parallels; lengthening/shortening of lines; font size and type variability; variable plotting rate; faster redrawing, etc. Upgrade from GFA draft; £40 on return of original disk and documentation.

Works with the mouse.

16+

GFA draft plus - PC

Barnet: Glentop Press Ltd

198-

IBM; Amstrad PCs and compatibles (512K); £75.00

Disk; documentation booklet

Computer assisted design; Craft, design, technology; Art; Design; Computer graphics; Secondary education; Further education; Adult education

1851811818

Provides a comprehensive 2-D CAD program to assist in the creation of a drawing and its printing via an extensive number of printer and plotter drivers included with the package. Includes copy of Digital Research's GEM (Version 2.2). Facilities include rotation, skewing, etc. of symbols and picture elements; running in inches mm, metres; arcs through 3 points; corners to straight lines; 255 drawing planes - 10 displayed simultaneously; hatching of chosen area; file transfer to Ventura and other DTP packages.

16+

GFA floppy speeder

Barnet: Glentop Press Ltd

198-

GFA utility series

Atari ST; £24.95

Disks

Utilities

1851812164

A time-saving package, increasing disk operating speed, by up to a factor of 20; especially effective with programs carrying out repeated disk access. Includes a reset-proof RAM-disk.

16+

GFA GEM Autostarter

Barnet: Glentop Press Ltd

198-

GFA utility series

Atari ST; £24.95

Disk

Utilities

1851812172

Allows up to 10 GEM programs to be started automatically from the auto file.

16+

GFA raytrace

Barnet: Glentop Press Ltd

198-

Atari ST; £49.95

Disk

Computer studies; Computer assisted design; Craft, design, technology; Secondary education; Further education; Adult education

1851811915

Allows user to create a 3D scene, specifying colours/patterns of background; objects (from 11 standard forms) to appear in scene; type, intensity and position of illumination. Built-in editor facility. Scenes can be incorporated into an animation sequence, and sequences used by other Atari users through the run-only Film interpreter supplied.

16+

GFA vektor

Barnet: Glentop Press Ltd

198-

Atari ST; £34.95

Disk

Utilities; Computer graphics; Computer programming; Computer studies;

1851811540

An extension of GFA Basic, enabling 3D graphics to be created and manipulated, as well as animation using GFA Basic programs. It allows objects to be defined by co-ordinates by means of the triple-window screen using mouse to draw the object in each axis. Objects may be recalled from disk and scaled or animated using GFA Basic.

16+

Ghost scene

See : Marthamateg (Mousematics Cymraeg); Mousematics number bonds; Clwyd Technia

GhostFonts : laserWriter fonts

Glasgow: Persona TMC Ltd

198-

GhostFonts

Apple Macintosh; £45.00

Disk

Utilities

Downloadable fonts, producing background shaded text on standard Laser Writer fonts. Available in a range of titles.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

GhostFonts : laserWriter plus fonts

Glasgow: Persona TMC Ltd

198-

GhostFonts

Apple Macintosh; £89.00

Disk

Utilities

Downloadable fonts, producing background shaded text on standard Laser Writer fonts. Available in a range of titles.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

GhostFonts : laserWriter II NT fonts

Glasgow: Persona TMC Ltd

198-

GhostFonts

Apple Macintosh; £89.00

Disk

Utilities

Downloadable fonts, producing background shaded text on standard Laser Writer fonts. Available in a range of titles.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Ghosts

See: Teaching with a micro : maths 4

Giant killer

Kilworth, Peter

Peterborough: Topologika

1987

BBC B; BBC Master 128; BBC Master Compact; £19.50 CPC; PCW; Spectrum +3; £14.95 Amstrad; IBM PC; RM Nimbus; Acorn Archimedes/A3000; £17.50

Disk; worked solution; information booklet; Player's guide; puzzle clue sheets

Adventure simulation; Computer games; Mathematics; Primary education; Secondary education

A mathematics adventure game, loosely based on Jack and the Beanstalk, which involves solving mathematical puzzles, including calculator work, spatial investigations, topology, tessellation, mapwork etc. to attain the maximum score for successfully finding the giant and all the treasures.

14+

Ginn language chip and reading 600 sampler disk

Spiegelman, Bryan; Clesen, Duncan; Hamlett, Andrew et.al

Aylesbury: Ginn & Co Ltd

1985

3860

BBC B; BBC B+; BBC Master; £40.00

2 disks; (1 demonstration disk, 1 sampler disk); ROM Ginn language chip; 1 users' manual

Language; English; Reading skills; Primary education; Utilities

6002251184

This is a 'Read Only Memory' chip which fits into a socket inside the BBC microcomputer. Used with special text-bearing disks (Reading 600 level 7-13 disks), it enables a range of cloze-type reading activities to be carried out by children working individually or in groups

Ginn language chip (16K EPROM) is required for good text handling

13

Ginn mathematics : level 1 and 2 microcomputer software

Aylesbury: Ginn & Co Ltd

1987

Ginn Mathematics

BBC B; BBC B+; BBC Master; £37.50

1 disk; 1 booklet

Mathematics; Sciences; Infant school education; Primary education

602246415

The program is concerned with counting and addition of single digit numbers and later it provides a three level of difficulty option. Reinforcement and additional exercises can be used from the 'Teachers' resource book' as part of the resources available in this series

7

Ginn mathematics : level 3 microcomputer software

Aylesbury: Ginn & Co Ltd

1987

Ginn Mathematics

BBC B; BBC B+; BBC Master; £20.50

1 disk; 1 booklet

Mathematics; Sciences; Infant school education; Primary education

602246423

The program is designed to provide practice in addition for infant and junior school children with three levels of difficulty and graphical assistance

6-8

Ginn mathematics : level 4 microcomputer software

Aylesbury: Ginn & Co Ltd

1987

Ginn Mathematics

BBC B; BBC B+; BBC Master; £21.50

1 disk; 1 booklet

Mathematics; Sciences; Primary education

602246113 (BBC disks)

The program can be used with the resources of the series to reinforce the exercises included in books and cards

8-9

Ginn mathematics : level 5 microcomputer software

Aylesbury: Ginn & Co Ltd

1987

Ginn Mathematics

BBC B; BBC B+; BBC Master; £21.50

1 disk; 1 booklet

Mathematics; Sciences; Primary education

60224613X; (BBC disks);

This program gives an additional reinforcement and enrichment material to the series with three levels of difficulty and an option for graphics assistance with the calculations

9-10

Ginn mathematics : level 6 microcomputer software

Aylesbury: Ginn & Co Ltd

1987

Ginn Mathematics

BBC B; BBC B+; BBC Master; £21.50

1 disk; 1 booklet

Mathematics; Sciences; Primary education

602246156 (BBC disks)

The program is designed to provide reinforcement and enrichment to the series of exercises on cards and in textbooks

10-11

Ginn mathematics : level 7 microcomputer software

Aylesbury: Ginn & Co Ltd

1987

Ginn Mathematics

BBC B; BBC B+; BBC Master; £21.50

1 disk; 1 booklet

Mathematics; Sciences; Secondary education

Educational Software GHO - GLO

602246172 (BBC disks)

The program provides reinforcement and enrichment material to the series resources.

11-12

Girl

See: Basic package

Girls

See: Basic package

Gladstone and Disraeli

Derham, Patrick

Bangor: Akadimias

198-

Tutor series : British and European history

BBC B; BBC Master 128; Econet levels 2 & 3; Acorn; RM Nimbus PC 186; RM Nimbus AX series; Nimbus network; Amstrad 6128 & PCW; IBM PC compatible; £25.00 (includes site licence for up to 10 terminals)

Disk; study booklet; reading list

History; Secondary education; Sixth form education; Further education; A level examinations

A program to test student knowledge with questions in a multiple choice format, in either a random or sequential order, and with various user selectable time-bases against which the test may be taken. Facilities for revision; sequential, random test modes; with four time based skill levels in each test mode. Topics are : Gladstone's early years; Disraeli's early years; the Second Reform act; Gladstone's first ministry; Disraeli's second ministry; foreign and imperial policy; Ireland before 1885; Ireland after 1885. Discounts available: details from publishers.

BBC 40 or 80t disk (please specify). Acorn DFS & ADFS; RM Nimbus 3.5" disk; Amstrad disk; IBM PC 5.25" or 3.5" disk (please specify).

16+

Glasgow online

Glasgow: University of Strathclyde, Department of Information Science

198-

Apple Macintosh; details from publishers

Disk

Databases; Geography; History; Sociology

A 16Mb HyperCard stack database of text, graphics, sound and pictures providing an overview of Glasgow. Includes information on business and commerce; history and people; places of interest; leisure; accommodation; sport; services; shopping; local government. Annual updating of information anticipated.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Glass

See: Graphics

Global statistics : Quest

Hudson, Brian

Doncaster: RESOURCE

1988

BBC B; BBC Master 128; £21.95

1 disk; teacher documentation; Global problems questions; Global problems answers

Computer studies; Mathematics; Economics; Statistics; Databases; Information handling; Geography; Sociology; Secondary education

A data file containing social and economic statistics for 126 countries, which can be used for interrogation, comparison and topic work. LEA/Regional licences and bulk purchase discount available

BBC 5.25" 40t DFS; 80t DFS available - £1.50 surcharge per disk
13+

Global statistics : DIYbase

Hudson, Brian

Doncaster: RESOURCE

1988

BBC B; BBC Master 128; £21.95

1 disk; teacher documentation; Global problems questions; Global problems answers

Computer studies; Mathematics; Economics; Statistics; Databases; Information handling; Geography; Sociology; Secondary education

A data file containing social and economic statistics for 126 countries, which can be used for interrogation, comparison and topic work. LEA/Regional licences and bulk purchase discount available.

BBC 5.25" 40t DFS; 80t DFS available - £1.50 surcharge per disk
13+

Global statistics : Find

Hudson, Brian

Doncaster: RESOURCE

1988

BBC B; BBC Master 128; £21.95

1 disk; teacher documentation; Global problems questions; Global problems answers

Computer studies; Mathematics; Economics; Statistics; Databases; Information handling; Geography; Sociology; Secondary education

A data file containing social and economic statistics for 126 countries, which can be used for interrogation, comparison and topic work. LEA/Regional licences and bulk purchase discount available.

BBC 5.25" 40t DFS; 80t DFS available - £1.50 surcharge per disk
13+

Globetrotter plus

Kennewell, Steve.

Bromsgrove: Kite Educational Software

1990

RM Nimbus; RM Nimbus network; £20.00 (£10.00 to upgrade from version 1)

Disk; teachers' notes; printed resource materials

Cross curriculum; Mathematics; Geography; Information handling; Primary education; Secondary education; Simulation;

Simulates travel around the world, giving information depending on user choices, and recording user progress. Requires planning and research using non-computer resources. Allows teachers/pupils to create own maps, pictures, places, tasks and resource lists.

9-17

Glycolysis and TCA cycle

Garland, John M.

Plymouth: Garland Computing

1984

Biochemistry and molecular biology collection

BBC B; BBC B+; BBC Master 128; £16.00 Econet; £33.65

Disk

Biochemistry; Biology; Secondary education; Sixth form education; Further education; Computer graphics

Shows the conversion of a glucose molecule to pyruvate by the reactions of glycolysis, and the subsequent cycle reactions of the TCA cycle; molecules may be labelled to show the fate of different carbon atoms; speed of reactions may be chosen by user. Contained in Biochemistry and molecular biology pack. Site licences, multiple copy discounts available; details from publisher

BBC 40 or 80t (please specify)

16+

Go for it!

Bartholomew, Anna; Ramsay, Tony

Longbridge Deverill, Warminster: Soft Teach Educational

1988

BBC B; BBC B+; BBC Master 128; £17.50 RM Nimbus 186 (1Mb) MS/DOS; £18.50 Econet; £35.00

Disk; manual

Home economics; Biology; Nutrition; Personal and social education; Primary education; Secondary education; Computer games; Computer graphics

0948808802

Based on the BBC TV health programme "Go for it". Aims to encourage healthier eating habits. Food items (fat, sugar, fibre, salt) are classified by the BBC points system and can be edited according to seasonal, regional and national variations. Deals also with alcohol and smoking. Includes record system for class of 40 over a number of sessions. Full printout facilities. Bulk purchase discount available.

BBC 5.25" disk; RM Nimbus 3.5" disk
8-16

Goal seeking or backward iteration

Nugus, S.; Remenyi, Dan

Barnet: Glentop Press Ltd

1989

Templates for Lotus 1-2-3 and Lotus symphony

IBM PC and compatibles; £50.00

Disk

Business education; Information handling; Statistics; Computer graphics; Secondary education; Further education; Adult education

Allows users to load own model into Lotus 1-2-3, specifying up to 3 variables on which goal seeking is required. An objective is specified and the system requests the variable values required to attain it

5.25"/3.5" disk

16+

Goblin winter

Glasgow: Collins Educational; Holmes McDougall Educational Publishing

198-

Adventures in English

BBC; £29.50

Disk; documentation; spiritmaster works

English; Physical education; Art; Craft; technology; Music; Home economics; Reading skills; Creative writing; Cross curriculum; school education; Primary education; Computer games

0715725270

Directly related to the English Alive programme. Develops listening, speaking, reading and comprehension skills. Based on the theme of mischievous goblin.

6-8

Godfrey

Faithorn, Sue; Blow, Frances; Watson, David et al.

Harlow: Longman Micro Software

1986

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; Acorn Archimedes; £19.50 BBC Econet levels 2 & 3; file server; AMCOM E-net; RM Nimbus Network; £30.00

1 disk; 1 documentation booklet; students' leaflets; 1 running sheet

History; Secondary education; Information handling; Sociology

0582272467

Investigates circumstances surrounding the death of Sir Edmund Godfrey who was strangled in 1678, at the beginning of the Titus Oates Plot.

BBC 40t, 5.25" DFS; BBC 80t, 5.25"; Nimbus Network 3.5"; Archimedes compatible 3.5" disk
13-16

Going along

See: Blob 2

Going places

Hatfield: Widgit Software

198-

BBC B; BBC B+; BBC Master; £35.00

6 disks

Preschool education; Infant school education; Primary education; Special educational needs; Computer games

13 graded games, each at 3 developmental levels provide an integrated series of activities on the theme of a "day out", to stimulate discussion and memory skills. Contents: Where shall we go; What to wear; What to take; How to get there; What shall we do (at the beach; the party; the shops)

Can be adapted for use by a number of input devices, including switches used with an interface box such as Access 3 or Micrex ads. Can be used with Concept keyboard, Micro: 5+

Going solo : budgeting

Sheffield: COIC Software

198-

BBC B; BBC B+; BBC Master 128; £17.50

Disk; user's guide; teacher's notes; wallchart; Mathematics; Life skills; Special educational needs

Designed to help students with learning difficulties to learn about priority areas in their budgeting, by providing more personal, individual learning situations.

BBC B, B+, Master 128 (40t or 80t disks); 40 or 80 track drive and colour monitor essential; parallel printer advisable. 5.25" disk versions run under DFS operating system. Networkable.

16+

Golden eagle

Morris, Steve

Cambridge: Cambridge Micro Software

198-

BBC B+; BBC Master; £17.50

1 disk (40/80t); 1 teacher's handbook

Ecology; Problem solving; Primary education; Secondary education; Simulation

0521300002

Simulated running of wildlife reserve with aim of doubling golden eagle population.

Golden spring

Dean, G.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1984

BBC B; RM Nimbus; £4.00

Disk; Documentation; Worksheets

Geography; Creative writing; Computer games

Pupils unearth buried treasure from an uninhabited island, and reinforce the following vocabulary: estuary, source, confluence and tributary. Program encourages use of maps for reference and may be used as a stimulus for creative writing.

Good health

London: ITV Schools

1990

BBC B; BBC B+; BBC Master 128; £15.00

1 disk

Nutrition; Home economics; Primary education; Simulation; Information handling; Computer graphics

Contents: Healthy eating (a simulation game in which users must plan their survival by selecting from the food options and camp sites available on an island. Includes information on nutritional content of familiar foods and analyses their selection diet by bar charts and summaries); Keeping safe (users plan shortest but safest route home. Includes 10 tables of road accident statistics affecting children). Associated ITV Schools programme: Good health. Can be linked to National curriculum AT's in the three core subjects plus Science AT's and Geography

5.25", DFS

8-11

Goods on the move

See: How we used to live : 1926-1953

Gore point

Kent, J.W.

Plymouth: Garland Computing

1983

Seashore ecology

BBC B; BBC B+; BBC Master 128; £13.85 Econet; £33.00

Disk

Ecology; Secondary education; Sixth form education; Further education; Simulation

A simulated distribution of a smaller number of species than in Littoral zonation, but with more options, allowing the investigation of the effects of salinity, desiccation and exposure on distribution. Contained in Seashore ecology disk collection. Site licences, multiple copy discounts available; details from publisher

BBC 40 or 80t (please specify)

16+

Gowest

198-

See: Kilnwood and Gowest

GPB-SE

Newbury: National Instruments

198-

Apple Macintosh; £367.00 - £960.30

Disk

Sciences; Utilities; Data processing; Information handling; Control technology; Engineering

A full-function IEEE-488 interface, allowing a Macintosh SE to become an IEEE-488 instrument controller, for numerous data acquisition and control applications - e.g. laboratory testing; process monitoring/control; automated testing and measurement. Can monitor/control up to 13 engineering, scientific or medical instruments. Uses gate array technology; FIFO buffering techniques and support for Labview, and conventional programming languages. Optional extras available - e.g. MC68881 numeric coprocessor; D(A controller providing 1Mb per second I/O performance.

For Macintosh SE.

Grade 8 aural

Chepstow: AVP Computing

198-

BBC B+; BBC Master 128; BBC Master Compact; £24.50

Disk

Music; Secondary education; Sixth form education; Further education

Aimed to help those training for the RSM final grade examination, covering all five parts of the aural test, with examples taken at random from library files

Only specify 80t if you cannot use 40t disks

15+

Graded French

See : French workshop

Gradient

See: Graphic calculus 1 : differentiation

Gradients

See: Graph Capers : junior pack

Grafik and Chauffeur

Harrogate: Nidd Valley Micro Products Ltd.

Educational Software GOL - GRA

198-

BBC B; BBC B+; BBC Master 128; BBC Master Compact; £13.00 BBC B; BBC B+; BBC Master 128; BBC Master Compact; (with Digimouse) £43.39

Disk; documentation

Design; Art; Craft, design, technology; Utilities

Contents: Grafik (design software); and Chauffeur (mouse driver utility).

40t, 80t or Compact 3.5" disk

Grammar

See : French workshop

Granny's garden

Matson, Mike

Barnstable: 4mation Educational Resources

1984

BBC B; BBC B+; BBC Master; RML 480Z; £12.00 BBC Cassette; Spectrum; £10.00

1 disk or cassette; 1 booklet

Puzzles; Problem solving; Creative writing; Primary education; Special educational needs; Adventure simulation; Computer games; Cross curriculum

An action adventure game with simple tasks to perform and puzzles to work out. Can stimulate range of cross-curricular activities, involving a whole class at any one time.

BBC disk or cassette; Spectrum cassette; RML 480Z disk

6-10

Granville : the prize holiday package

Jones, Barry; Daly, Fred; Brodzki, Wac

Cambridge: Cambridge Micro Software

1986

BBC B; BBC B+; BBC Master; £30.00 Econet; £42.50 Apple II; £35.00 RM Nimbus; £42.50 IBM PC; £50.00

1 disk; 1 book

Modern languages; French; Adventure simulation; Secondary education

0521264049 (BBC 40t); 052130931X (BBC 80t); 0521353408 (Econet 80t); 0521360757 (Apple II); 0521264057 (RM Nimbus); 0521373433 (IBM PC)

A program for the more advanced pupils, where they are invited to plan a short holiday in France. Additional copies of the book are available at £3.50.

BBC machines need 40/80t disk; Econet requires 80t disk.

11-18

Graph

See : A level maths with statistics

Graph builder

Pioli, Jenny; Walker, Kieran

Sherston: Sherston Software

1986

BBC B; BBC B+; BBC Master 128; BBC Master Compact; (single pack) £14.00 BBC B; BBC B+; BBC Master 128; BBC Master Compact; (small lab pack) £28.00 BBC B; BBC B+; BBC Master

128; BBC Master Compact; (large lab pack)
£42.00

Single pack: 1 disk; 1 teacher's book. Small lab pack: 1 copy of full pack plus 5 extra copies of disk. Large lab pack: 2 copies of full pack plus 10 extra copies of disk.

Mathematics; Primary education; Secondary education; Computer graphics

Allows histograms, vertical and horizontal histograms, line graphs and pie charts to be produced, saved and dumped to most dot matrix printers.

BBC 40t 5.25" DFS; BBC 80t 5.25" DFS; BBC Compact 3.5" ADFS disk. 3.5" DFS and 5.25" ADFS disks also available

9-15

Graph capers : junior pack : plot shot and gradients

Leamington Spa: GEM Software

198-

BBC 32k; Acorn Electron (cassette); £8.50 BBC 32K (disk); £11.50

Cassette or disk; documentation

Mathematics; Primary education; Secondary education; Computer games; Computer graphics

Designed to encourage understanding of graphs. Includes 10 sets of built in axes. Contents: Plot shot (requires players to provide input in the form of co-ordinates, which are the two ends of a line or shot which the computer will draw across the screen, with a score depending on the number and colour of "zapped aliens"; Gradients (an introduction to straight line graphs, at four levels of difficulty: student provides input in the form of a gradient, for the computer to draw a line through as many targets as possible).

Please specify whether 40t or 80t disk required.

9-14

Graph capers : senior pack : functions and plotter

Leamington Spa: GEM Software

198-

BBC 32k; Acorn Electron (cassette); £8.50 BBC 32K (disk); £11.50

Cassette or disk; documentation

Mathematics; Secondary education; Computer games; Sixth form education; Further education; Adult education

Helps students understanding of graphs. Includes 10 sets of built in axes; and facility for user to define own axes. Contents: Functions (presents 2 large red shapes as targets, with pupils entering a function to determine shots - can cope with almost any function of x); Plotter (a graph plotting program including a printer option - allows user to investigate almost any function of x).

Please specify whether 40t or 80t disk required.

12+

Graph making

See : General science 1

Graph plot

Dolgellau: Science Education Software

198-

BBC B; Econet; £13.50 + VAT BBC Master 128; RM Nimbus; Acorn Archimedes; £14.50 + VAT RM Nimbus Network; £29.50 + VAT

Disk

Physics; Biology; Sciences; A level examinations; Sixth form education; Secondary education; Data processing

Program is designed to produce graphs of experimental results.

BBC 40t, 5.25" disk; BBC 80t, 5.25" disk; RM Nimbus, Acorn Archimedes, 3.5" disk. The BBC Master 128, RM Nimbus and Archimedes versions of the program allow up to 8 data sets to be displayed on the same graph but, due to memory limitations, only single data sets can be displayed on the BBC B version. For the BBC B and BBC Master 128 versions, data may be input directly from a VELA datalogger, graphs plotted and the data saved on disk.

16-19

Graph plotter

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £24.50 Econet; £58.50

Disk

Utilities

A powerful function plotting utility, enabling graphs to be entered in standard or parametric form (cartesian or polar) to be plotted on axes labelled with simple, readily comprehensible intervals (which may be multiples of pi). Functions with positive and negative square root values may be plotted. Parameter may be used to plot 'families' of curves. Further parameter may be used for summation of an expression over a specified range of values for the parameter. Option to print to Epson type printer

Only specify 80t if you cannot use 40t disks

16-18

Graph 4

See: Basic package

GraphBox

Exeter: Minerva Software

198-

Acorn Archimedes; £79.95

Disk

Computer graphics; Information handling; Secondary education; Sixth form education; Further education

A multitasking data presentation package, offering 20 different types of graph. Data entry in spreadsheet form, or dragged between other programs such as Arc Edit or Draw. Allows many graphs to be plotted on one axis. Includes scatter, line, pie, bar, 3D bar, stacked bar, surface, bubble polar line/scatter, scatter/line with error bars, percentage bars, stacked/cumulative area, horizontal graphs, etc.; with x, y, or z axis linear, logarithmic, squared or a function of user's choice. Accepts all mathematical functions as input. Integrates with all suitable RISC-OS applications. Site licences available.

Operates in RISC OS

12-16+

Graphic calculus 1 : differentiation

Tall, David

Barnet: Glentop Press Ltd

1986

BBC B; BBC B+; BBC Master 128; BBC Master Compact; RM Nimbus; Acorn Archimedes; £28.75

Disk; Documentation booklet

Mathematics; Secondary education; Further education; Computer graphics; Higher education; Adult education

1851810072

Introduces the concepts of the gradient of a graph and the theory of differentiation. Contents: Gradient (a general purpose graph-drawing program using normal mathematical notation for functions, with routines to draw chords, the gradient function and derivative); Blanchmange (draws an everywhere continuous nowhere differentiable function).

16+

Graphic calculus 2 : integration

Tall, David

Barnet: Glentop Press Ltd

1986

BBC; BBC B+; BBC Master 128; BBC Master Compact; RM Nimbus; Acorn Archimedes; £28.75

Disk; Documentation booklet

Mathematics; Secondary education; Further education; Computer graphics; Higher education; Adult education

1851810080

Introduces the theory of area under a graph and the link between integration and differentiation. Program includes AREA, a general purpose graph-drawing program, using normal mathematical notations for entering functions with routines to calculate the area under the graph using the first, last and mid-ordinate rules; to draw the area function and to compare it with the graph of an integral function. An extension includes "SIMPSON" the trapezium and Simpson's rule.

16+

Graphic calculus 3 : differential equations

Tall, David

Barnet: Glentop Press Ltd

1986

BBC B; BBC B+; BBC Master 128; BBC Master Compact; RM Nimbus; Acorn Archimedes; £28.75

Disk; Documentation booklet

Mathematics; Secondary education; Computer graphics; Higher education; Adult education

1851810099

Introduces theory of differential equations. Contents: 1st ODE (draws direction field of 1st order differential equation; traces solution curves using variety of numerical techniques); 2nd ODE (draws solution curves for 2nd order differential equations); 3rd ODE (draws solution curves for two simultaneous first order differential equations (or for a single 2nd order differential equation)).

16+

Graphic street profile

See: Urban studies : programs for fieldwork

Graphical representation : program 1

Morgan, F.

Cardiff: Drake Educational Associates

198-

BBC B; BBC B+; BBC Master; £12.00

11 disk; 1 booklet

Mathematics; Primary education; Computer graphics

The three programs in this series give a thorough introduction to the subject of graphical representation. Program 1 contains: Sets; Pictograms; Bar charts; Histograms; Point charts

Graphical representation : program 2

Morgan, F.

Cardiff: Drake Educational Associates
1198-

BBC B; BBC B+; BBC Master; £12.00

11 disk; 1 booklet

Mathematics; Primary education; Computer graphics

Part of a series of programs on graphical representation, which concentrates on the development of line graphs from point charts. It also demonstrates discrete and continuous variables

5-11

Graphical representation : program 3

Morgan, F.

Cardiff: Drake Educational Associates
1198-

BBC B; BBC B+; BBC Master; £12.00

11 disk; 1 booklet

Mathematics; Primary education; Computer graphics

This is one of the three programs on graphical representation, which explores the subject of coordinates. It starts with a simple introduction and moves on to deal with graphs based on positive and negative values

5-11

Graphics

Oldknow, A.

Houghton-on-the-Hill, Leicester: MUSE
(Microcomputer Users in Education)
1982

BBC B; £17.00

Disk

Mathematics; Primary education; Secondary education; Computer graphics

Contents: 3D transformation; Bezier; Glass; Sofm. (3D transformation also available separately, price £8.00).

Graphics extension

Leamington Spa: SPA (Software Production Associates)

1986

RM Nimbus £17.00 RM Nimbus Network £39.00

1 disk; 1 booklet

Design; Art; Computer graphics; Utilities; Secondary education

Software tools to extend use of BASIC for graphics work. Allows user to animate own pictures.

Graphics lesson

Backwell, Bristol: Arrowsoft Educational Software

198-

BBC B; BBC Master; £12.00

Disk

Computer studies; Computer graphics; Primary education; Secondary education

Allows the beginner to start to produce colourful, animated pictures.

8+

Graphics session

Exeter: Maxima Communications plc

198-

Session series

Apple Macintosh; £235.00

Disk

Communication; Utilities; Computer graphics

A Hewlett-Packard terminal emulator, which emulates the HP2393 monochrome graphics terminal. Functions include support for all HP resolutions, drawing modes, line types and fill patterns, plus an additional 38 Macintosh fill patterns. Incorporates all Business Session features.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

GraphicSheet

Barnet: Glentop Press Ltd

198-

Atari STs; £39.95

Disk

Spreadsheets; Computer graphics; Data processing; Mathematics; Business education; Secondary education; Further education; Adult education

1851811559

An analysis package, with spreadsheet up to 65536 rows and 65536 columns, integrated graphics, built-in calculator, and on-line notepad. Eight different chart types - bar, 3D bar, line, area, pie, stacked bar, 3D stacked bar, and Manhattan. Allows use of multiple windows - up to 7. Useful for what-if analyses.

16+

GraphicWorks

Middlesbrough: Applied Technology Marketing

198-

Apple Macintosh; £149.95

Disk

Art; Computer graphics; Design; Craft, design, technology; Computer assisted design; Desktop publishing

For combining text and graphics to create newsletters, yearbooks, report forms or worksheets. Includes sample templates; a bit-map and object-oriented graphics capability; scanned image editing facilities; paint tools; text tools with variety of fonts, sizes and styles.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Graphist paint 2

Glasgow: Persona TMC Ltd

198-

Apple Macintosh; £495.00

Disk

Art; Computer graphics; Computer assisted design; Design; Craft, design, technology

A graphics program allowing the creation and editing of 256-colour or grey-scale images. Features include ability to work on two layers, etching a stencil image onto a working image; ability to print 4-colour separations onto any PostScript output device; direct support for video card image capture; free rotation; distortion; smoothing; blurring and other special effects. Will import PICT; PICT2; MacPaint; TIFF; RIFF and PixelPaint files directly. Wide variety of brushes available.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Graphs

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £17.50

Disk

Secondary education; General Certificate of Secondary Education; A Level Examinations; Mathematics

5 programs including a versatile curve sketching facility allowing the user to plot any curve (including trigonometric functions and curves with asymptotes); a parametric curve sketching program allowing the user to plot any parametric curve in terms of parameters for x and y; an interactive, multiple-choice program on recognition of trigonometric curves; multiple choice tests on recognition of straight line equations and quadratic and cubic curves

Only specify 80t if you cannot use 40t disks
16-18

Graphs

Mills, John

Sheffield: Pavic Publications

198-

BBC B; £14.50

Disk or cassette; text

Computer graphics; Primary education

A six-part computer and text module

BBC 40t or 80t disk; BBC cassette

7-9

Graphs and charts

See: Ecology data processing. 1: Graphs and charts

Graph-fit

Phillips, B., M.

Newtown: Linear Graphics Ltd

1987

BBC B; BBC B+; BBC Master; £19.25

1 disk; 1 user manual

Art; Design; Craft, design, technology; Mathematics; Sciences; Cross curriculum; Secondary education; Sixth form education; Further education

A user friendly graph drawing package producing high quality scientific graphs using a PLOTMATE plotter. Features include a curve fits, graph merging, easy data entry, labelling,

data sorting and simultaneous examination of all a curve fits before selection

Please specify file format and type of Plotmate plotter

10+

Graph-plotter (functions)

Robb, David

Plymouth: Garland Computing

1984

BBC B; BBC B+; BBC Master 128; £13.85 RM Nimbus; Acorn Archimedes; £16.30 Nimbus network; £31.75 Econet; £33.95

Disk

Mathematics; Computer graphics; Computer studies; Secondary education; Sixth form education; Further education

A high resolution graph plotter; allows graphs of any function built into the computer to be plotted in either Cartesian or polar coordinates. Features include choice of screen mode; overlay; auto or user specified scaling; error trapping; user programmed functions. Helps in teaching basic graph theory; linear and trigonometric functions, with a pictorial introduction to integration and calculation of roots of equations. Site licences, multiple copy discounts available; details from publisher

BBC 40 or 80t (please specify). RM Nimbus version supplied with BBC BASIC

15+

Grass

See: Learning geography with computers

Grass : an information handling package from Newman College

Keeling, Roger; Tapsfield, Andrea

Birmingham: Newman Software

1987 (RM Nimbus version); 1985 (BBC and RM 480Z version) Archimedes/A3000

BBC B; BBC B+; BBC Master; BBC Compact; Econet; RM Nimbus; RM Nimbus network; RML 480Z; £28.00 Acorn Archimedes/A 3000; £25.00 Archimedes; £25.00

1 disk; 1 doc booklet

Data processing; Information handling; Databases; Cross curriculum; Primary education; Secondary education; Computer graphics

Grass aims to provide an information retrieval program that is very easy for primary children to use, but is powerful enough to be used at lower secondary level. It has the usual searching and sorting facilities of educational database packages but also includes graphics, so that the result of current searches can be displayed as graphics and displayed without the need for further searches. A Welsh version of Grass is also available (ADDA : pecyn trin gwybodaeth. Data files: Birds; Insects; Pond; Monarch; Volcano.

A conversion program is supplied which converts Grass data files to and from Quest. The Nimbus version includes a mouse option Version 2.0c Nimbus; 1.0c BBC; 1.2 480Z; 2.0a Archimedes a) BBC & 480Z only.

7-16

Grass bank : utilities for Grass and Grasshopper

Keeling, Roger; Turner, Phil

Birmingham: Newman Software

1988

RM Nimbus; RM Nimbus network; £20.00 BBC B; BBC B+; BBC Master 128; BBC Master Compact; Econet; £15.00

1 disk; 1 documentation booklet

Utilities;

There are five utilities on the disk: one converts a Grass database to a Grasshopper spreadsheet; the second performs the opposite operation; the third enables the user to add extra fields to a Grass database; the fourth converts from Key to Grass; the fifth utility allows the user to print out address labels from any of the fields on a Grass file. Documentation may be copied freely by LEA's that have purchased the licence.

Version 1.0 Nimbus & BBC a) BBC only b) The Nimbus version also has five: Grass to Grasshopper & vice versa; Grass FIF interconverter; a label printer; a Grass quiz which produces multiple choice tests from Grass.

7-16

Grass query disk

Birmingham: Newman Software

1985

BBC B;

40t; 1 disk

Databases; Information handling; Cross curriculum; Mathematics

Contents: Pop; Months; Nov. A disk containing various data for use with Grass

7-14

Grasshopper : an introductory spreadsheet

Keeling, Roger; Tapsfield, Andrea

Birmingham: Newman Software

1987 (BBC version); 1988 (RM Nimbus version)

BBC B; BBC B+; BBC Master; BBC Compact; Econet; RM Nimbus; RM Nimbus network; £30.00

1 disk, documentation booklet

Mathematics; Primary education; Secondary education; Spreadsheets; Computer graphics

This package aims to teach the use of spreadsheet as a tool for both problem solving and mathematical modelling. The menu driven program includes a number of mathematical functions, a built-in graphics facility and the ability to sort.

Version: 2.0d Nimbus, 2.1a BBC.

7-16

Gravitational fields

See: Middle secondary physics pack

Gravitational fields

See: Nuffield physics pack

Gravity Pack : three simulations of forces and fields

Netherhall Educational Software

Cambridge: Cambridge Micro Software

198-

BBC B+; BBC Master; £22.50 Econet; £37.50

1 disk; 1 teacher's handbook

Physics; Secondary education; Sixth form education; Further education; Simulation

0521339758; 0521329086

3 simulation programs to explore gravity/gravitational fields. Contains: The monkey and the hunter; Newton's cannon; Satellites.

Econet requires 80t disk; BBC B+ and BBC Master 40/80t.

Great enterprise

Jenkins, Isobel; A'Bear, Margaret; Trinity and All Saints College Software team

Harlow: Longman Micro Software

198-

BBC B; BBC B+; BBC Master 128; £19.50 Econet; SJ file server; AMCOM E-Net; £30.00

Disk; teacher's guide; student leaflets

History; Sociology; Secondary education; Sixth form education; Further education; Computer games

A game based on the events leading to the Armada launch in 1588 in which students explore the power struggle between England and Spain; the relationship between intention, motive and cause; and the fact that events are often the result of several actions, rarely the result of just one.

BBC 40t, 5.25" DFS disk; BBC 80t, 5.25" disk 13-17

Great expectations

London: Sussex Publications Ltd; World Microfilms

198-

English revision on microcomputer

BBC B; BBC B+; £18.95 Econet level 2; £28.00

Disk; manual

English; English literature; Secondary education; General Certificate of Secondary Education; Computer graphics

A practical revision aid, with introductory material, questions and information which can be used by groups or individuals who participate fully in questions on plot, character and theme. Available in set: English revision on microcomputer

BBC 40t or 80t disk

11+

Greedy gorilla

See Joystick games 2

Greek dreams

Gravesend: Fernleaf Educational Software Ltd 198-

BBC B; BBC B+; BBC Master 128; BBC Master Compact; £17.95

Disk; documentation

Sciences; Mathematics; Creative writing; Language; Puzzles; Problem solving; Primary education; Cross curriculum

A cross curriculum pack of 8 programs designed to complement the BBC Zig Zag programme on the Greeks. The program covers 4 main topics in the areas of science, religions, travel and mathematics, with opportunities for language work; extracting and interpreting information and further investigation. Two tasks - one modern, one ancient, both with 2 difficulty levels, are involved in each topic e.g. recognition of star patterns; compass work; simple circuits; gods and temples; calculation world religions

Please state make/model of computer; network system; disk size and printer
8-10+

Green cross code

Doncaster: RESOURCE
198-
BBC B; BBC Master 128; £19.95
Disk; documentation
Life skills; Personal and social education; Infant school education; Primary education
A program to reinforce road safety skills. LEA/Regional licences and bulk purchase discount available
BBC B/Master 5.25" 40t DFS; 80t DFS
available - £1.50 surcharge per disk
5-14

Green disk

Harlow; Cambridge: Longman/Logotron
1989
IBM PC
1 disk (5.25" or 3.5"); 2 leaflets
Information handling; Databases
A demonstration of "Hyperbook" - a book which can be read on screen, searched, glossaried and printed. "Hyperbook" aids research and learning, and takes advantage of information technology

Greg

See: Secondary maths 2

Grid and TD

See: Third angle Projection

Grid links

See: Picture clues

Gridlock

See: Family favourites

Grids

See: Maps and landscapes; 1

Groups

See: Making connections

Grouse shooting

See Arcade challenge, Brilliant Computing

Grow

See: Longman music pack : composing and experimenting with music

Growing concern

London: ILECC (Inner London Educational Computing Centre)

1989
RM Nimbus; RM Nimbus network; £17.00
1 disk; 1 teacher's note; 1 manual for Grass or Quest; worksheets; poster
Computer studies; Biology; Geography; Sociology; Statistics; Secondary education; Further education; Adult education; Databases; Data processing; Cross curriculum
The package provides two files of population data on disk based on the 1988 World Population Data Sheet published in the UK by the charity Population Concern. The database can be either Quest or Grass and must be purchased separately
If the Quest database is used, a copy of 'Editor display relate' is required as well
11-18+

Growth

See: Railway drama

Growth under fixed exchange rates

See: Macroeconomics pack

Guestimator

See: CEDRIC (Community energy display and retrieval of information and calculation)

Guidance : developers toolkit

Edinburgh: Office Workstations Ltd
198-
Apple Macintosh; £500.00 (distribution/site licences available)
Disk
Information handling
A version of Guide for incorporation into applications as a desk accessory for providing context-sensitive help, tutorials and reference. Supports full range of Guide's hypertext building blocks.
Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Guide 2.0

Edinburgh: Office Workstations Ltd
198-
Apple Macintosh; £199.95; (£39.95 upgrade from Guide 1.0). Education discounts available.
Disk
Information handling
A hypertext system for the Macintosh, exploring information in an associative, nonlinear way. While fundamentally text-oriented, includes Scribbler desk accessory for creating object-oriented graphics; can import Graphics created in other paint and draw programs. Features include backtrack facility; interpreter facility allowing users to add custom extensions to courseware. Up to 32 Interpreters can be attached to Guide at any one time. Includes drivers for both videodisk players and CD-ROM drives.
Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Guitar chords

Chepstow: AVP Computing

198-
BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £17.50 BBC Master Compact; £19.70 RM Nimbus; Amiga; £24.50
Disk
Music; Primary education; Secondary education; Further education; Adult education
Contents: introduction (the theory of chords, notes on first 5 frets of all six strings); Hear chords (any chord from 144 including diminished, augmented, 9th, 13th); Self-test (4 difficulty levels); Tuning section (a tuning aid)
Only specify 80t if you cannot use 40t disks
9+

Guitar companion

See in Educational disk

Gusintr

See: Games, activities and investigations : volume 2.

GWR steam locomotives

Chepstow: AVP Computing
198-
BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £24.50 Acorn Archimedes; £24.50 Econet; £58.50
Disk
History; Computer assisted design; Craft, design, technology; Primary education; Secondary education; Simulation
Introduces computer assisted design: builds up a picture of a steam locomotive step by step using the standard elements used by GWR. Designs can be saved and hard copies made using Epson dump provided.
Only specify 80t if you cannot use 40t disks
10+

GXR: the graphics extension ROM

Cambridge: Acornsoft
1983
BBC B; BBC B+; BBC 128K B+; £26.00
ROM; user guide; cassette; reference card; function key card
Programming languages; Computer graphics; Primary education; Secondary education; Sixth form education; Further education
A graphics extension to the BBC Microcomputer MOS, providing circle plotting, ellipses, parallelograms, dotted and dot-dash patterns, shading patterns, colour fill, shade fill and sprites, and including a built in sprite designer. Separate version available for B+.
ROM
8+

Hadrian's Wall and Chesters Fort

Glasgow: CDG (Scotland) Ltd.
198-
BBC B; BBC B+; BBC Master 128; £15.50 Acorn Archimedes; IBM PC; RM Nimbus; £21.50 IBM PC; RM Nimbus network; £32.25
Disk; documentation
History; Databases; Secondary education
1870307127
A study of the impact on the landscape of Roman

activity in the areas of Housesteads; Vindolanda; Chester and Birdoswald. Data comprises location and structure of Hadrian's Wall; Milecastles; Turrets and Chesters Fort. Includes examination of the tactical nature of Hadrian's Wall. Structured modular work units accommodate all ability levels; integrate computer procedures and assist in the acquisition of knowledge and understanding, developing enquiry, evaluation and analysis skills, etc. Optional Epson compatible screen dump (BBC/Nimbus only) available - £7.50 (BBC); £13.50 (Nimbus). Discounts available for purchase of any two or more datapacks - details from publishers.

Please state format required: BBC 40 or 80t disk; IBM PC (EGA/ECD only).

12-16

Hall of mirrors

Russell, Alan; Drysdale, Cathy

London: BBC Enterprises / Longman-Logotron 1987

BBC B; BBC B+; BBC Master 128; BBC Master Compact; £16.50

1 disk; documentation (1 booklet)

Language; English; Mathematics; Art; Infant school education; Primary education; Computer games; Computer graphics; Puzzles; Problem solving

0563228733 (BBC B/B+/M128); 0563229055 (BBC Master Compact)

Provides extensive opportunities for practising word and number skills, problem solving, hypotheses testing, group discussion and decision-making as players travel through a mirror maze in a deserted seaside pier to outwit a tyrannical master and his greedy jackdaw pet

5-11

Hamlet

Smith, Margaret (ed.)

Bangor: Akadimias

198-

Tutor series : English Literature - set texts

BBC B; BBC Master 128; Econet levels 2 & 3; Acorn; RM Nimbus PC 186; RM Nimbus AX series; Nimbus network; Amstrad 6128 & PCW; IBM PC compatible; £25.00 (includes site licence for up to 10 terminals)

Disk; study booklet; reading list

English literature; Secondary education; Sixth form education; Further education; A level examinations

A program to test student knowledge with questions in a multiple choice format, in either a random or sequential order, and with various user selectable time-bases against which the test may be taken. Facilities for revision; sequential, random test modes; with four time based skill levels in each test mode. Discounts available: details from publisher

BBC 40 or 80t disk (please specify). Acorn DFS & ADFS; RM Nimbus 3.5" disk; Amstrad disk; IBM PC 5.25" or 3.5" disk (please specify).

11-16+

Hamlet

London: Sussex Publications Ltd; World Microfilms

198-

Shakespeare on disk

IBM PC and compatibles; RM Nimbus; £25.00

Disk; manual

English; English literature; Secondary education; Sixth form education; General Certificate of Secondary Education; A level examinations

ASCII text file, allowing MS DOS word processors to be used to perform analyses of Hamlet; scan the entire play for keywords; compare vocabulary and speeches among several plays; prepare tests; print out dramatic scripts with comments and stage directions; print copies of the plays and selected passages; add comments, notes, critical opinion etc. into the text

11+

Hangman

See: Fun with words

Hangman

Northampton: Northamptonshire Computer Education Centre

198-

RM Nimbus; £20.00

Disk; documentation

Language; Spelling; Computer games; Primary education; Special educational needs

A Nimbus version of the popular pencil and paper game. Option to create additional word files, view disk directory and delete files. Bulk purchase discounts and licences available - details from publishers.

Mouse or keyboard operated.

Hanzel and Gretel

Birmingham: Daco Software

198-

RML 480Z; £15.95

Disk

Geography; Puzzles; Problem solving; Life skills; Special educational needs; Infant school education; Primary education; Computer games

An adventure game in which children rescue Hansel and Gretel from the Green Witch - encourages the development of logical strategies, orientation and directional skills and elementary map making skills. Successful rescuers are awarded badges and certificates.

5+

Happenings 1-10

Fawcett, J.; Fawcett, E.; Eyre, C.

Stocksbridge, Sheffield: TECS (Teachers Experience-based Classroom Software)

1984

Happenings : adult series

BBC B; A 3000; £11.50

Disk; documentation

Reading skills; Spelling; Puzzles; Problem solving; Secondary education; Adult education

A package designed for those with reading problems. Screen instructions have been avoided - visual clues are given. Optional printout analysis of performance is available at the end of the program. Each storyline consists of approximately 4 sentences, with the program providing reading practice; whole word recognition; comprehension; letter recognition; a word puzzle; anagrams; jumbled sentences. Topics covered include Sam's journey; the garage; the beer; the match; work experience; the school leaver; camping; having money; new

baby; getting stamps. Reduced price for C.A. members

40t disk

11+

Happenings 11-20

Fawcett, J.; Fawcett, E.; Eyre, C.

Stocksbridge, Sheffield: TECS (Teachers Experience-based Classroom Software)

1984

Happenings : datafree series

BBC B; A 3000; £11.50

Disk; documentation

Reading skills; Spelling; Puzzles; Problem solving; Secondary education; Adult education

A package designed for those with reading problems. Screen instructions have been avoided - visual clues are given. Optional printout analysis of performance is available at the end of the program. Each storyline consists of approximately 4 sentences, with the program providing reading practice; whole word recognition; comprehension; letter recognition; a word puzzle; anagrams; jumbled sentences. Story topics include: My lad's mice; jobsear; parents meeting; the washing machine; the letter; the bunk beds; the new phone; the swimmer; the television. 15 new home-versions of happenings can be created by the user whether tutor or student. Reduced price for C.A.B.E. members

40t disk

Happy letters

Bourne Educational Software Ltd

198-

BBC B Cassette; Acorn Electron Cassette; Amstrad CPC 464 Cassette; £9.95 BBC B £14.95

1 cassette/disk; 1 booklet

Language; Reading skills; Preschool education; Infant school education; Primary education; Special educational needs; Computer games

Encourages children to recognise and practice matching lower case and capital letters. To keyboard layout.

BBC 5.25" disk; 40/80t. BES monitor facility 3-6

Happy numbers

Bourne Educational Software Ltd

1983

BBC B Cassette; Acorn Electron Cassette; Amstrad CPC 464 Cassette; £9.95 BBC B £14.95

1 cassette/disk; 1 booklet

Mathematics; Preschool education; Special educational needs; Computer graphics; Computer games

Teaches children to recognise numbers; introduces counting. Rows of flowers are up with correct answers as the child hits 1 to match the figure on screen.

BBC 5.25" disk; 40/80t. BES monitor facility 3-5

Happy times : numeracy 4

Hewitt, Iris

Wisbech, Cambridgeshire: esm

198-

Shiva numeracy and logic programme

BBC B; BBC B+; BBC Master 128; £18.50

Disk; teacher's handbook

Mathematics; Puzzles; Problem solving; Primary education; Computer games

Deals with the concepts of 2,3,4,5 times tables, up to four-one correspondence, exchange of money and composition of £1.00. Contained in Shiva Numeracy and Logic programme and in Shiva Numeracy programme.

BBC 5.25" disk

5-11

Happy writing

Bourne Educational Software Ltd

1983

BBC B Cassette; Acorn Electron Cassette; Amstrad CPC 464 Cassette; £9.95 BBC B (disk); £14.95

1 cassette/disk; 1 booklet

Language; Mathematics; Preschool education; Infant school education; Primary education; Special educational needs; Computer games

A magic pencil helps teach children to write and form letters and numbers correctly - where to start the figure; which direction to take and where to end. Can be used to practice single character, word, or set of words. Word list can be changed as needed.

BBC 5.25" disk; 40/80t.

3-6

Hard disk companion

St. Albans: Beebugsoft Ltd

198-

Acorn Archimedes; £39.00 (£35.00 members' discount price)

Disk

Utilities

Contents: Hard disk backup (allows contents of hard disk to be saved onto floppy disks); Spark - file archiver (a WIMP based archiving program to create and maintain file archives); Find file (a utility for locating files on the hard disk).

Econet compatible - contact publishers for details re site licences.

Hare and tortoise

See Joystick games 3

Harmonics

Green, R.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1982

BBC A; RM Nimbus; £2.50

Disk

Physics; Sciences; Secondary education

Plots resultant wave from fundamental and harmonics specified by user. Plotting options are lines/points, any combination of resultant, fundamental and harmonics.

Harmony

See: The Locus Pack

Hatfield computer aided geography pack 2

AUCBE

Harlow: Longman Micro Software

198-

BBC B; BBC B+; BBC Master 128; £27.50 BBC Econet; SJ file server; AMCOM E-Net; £45.00

Disk (d/s); booklets

Geography; Statistics; Secondary education; Sixth form education; Further education

Contents: Huff (calculates Huff's gravity model; draws maps and results); Corr (calculates Spearman rank or Pearson product moment correlation; allows data for 2 sets of variables to be tested for suitability for calculating parametric and non-parametric statistics); Locate (calculates Location quotient and Gini coefficient and displays the Lorenz curve; allows graphical presentation of socio-economic statistics); Neighb (displays map; calculates Nearest neighbour statistics; allows distribution pattern to be calculated.)

BBC 40t, 5.25" DFS disk; BBC 80t, 5.25" disk

16-18

Hazard and Rescue

Oxfordshire County Council, Computer Education Unit

Wheatley: Oxfordshire County Council, Computer Education Unit

1987

RM Nimbus; RM Nimbus network; £27.00 RML 380Z/480Z/Network; £27.00

1 disk; 1 documentation booklet

Adventure simulation; Language; Puzzles; Problem solving; English; Primary education; Secondary education; Creative writing

Contents: Rescue (adventure program for 2/3 children working as a team in which they explore an environment, overcome problems, rescue missing people/find lost objects; Hazard (program enabling children/teachers to create an adventure for playing with Rescue. Bulk discounts/LEA licences available. Extra copies of booklet available; £4.00

RM Nimbus/Network 3.5" disk; RML s/d 5.25" disk for RM 480Z L4 or L5 with disks or on network; RM 380Z with disks, 56K memory and high resolution graphics.

8-15

HB music engraver

London: Argents

198-

Apple Macintosh; £425.00

Disk

Music

A musical notation and publishing package. Features include up to 30 staves in one system; up to 8 simultaneous lines of music per staff; up to 30 notes per chord per line of music; up to 1,000 measures of music per file. Contains over 124 different music symbols; has unlimited page size and staff height; provides automatic avoidance of character collision, correct spacing between music characters, correct notation of unequal groupings and alterable rules for horizontal placement of passing tones, key signatures, accidentals, etc.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

HCF

See: Secondary maths 1

HCI SNOBOL

Cambridge: Human Computer Interface Ltd.

198-

Apple Macintosh; £199.00

Disk; documentation

Computer programming; Programming languages

A programming language originally developed for applications involving string and text manipulation. Allows complex text operations to be expressed in terms of simple pattern-matching statements, allowing repetitive work to be programmed very easily prior to layout and typesetting, using any standard word processing or page make-up packages. Includes sample programs.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Healthdata

Dobbing, Chris

Studley: LTS (Learning and Training Systems)

198-

BBC B; BBC Master (stand alone/disk 5.25" 80t double sided DFS); £12.95 ADFS Master Compact; 3.5" RM Nimbus; £14.95 Econet Level 2/3 and SJ servers Network (supplied in 5.25" ADFS format for transfer to server); £22.95

Disk

Health education; Biology; Sciences; Personal and social education; Databases; Secondary education; Sixth form education; Further education

Viewdata format presents information on topics such as AIDS, drug abuse, smoking, hay fever, diet, common ailments and diseases, contraception.

Network software on 80t DFS with transfer instructions. For stand alone software, please specify format required.

13-18+

Healthy eating

See: Good health

Hearing age

See : Biology class experiments: food energy, water content and hearing age

Hearsay

St. Albans: Beebugsoft Ltd

1988

Acorn Archimedes; £69.00 (£51.75 members' discount price) Econet; details from publishers

1 disk; 1 guide

Communication;

A general purpose communications package which converts the Archimedes into a terminal to network with other computers. Provides extensive emulations of terminals including VT220; VT102; Viewdata; Tektronix and TTNS. Ideal for use with Prestel, Telecom Gold and bulletin boards.

Mouse driven; requires 1Mb of RAM; is compatible with Arthur 1.2 and RISC OS. Will work with most modems.

Hearsay RISC OS upgrade

Pilling, David (au. and designer, software);
Wallace, John (au., user guide)

St. Albans: Beebugsoft Ltd
1988

Acorn Archimedes; £5.87 (£4.40 members' discount price)

1 disk; 1 guide

Communication;

Heart and circulation

See: Human biology. 3: The heart and circulation

Heart and kidney : structure and function

Garland, D.; Garland, V.

Plymouth: Garland Computing
1983

Human biology : collection 1

BBC B; BBC B+; BBC Master 128; £13.85
Econet; £33.00

Disk

Biology; Secondary education; Sixth form education; Further education; Computer graphics; Simulation

Uses diagrams and animated graphics to show the anatomy of the heart, the mechanical and electrical events of the heart cycle, filtration in the kidney and homeostatic control. Available Human biology : collection 1. Site licences, multiple copy discounts available; details from publisher

BBC 40 or 80t (please specify)

12-16+

Heartsearch

Cardiff: MEU Cymru

BBC Master 128; BBC Master Compact; Acorn Archimedes; Details from publisher

Disk; teachers' notes

English; Sciences; Physical education; Primary education; Secondary education

A word game which helps children to identify foods which are high, medium or low in either fat, fibre or sugar. The program also contains a simple quiz and information about some of the foods

BBC 5.25" 40t; Acorn Archimedes 3.5"

7-14

Heath game

See: Hereward the rebel.

Hedgerows

London: ITV Schools
1990

BBC B; BBC B+; BBC Master 128; £16.00

2 disks; Teachers' guide; Worksheets; Set of identification keys; Set of picture sheets

Environmental education; Primary education; Databases; Information handling

Activity pack involving identification of hedgerow plants with emphasis on fieldwork and, in particular, on observation and measurement. Associated ITV Schools programmes: Environments; A place to live.

5.25", DFS

8+

Helix multi user kit

Exeter: Computer Capability

198-

Apple Macintosh; £395.00

Disk

Databases; Data processing; Information handling

An add-on network package allowing more than one user to work with Double Helix over an AppleTalk network. All changes made are simultaneously and automatically updated throughout the system.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Help!

See: Switch games disk 1

Helping with spelling

Poole: Dorset County Psychological Service
1988

BBC; (disk); £12.00

Disk; documentation

Spelling; Reading skills; Language; Special educational needs; Infant school education; Primary education; Secondary education; Computer games

Contents: Forest of spells (adventure program in which children complete spellings from a teacher chosen list in order to move to the next part of the forest - spellings are presented in a look - cover - write - check format and letters are collected for a keyword which will place in the forest for use in language activities); Word sheet maker (a teacher database, producing sheets of words with cumulative totals, for use as precision teaching probes or as work sheets to aid word or spelling recognition); Spelling practice (uses the look - cover - write - check technique to give spelling practice; records number of mistakes per word; can give hard copy or screen printout). Also contains 16 sets of words in word families which can be used with any of the programs and facility to edit these sets.

5+

Helter skelter

Johnson, Michael

London: Wida Software Ltd
198-

BBC B; BBC B+; BBC Master; £27.50 each
version BBC Econet Level 2/3; £55.00 each
version

Disks

Language; Primary education; Secondary education; Computer games; Authoring aids

Suites of three programs to promote lexical acquisition based on vocabulary sets entered by the teacher. Contents: Helter skelter (random words flash on screen and have to be correctly identified); Odd man out (the word that does not fit has to be identified); Snappit (a race to spot correct matches). Available in English; French; German; or Spanish versions

BBC 40/80t; programs convertible by user for Master Compact

8-15

Helter skelter : French version

Johnson, Michael

London: Wida Software Ltd
198-

Helter skelter

BBC B; BBC B+; BBC Master; £27.50 BBC
Econet Level 2/3; £55.00

Disk

Language; Modern languages; French; Primary education; Secondary education; Computer games; Authoring aids

A suite of three programs to promote lexical acquisition based on vocabulary sets entered by the teacher. Contents: Helter skelter (random words flash on screen and have to be correctly identified); Odd man out (the word that does not fit has to be identified); Snappit (a race to spot correct matches). Available also in English; German; or Spanish versions

BBC 40/80t; programs convertible by user for Master Compact

8-15

Helter skelter : German version

Johnson, Michael

London: Wida Software Ltd
1986

Helter skelter

BBC B; BBC B+; BBC Master; £27.50 BBC
Econet Level 2/3; £55.00

Disk

Language; Modern languages; German; Primary education; Secondary education; Computer games; Authoring aids

A suite of three programs to promote lexical acquisition based on vocabulary sets entered by the teacher. Contents: Helter skelter (random words flash on screen and have to be correctly identified); Odd man out (the word that does not fit has to be identified); Snappit (a race to spot correct matches). Available also in English; French; or Spanish versions

BBC 40/80t; programs convertible by user for Master Compact

8-15

Helter skelter : Spanish version

Johnson, Michael

London: Wida Software Ltd
1985

Helter skelter

BBC B; BBC B+; BBC Master; £27.50 BBC
Econet Level 2/3; £55.00

Disk

Language; Modern languages; Spanish; Primary education; Secondary education; Computer games; Authoring aids

A suite of three programs to promote lexical acquisition based on vocabulary sets entered by the teacher. Contents: Helter skelter (random words flash on screen and have to be correctly identified); Odd man out (the word that does not fit has to be identified); Snappit (a race to spot correct matches). Available also in English; French; or German versions

BBC 40/80t; programs convertible by user for Master Compact

8-15

Hemi-neglect

Smart, Steve; Robertson, Ian

Blairgowrie: Locheesoft

198-

Series 6

BBC B; BBC B+; BBC Master 128; BBC Networks; £19.50 (Part of proceeds donated to Save the Children Fund)

Disk

Special educational needs; Adult education

094758496X

A set of four programs to teach scanning to head injury victims with left-sided neglect: an activity program requiring the user to scan the screen for an "odd shape" is used to provide a basis for the use of a scanning strategy. Other programs train the user to quarter the screen and scan it sequentially. Touch screen operated. Results may be stored and monitored.

BBC 40t s/d DFS disk (unless 80t requested); will also run on ADFS or Network. Requires a Microvitec touch screen.

Adult

Hendersons pack

Doncaster: RESOURCE

198-

BBC B; £21.95

1 disk; student notes; teacher notes; workcards; 2 case study booklets

Business education; Information handling; Data processing; Secondary education; Simulation

A simulation package dealing with five of the major processing facilities available on the system at Hendersons, a Northern Ireland wholesale food distributor. The student assumes the role of retailer and computer operator dealing with order entry and invoice production. LEA/Regional licences and bulk purchase discount available

5.25" 40t DFS only

13+

Henri Beret at the bar : regular verbs

Chepstow: AVP Computing

198-

Henri Beret

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £19.50 Master Compact; £21.70 Amiga; RM Nimbus; £24.50 RM Nimbus Network; (up to 16 machines) £45.00 (up to 48 machines) £65.00

Disk

French; Modern languages; Secondary education; Adventure games; General Certificate of Secondary Education

An animated game giving practice in verb endings and tense formation, in which correct answers to questions score points. Includes 18 sets of questions and facility for teacher to write own files.

Only specify 80t if you cannot use 40t disks

11-16

Henri Beret au TIR : role play phrases

Chepstow: AVP Computing

198-

Henri Beret

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £19.50 Master Compact; £21.70 Amiga; RM Nimbus; £24.50 RM Nimbus

Network; (up to 16 machines) £45.00 (up to 48 machines) £65.00

Disk

French; Modern languages; Secondary education; Adventure games; General Certificate of Secondary Education

An animated multi choice question or type in the answer game in which correct answers score points. Option to create own role-play situations.

Only specify 80t if you cannot use 40t disks

11-16

Henri Beret goes fishing : irregular verbs

Chepstow: AVP Computing

198-

Henri Beret

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £19.50 Master Compact; £21.70 Amiga; RM Nimbus; £24.50 RM Nimbus Network; (up to 16 machines) £45.00 (up to 48 machines) £65.00

Disk

French; Modern languages; Secondary education; Adventure games; General Certificate of Secondary Education

An animated game in which correct answers to questions score points. Includes 16 sets of questions on different tenses of irregular verbs and the facility for teacher written files.

Only specify 80t if you cannot use 40t disks

11-16

Henri Beret plays cricket : irregular verbs and tense recognition

Chepstow: AVP Computing

198-

Henri Beret

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £19.50 Master Compact; £21.70 Amiga; RM Nimbus; £24.50 RM Nimbus Network; (up to 16 machines) £45.00 (up to 48 machines) £65.00

Disk

French; Modern languages; Secondary education; Adventure games; General Certificate of Secondary Education

An animated multi-choice or type in the answer question game in which correct answers score points. Includes 20 sets of questions and facility for teacher written files.

Only specify 80t if you cannot use 40t disks

11-16

Henri Beret plays darts : French vocabulary

Chepstow: AVP Computing

198-

Henri Beret

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £19.50 Master Compact; £21.70 Amiga; RM Nimbus; £24.50 RM Nimbus Network; (up to 16 machines) £45.00 (up to 48 machines) £65.00

Disk

French; Modern languages; Secondary education; Adventure games; General Certificate of Secondary Education

An animated game in which correct answers to multi-choice or type in the answer questions

Educational Software HEN - HER

score points. Includes 28 sets of questions on French vocabulary on data files. Facility for teacher to write extra sets of questions.

Only specify 80t if you cannot use 40t disks

11-16

Henri Beret plays golf : pronouns, relative clauses and negatives

Chepstow: AVP Computing

198-

Henri Beret

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £19.50 Master Compact; £21.70 Amiga; RM Nimbus; £24.50 RM Nimbus Network; (up to 16 machines) £45.00 (up to 48 machines) £65.00

Disk

French; Modern languages; Secondary education; Adventure games; General Certificate of Secondary Education

An animated game in which correct answers score points. Includes 17 sets of questions and option for teacher written files.

Only specify 80t if you cannot use 40t disks

11-16

Henri Beret watches horse racing : adjectives, pronouns and adverbs

Chepstow: AVP Computing

198-

Henri Beret

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £19.50 Master Compact; £21.70 Amiga; RM Nimbus; £24.50 RM Nimbus Network; (up to 16 machines) £45.00 (up to 48 machines) £65.00

Disk

French; Modern languages; Secondary education; Adventure games; General Certificate of Secondary Education

An animated game in which correct answers to questions score points. Includes 16 sets and the facility for teacher written files.

Only specify 80t if you cannot use 40t disks

11-16

Heraldry resources pack

Gravesend: Fernleaf Educational Software Ltd

198-

BBC B; BBC B+; BBC Master 128; BBC Master Compact; £18.95

Disk; documentation; book

Cross curriculum; Utilities; Primary education; Secondary education

Includes the Shields program and the 64-page information book on heraldry.

Please state make/model of computer, network system, disk size and printer.

8-14+

Here and there

See : Pad switch games

Heredity pack

Harlow: Longman Micro Software

198-

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; Acorn Archimedes; £40.00 BBC Econet; SJ file server; AMCOM E-Net; RM Nimbus/Network; £60.00

Disk

Biology; Genetics; Secondary education; Sixth form education; Further education; Statistics; Information handling

Contents: Inheritance (introduces genetics through breeding investigations in *Drosophila melanogaster*, mice, humans and tomato plants); Multifactorial inheritance (investigation of continuous variation in a hypothetical organism for biologists (utility programs for biological data handling))

BBC 40t, 5.25" DFS disk; BBC 80t, 5.25" disk; Archimedes compatible 3.5" disk; Nimbus/Network 3.5" disk

14-19

Hereward the rebel

Gravesend: Fernleaf Educational Software Ltd 198-

BBC B; BBC B+; BBC Master 128; BBC Master Compact; £19.95 Econet; £34.95

Disk; documentation

History; Adventure simulation; Computer games; Primary education; Secondary education

An historical adventure set in 1070 in which Hereward, the leader of a small band of Saxons who want to oppose the Norman King of England, can get help from the Danes if he can find treasure and/or get more men to join his band. Contains 4 sub-games: the Heath game; the Town game; the Marsh game; the Wood game, each of which can be played as a separate game.

ease state make/model of computer, network stem, disk size and printer.

-13+

Hex

Hatfield: Advisory Unit

BBC; BBC B+; BBC Master 128; BBC Master Compact; Econet; £12.00

Disk

Art; Design; Primary education; Secondary education

0 946039 81 X

An easy to use, flexible, open-ended picture making program, allowing the user to combine shapes to build pictures, patterns or abstract designs. Hex is easy to operate and very flexible, with Integrex colour printer driver. Bulk order discounts available.

7+

Hexmaker

See: Polyominoes project pack

HH

See: Neurosim

Hide and seek

Callaway, Gloria

Wisbech, Cambridgeshire: esm

1985

Best four language

BBC B; B+; BBC Master 128; £16.00

Disk

Spelling; Reading skills; English; Language; Primary education; Secondary education; Computer games

Variations of 'Kim's Game' and 'Pelmanism' to develop short term memory and skills important for learning to read. Three games providing for all abilities, with familiar pictures showing animals, people, vehicles, buildings, shapes, plants. Contained in Best four language.

BBC 5.25" disk

5-12

Hide and seek

See: Blob 2

Hide and seek

See: Where's Blob

Hide and seek

See: Farm

Hide and squeak

See: Albert's house

High peak railway

Doncaster: RESOURCE

198-

BBC B; BBC Master 128; £20.95

Disk; documentation

History; Simulation; Secondary education; Primary education

An historical decision making simulation, encouraging group discussion and investigation skills. LEA/Regional licences and bulk purchase discount available.

BBC B/Master 5.25" 40t DFS; 80t DFS available - £1.50 surcharge per disk.

7-14

Hiker

See: Junior high suite

Hilight

See: Longman music pack : composing and experimenting with music

Hill railway

Killbery, Ian; Watson, Deryn; Hills, Alan

Harlow: Longman Micro Software

1983 (BBC)

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; Acorn Archimedes; £19.50 BBC Econet levels 2 & 3; SJ file server; AMCOM E-Net; RM Nimbus/Network; £30.00

1 disk; 1 teachers' guide; students' leaflets

Geography; History; Secondary education; Simulation

0582263433

A railway planning simulation exercise based on the construction of the Canterbury and Whitstable railway in 1830.

BBC 40t, 5.25" DFS; BBC 80t, 5.25; Nimbus Network 3.5"; Archimedes compatible 3.5" disk

Hill railway

See: Transport pack

Hillslope hydrology

Dolgellau: Science Education Software

198-

BBC B; BBC Master 128; Econet; £20.95 + VAT RM Nimbus; Acorn Archimedes; £21.95 + VAT RM Nimbus Network; £36.95 + VAT

Disk

Geography; Secondary education; A level examinations; Higher education; Simulation

Produces a dynamic simulation of hydrological processes on hillslopes, allowing the user to explore factors controlling the generation of stream discharge, and forms a practical introduction to hydrology for A level and undergraduate students. Sample data is provided, but the model may be re-run using data provided by the user.

BBC 40t, 5.25" disk; BBC 80t, 5.25" disk; RM Nimbus, Acorn Archimedes, 3.5" disk

16-Adult

Hiroshima

Glasgow: CDG (Scotland) Ltd.

198-

BBC B; BBC B+; BBC Master 128; £15.50 Acorn Archimedes; IBM PC; RM Nimbus; £21.50 IBM PC; RM Nimbus network; £32.50

Disk; documentation

History; Databases; Secondary education

1870307135

The effects on Hiroshima of the A-bomb explosion through a range of data comprising landscape; injured; extent/type of radiation sickness; survival ratios; extent of damage; transport and communication structures; civil structures; military structure, allowing users to investigate impact of warfare technology on life and chances of survival. Structured module work units accommodate all ability levels; integrate computer procedures and assist in the acquisition of knowledge and understanding, developing enquiry, evaluation and analysis skills, etc. Optional Epson compatible screen dump (BBC/Nimbus only) available - £7.50 (BBC); £13.50 (Nimbus). Discounts available for purchase of any two or more datapacks - details from publishers.

Please state format required: BBC 40 or 80t or IBM PC (EGA/ECD only).

12-16

Historical farming

Glasgow: Scotlander

1990

BBC B; BBC B+; BBC Master 128; £15.00

Disk

History; Environmental education; Primary education; Secondary education; Simulation; Computer games; Computer graphics

1855720566

Gives insight into 17th century village farming life, as pupils adopt a family and work their way through a farming year. Decisions taken are reflected in overall performance, as summarised in account from landowner. Includes board game.

BBC 5.25" disk
10-15

History bumper box

Gravesend: Fernleaf Educational Software Ltd
198-

BBC B; BBC B+; BBC Master 128; BBC Master Compact; RM Nimbus; £59.95 Nimbus network; £99.95

Disk; documentation

History; Sociology; Primary education; Secondary education

Contents: Viking England; Norman England; Fletcher's castle

Please state make/model of computer, network system, disk size and printer.

8-13

History in the headlines 1

Coventry: NCET/MESU

1989

BBC; RM Nimbus; £12.50

2 disks; teacher pack (guide; 1 each of pupil books; photocopiable masters)

History; Secondary education; Simulation

A newsroom simulation, in which pupils receive telexes and press releases for the historical topic they are studying, and have to write a newspaper front page. Pupil books are available with original source materials and background information, plus briefing sheets on their roles - £17.50 per set of 15 per title - Cholera; R101; Berlin. Licensing agreements/ large bulk orders: details from publishers

11+

History in the headlines 2

Coventry: NCET/MESU

1990

Details from publishers

Disk; Teacher pack

History; Secondary education; Simulation

Newsroom simulations covering the following topics: the Peterloo massacre, Sarajevo, the Russian Revolution, the General Strike and the Cuban Missile Crisis. Licensing agreements/ large bulk orders: details from publishers

40t disk

11+

History in three dimensions

Glasgow: CDG (Scotland) Ltd.

1198-

EBBC B; BBC B+; BBC Master 128; £15.50 IBM PC; RM Nimbus; £21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

History; Databases; Primary education; Secondary education; Sixth form education; Further education; Adult education; Computer graphics

1185395971

Allows all data in the CDG series to be reproduced in full colour 3D graphics using three different 3D programs. Data can be produced as a variety of 3D images based either on statistical or landscape data which can be saved and/or printed. Allows students to see graphically where the events of history took

place, e.g. Gallipoli, Hiroshima. Structured modular work units accommodate all ability levels; integrate computer procedures and assist in the acquisition of knowledge and understanding, developing enquiry, evaluation and analysis skills, etc. Optional Epson compatible screen dump (BBC/Nimbus only) available - £7.50 (BBC); £13.50 (Nimbus). Discounts available for purchase of any two or more datapacks - details from publishers.

Please state format required: BBC 40 or 80t disk; IBM PC (EGA/ECD only)

10+

History revision on micro-computer

London: Sussex Publications Ltd; World Microfilms

198-

BBC B; BBC B+; £168.00 Econet level 2; £265.10

Disk; manual

History; Secondary education; General Certificate of Secondary Education

Practical revision aid, with features including introductory material and maps where relevant. Contents: Treaty of Versailles; Hitler's Germany; World War One; Russian Revolution; Mussolini's Italy; People, death and food; Road, water and Rail; Industrial revolution; Filth and poverty. Programs available separately

BBC 40t or 80t disk

11+

Hitler's Germany

London: Sussex Publications Ltd; World Microfilms

198-

History revision on micro-computer

BBC B; BBC B+; £18.95 Econet level 2; £29.95

Disk; manual

History; Secondary education; General Certificate of Secondary Education

Practical revision aid, with features including introductory material and maps where relevant. Includes comprehension and revision tests. Available in set: History revision on micro-computer

BBC 40t or 80t disk

11+

Hold the front page

See: Simulations

Holiday

Glasgow: Scetlander

Creative software for education

BBC B; BBC B+; BBC Master 128; £15.00 Acorn Archimedes; RM Nimbus; ZXS; £15.00 IBM PC (5.25"); £24.95 IBM PC (3.5"); £26.00

1 disk or micro drive; Teachers' notes; Holiday brochure

Business education; Language; Mathematics; Primary education; Secondary education; Sixth form education; Further education; Simulation; Information handling; Computer graphics

1855720604 (BBC); 1855720612 (Acorn); 1855720620 (RM Nimbus)

A simulation of a travel agent holiday booking system which aims to encourage information handling skills, decision making and use of language across the curriculum.

Educational Software HIS - HOM

BBC 5.25" disk; BBC Compact, Acorn Archimedes, RM Nimbus 3.5" disk; ZXS cassette; IBM (5.25" or 3.5" disk)

10-18+

Homac

See Accidents

7+

Home

Low Attainers Project

Newcastle upon Tyne: Northern Micromedia
1986

BBC B; BBC Master; £10.50 BBC Master Compact; £12.50

1 disk; 1 booklet

Personal and social education; Puzzles; Problem solving; Primary education; Secondary education Special educational needs

A decision making program encouraging students to explore consequences of decision making in a domestic setting for all involved

13+

Home

See: Choices

Home accounts

Exeter: Minerva Software

198-

Acorn Archimedes; £49.95

Disk

Mathematics; Home economics

A multi-tasking package for home or club finances - gives full control of multiple bank accounts; credit cards; building societies; includes budgeting facility to assist cashflow predictions; graphs of budgets and expenditure; caters for standing orders, transfers, statement reconciliation, etc.

Home accounts

Byram, P.

Ilford: Pineapple Software

1989

BBC B; BBC Master; BBC Master Compact; £19.95

Disk

Mathematics; Home economics

A program for every day banking; features include up to 20 separate accounts, with e.g. up to 200 transactions in each; up to 32 regular payments - standing orders, direct debits, etc.; statement reconciliation; hard copy printouts; scrolling window of 16 transactions; inter-account posting; analysis of account by payment type. Does not include features such as VAT used by business accounts programs.

Suitable for DFS or ADFS systems

Home economics with information technology

Coventry: NCET/MESU

1988

BBC B; BBC Master; £30.00

2 disks; Concept keyboard overlays (A3 & A4)

Human anatomy : the heart and digestive system

Chepstow: AVP Computing
198-

BBC B; BBC B+; BBC Master 128; £19.50 BBC Master Compact; £21.70 Acorn Archimedes; £24.50

Disk

Biology; Secondary education; Computer graphics

A collection of programs using annotated diagrams and testing sections to help teach and revise work on the heart and digestive system. Allows user to build up diagram of the heart on screen, studying functions and processes at each stage

Only specify 80t if you cannot use 40t disks
14-16

Human biology 1 : the skeleton and muscular system

Dolgellau: Science Education Software
198-

BBC B; BBC Master 128; Econet; £20.95 + VAT RM Nimbus; £21.95 + VAT RM Nimbus Network; £36.95 + VAT

Disk

Biology; Sciences; Secondary education; General Certificate of Secondary Education; Computer graphics; Simulation

Uses a variety of graphics and animation techniques to teach and test aspects of GCSE human biology. May be used by students for individual learning or revision.

BBC 40t, 5.25" disk; BBC 80t, 5.25" disk; RM Nimbus, 3.5" disk
14-16

Human biology 2 : nervous and endocrine systems and the eye and ear

Dolgellau: Science Education Software
198-

BBC B; BBC Master 128; Econet; £20.95 + VAT RM Nimbus; £21.95 + VAT RM Nimbus Network; £36.95 + VAT

Disk

Biology; Sciences; Secondary education; General Certificate of Secondary Education; Computer graphics; Simulation

Uses a variety of graphics and animation techniques to teach and test aspects of GCSE human biology. May be used by students for individual learning or revision.

BBC 40t, 5.25" disk; BBC 80t, 5.25" disk; RM Nimbus, 3.5" disk
14-16

Human biology 3 : the heart and circulation

Dolgellau: Science Education Software
198-

BBC B; BBC Master 128; Econet; £20.95 + VAT RM Nimbus; £21.95 + VAT RM Nimbus Network; £36.95 + VAT

Disk

Biology; Sciences; Secondary education; General Certificate of Secondary Education; Computer graphics; Simulation

Uses a variety of graphics and animation

techniques to teach and test aspects of GCSE human biology. May be used by students for individual learning or revision.

BBC 40t, 5.25" disk; BBC 80t, 5.25" disk; RM Nimbus, 3.5" disk

14-16

Human biology 4 : the digestive system and metabolism

Dolgellau: Science Education Software
198-

BBC B; BBC Master 128; Econet; £20.95 + VAT RM Nimbus; £21.95 + VAT RM Nimbus Network; £36.95 + VAT

Disk

Biology; Sciences; Secondary education; General Certificate of Secondary Education; Computer graphics; Simulation

Uses a variety of graphics and animation techniques to teach and test aspects of GCSE human biology. May be used by students for individual learning or revision.

BBC 40t, 5.25" disk; BBC 80t, 5.25" disk; RM Nimbus, 3.5" disk

14-16

Human biology 5 : the respiratory system and the urinary system

Dolgellau: Science Education Software
198-

BBC B; BBC Master 128; Econet; £20.95 + VAT RM Nimbus; £21.95 + VAT RM Nimbus Network; £36.95 + VAT

Disk

Biology; Sciences; Secondary education; General Certificate of Secondary Education; Computer graphics; Simulation

Uses a variety of graphics and animation techniques to teach and test aspects of GCSE human biology. May be used by students for individual learning or revision.

BBC 40t, 5.25" disk; BBC 80t, 5.25" disk; RM Nimbus, 3.5" disk

14-16

Human biology 6 : reproduction

Dolgellau: Science Education Software
198-

BBC B; BBC Master 128; Econet; £20.95 + VAT RM Nimbus; £21.95 + VAT RM Nimbus Network; £36.95 + VAT

Disk

Biology; Sciences; Secondary education; General Certificate of Secondary Education; Computer graphics; Simulation

Uses a variety of graphics and animation techniques to teach and test aspects of GCSE human biology. May be used by students for individual learning or revision.

BBC 40t, 5.25" disk; BBC 80t, 5.25" disk; RM Nimbus, 3.5" disk

14-16

Human biology : collection 1

Garland, D.; Garland, V.

Plymouth: Garland Computing

1983

Human biology : collection 1

BBC B; BBC B+; BBC Master 128; £37.40 RM

Nimbus; Acorn Archimedes; £40.10 Nimbus network; £57.75 Econet; £55.05

Disk

Biology; Secondary education; Sixth form education; Further education; Computer graphics; Simulation

Contents: Heart and kidney - structure and function (diagrams and animated graphics of the anatomy of the heart, the mechanical and electrical events of the heart cycle, filtration of the kidney and homeostatic control); Female reproductive cycle/fertilisation and pregnancy (illustrates the ovarian and uterine cycles, the relationship between hormones, the events occurring during fertilisation, implantation and early pregnancy); Human blood groups (simulates the slide agglutination technique for determining the ABO groups in human blood allows user to perform simulated experiments on blood of known and unknown types). BBC versions of programs available separately. Site licences, multiple copy discounts available; details from publishers.

BBC 40 or 80t (please specify). RM Nimbus version supplied with BBC- BASIC.

12-16+

Human biology : collection 2

Rogers, W.G.; Devereux, S.V.

Plymouth: Garland Computing

1984

Human biology : collection 2

BBC B; BBC B+; BBC Master 128; £35.30 RM Nimbus; Acorn Archimedes; £37.99 Nimbus network; £55.64 Econet; £52.95

Disk

Biology; Home economics; Secondary education; Sixth form education; Further education

Contents: Blood circulation maze (a revision exercise; pupils learn names of major blood vessels as they find their way around the body on routes set by the computer); Dieting (pupils choose a diet that provides required energy intake for a specified subject); Body processes and the fate of protein (uses events in protein digestion and excretion of nitrogenous compounds to show inter-relationships of body processes). Site licences, multiple copy discounts available; details from publishers. BBC versions of programs available separately

BBC 40 or 80t (please specify). RM Nimbus versions supplied with BBC- BASIC

13-16+

Human biology : collection 3

Garland, John M.

Plymouth: Garland Computing

1988

Human biology : collection 3

BBC B; BBC B+; BBC Master 128; £44.95 RM Nimbus; Acorn Archimedes; £48.15 Nimbus network; £65.80 Econet; £62.60

Disk

Biology; Physical education; Secondary education; Sixth form education; Further education; Computer graphics

Contents: The human skeleton (naming and arrangement of bones of the human body; the properties, structure and functions of bone and cartilage; types of fractures, with question/answer sequences to test recognition; animate sequences showing fracture repair); Joints (fibrous, cartilaginous and synovial joints; diseases and injury of joints); Muscles (the function of muscles; the structure of visceral, cardiac and skeletal muscle; muscle movement covering sliding filament action, biochemistry

muscle action and fatigue and how muscles act together to produce movement). Programs available separately. Site licences, multiple copy discounts available; details from publisher

BBC 40 or 80t (please specify). RM Nimbus versions supplied with BBC- BASIC

14-16+

Human biology diagrams

Pearson, Colin

Plymouth: Garland Computing

1986

BBC B; BBC B+; BBC Master 128; £13.85 RM Nimbus; Acorn Archimedes; £16.30 Nimbus network; £33.95 Econet; £31.50

Disk

Biology; General Certificate of Secondary education; Secondary education; Sixth form education; Further education; Computer graphics

Helps user learn parts of the human body by labelling four of the most commonly used diagrams. Covers the eye; the ear; the heart; blood circulation. Error trapping routines, correction of mistakes. Site licences, multiple copy discounts available; details from publishers.

BBC 40 or 80t (please specify). RM Nimbus versions supplied with BBC- BASIC

12-16+

Human blood groups

Plymouth: Garland Computing

1984

Human biology : collection 1

BBC B; BBC B+; BBC Master 128; £13.85 Econet; £33.00

Disk

Biology; Secondary education; Sixth form education; Further education; Computer graphics; Simulation

Simulates the slide agglutination technique for determining the ABO groups in human blood, allows user to perform simulated experiments on blood of known and unknown types. Available in Human biology : collection 1. Site licences, multiple copy discounts available; details from publisher.

BBC 40 or 80t (please specify).

112-16+

Human digestion simplified

Howden, Jane; Boyd-Clarke, Marie; Pettit, Gwyneth

Ouley: Academic Software

1986

BBC B; BBC B+; BBC Master; £24.00 (educ) or site/LEA licence

Disk; manual

Home economics; Biology; Simulation; Secondary education; Computer graphics

Simulates human digestive and absorptive processes for a selection of popular foods. Advanced mode presents nutrient hydrolysis with dynamic graphics. Review exercises

BBC 80t d/s disk or 40t s/s disk

113+

Human digestive system

Garland, John M.

Plymouth: Garland Computing

1988

BBC B; BBC B+; BBC Master 128; £17.65 RM Nimbus; Acorn Archimedes; £20.00 IBM PC compatibles; details from publishers Nimbus network; £37.65 Econet; £35.30

Disk

Biology; Home economics; Secondary education; Sixth form education; Further education; Computer graphics

Designed to help understanding of how the digestive system works, and to introduce the principal components of some common foods; covers structure and function; stages of digestion; chemical processes of digestion; testing the constituents of food. Site licences, multiple copy discounts available; details from publisher

BBC 40 or 80t (please specify). RM Nimbus versions supplied with BBC- BASIC

14+

Human energy expenditure

Harlow: Longman Micro Software

198-

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; £19.50 Econet levels 2 & 3; SJ file server; AMCOM E-Net; RM Nimbus/Network; £30.00

1 disk; students handbook; teacher's handbook

Home economics; Biology; Secondary education; Sciences

058226359X

Allows user to calculate energy required by human body, depending on its sex, mass, activities and times involved, and compares this with energy from foods eaten.

BBC 40t, 5.25" DFS; BBC 80t, 5.25"; Nimbus/Network 3.5" disk.

13-16

Human energy expenditure

See: Animal physiology pack

Human eye

Pearson, Colin

Plymouth: Garland Computing

1986

BBC B; BBC B+; BBC Master 128; £13.85 RM Nimbus; Acorn Archimedes; £16.30 Nimbus network; £33.95 Econet; £31.50

Disk

Biology; General Certificate of Secondary Education; Secondary education; Sixth form education; Further education; Computer graphics

Extends the introduction to the structure of the eye in Human biology diagrams; deals with function and correction of sight defect, covering labelling parts of the eye; working of the iris; accommodation of the lens; long sight and correction; shortsight and correction. Site licences, multiple copy discounts available; details from publishers.

BBC 40 or 80t (please specify). RM Nimbus versions supplied with BBC- BASIC

12-16+

Human eye

See: Optics

Human population growth

See: Learning geography with computers

Human population growth : demog 1

See: Population pack

Human population growth : demog 2

See: Population pack

Human reproductive cycle

Pride, Anita M.; McCormick, Sophie; Squires, David; et. al

Harlow: Longman Micro Software

198-

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; Acorn Archimedes; £19.50 Econet Levels 2 & 3; SJ file server; AMCOM E-Net; £30.00

1 disk; 1 teachers' booklet; 1 students' booklet; 1 running sheet

Sciences; Biology; Secondary education;

0582266920

A model of the female reproductive cycle, showing the relationship between the time of the month, the state of the ovaries and the thickness of the uterus lining.

BBC 40t, 5.25" DFS; BBC 80t, 5.25"; Archimedes compatible 3.5" disk

11-16

Human skeleton

Garland, John M.

Plymouth: Garland Computing

1987

Human biology : collection 3

BBC B; BBC B+; BBC Master 128; £17.00 RM Nimbus; Acorn Archimedes; £19.80 Nimbus network; £37.45 Econet; £34.65

Disk

Biology; Physical education; Secondary education; Sixth form education; Further education; Computer graphics

Naming and arrangement of bones of the human body; the properties, structure and functions of bone and cartilage; types of fractures, with question/answer sequences to test recognition; animated sequences showing fracture repair. Contained in Human biology : collection 3. Site licences, multiple copy discounts available; details from publisher

BBC 40 or 80t (please specify). RM Nimbus versions supplied with BBC- BASIC.

14-16+

Hurdles

See : Spot on games

Hydrogen spectrum

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £24.50 BBC Master Compact; £21.70 Acorn Archimedes; Amiga; RM Nimbus;

£24.50 RM Nimbus network; (up to 16 machines) £45.00; (up to 48 machines) £65.00

Disk

Chemistry; Secondary education; Sixth form education; Further education; A Level Examinations; Computer Graphics

Covers historical introduction; formation of emission spectrum; appearance of the spectrum; absorption spectra/empirical equations; why spectral lines are sharp; series of lines explanation; wavelengths, frequencies and energies of possible electronic transitions; uses of atomic spectra; other evidence for quantisation of energy levels; introduction to quantum numbers; multiple choice self test questions.

Only specify 80t if you cannot use 40t disks
16-18

Hydrogen spectrum

Bradley, G.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1984

BBC B; RM Nimbus; £5.00

Disk

Chemistry; Sciences; Secondary education; Simulation

Demonstrates the electron transitions which give rise to the spectral lines for hydrogen.

Hydrogen spectrum

See : Physical chemistry

Hydrology and statistics

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £19.50

Disk

Geography; Statistics; Secondary education; Further education; Sixth form education; General Certificate of Secondary Education; A Level Examinations

Contents: River (a river discharge analysis program); Basindem (a graphical demonstration model of the response of soil/base water store levels to rainfall); Basin (allows initial store levels/precipitations to be determined); Stats (determines the Pearson and Spearman correlation coefficients, the covariance, mean and standard deviation of each set of numbers and the regression line analysis equation)

Only specify 80t if you cannot use 40t disks
14-18

HyperTMON

Edinburgh: Apple Developers Group

198-

Apple Macintosh; £66.95

Disk

Utilities

An interactive HyperCard debugger for HyperTalk, allowing for manual or automatic single step execution, including XFCN and XCMD extensions, and allowing the user to keep track of local and global variables at all times in the Expressions windows. Status, Expressions and multiple Script Editor windows can be displayed individually or in any combination. Provides full support for multiple and large screens.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Hyperbook : the green disk

Harlow; Cambridge: Longman/Logotron

1989

IBM PC; Acorn Archimedes; RM Nimbus; £5.00

1 disk (5.25" or 3.5"); 2 leaflets

Information handling; Databases

A demonstration of "Hyperbook" - a book which can be read on screen, searched, glossaried and printed. "Hyperbook" aids research and learning, and takes advantage of information technology.

Hyperbook authoring system

Cambridge: Logotron

1989

RML Nimbus; Acorn Archimedes; IBM PC; £15.00

Utilities

For use with Hyperbook. Allows user to create own texts, complete with indices and annotations. Details from publishers.

Uses Hyperbook

12-18+

Hyperbook reader

Cambridge: Longman/Logotron

1989

RML Nimbus; Acorn Archimedes; IBM PC; £49.00 Site licences (all versions); £300.00 (Secondary); £175.00 (Primary)

Disk; manual

Reading skills; Primary education; Secondary education; Sixth form education; Further education; Cross curriculum;

Text research system; built in research tools make it easy to research text; call up definitions of difficult words; browse; link passages together; print out sections; make notes. Details and prices of Hyperbook texts - ready to use text files available from publishers - price range £10.00 - £25.00.

For use with Hyperbook texts. Site licence versions suitable for all IBM PC compatible, RML Nimbus and Archimedes micros, individually or over a network.

12-18+

HyperCard

Uxbridge: Apple Computers (UK) Ltd

198-

Apple Macintosh; £26.25

Disk

Information handling; Databases; Control technology; Authoring aids; Utilities

A collection of tools allowing user to create custom applications, organising and using information more flexibly than in traditional database managers. Each tool is a 1-function modular program, which may be moved from one application to another. Includes sample stacks, e.g. address file, calendar, clip art stack, etc. Features include cut and paste facility; ability to control videodisk players and CD-ROM drives for true multi-media capabilities. Program is free with every purchase of a Macintosh.

Works on current Macintosh systems with at

least 1Mb RAM; please check required configuration.

HyperCard AppleTalk toolkit

Edinburgh: Apple Developers Group

198-

Apple Macintosh; £6.50

Disk

Utilities; Communication

A package including XCMDs, XFCNs and source code for accessing AppleTalk network Supports Name Binding Protocol and AppleTalk Transaction Protocol.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

HyperCard developer's toolkit : version 1.0

Edinburgh: Apple Developers Group

198-

Apple Macintosh; £7.75

2 disks; documentation

Utilities

For use in conjunction with the HyperCard Script Language Guide, for HyperCard users who want to write XCMDs or XFCNs. Includes videodisk drivers and information on interface allowing new commands to be added to HyperCard from either C or Pascal; up-to-date set of Windoid newsletters from the HyperCard user group.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

HyperCard interactive video toolkit

Edinburgh: Apple Developers Group

198-

Apple Macintosh; £8.50

2 disks

Utilities

Software for using and creating HyperCard interactive video applications. Includes full X drivers and cable pin-outs for Hitachi; Sony; Panasonic and Philips videodisk players; sample multiple-button and single button videodisk controllers; complete list of HyperTalk videodisk commands; Index stack; advanced documentation and source code material.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

HyperCard serial communication toolkit

Edinburgh: Apple Developers Group

198-

Apple Macintosh; £6.50

Disk

Utilities; Communication

A package including XCMDs, XFCNs, example stacks and source code for serial communication from HyperCard, as well as a simple terminal emulator and bulletin board software.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

HyperDA

Edinburgh: Apple Developers Group

198-

Apple Macintosh; £42.25

Disk

Utilities

A desk accessory allowing even a Macintosh 512K to open a HyperCard stack at the browsing level from within other applications without using HyperCard itself. Allows text and graphics to be copied from a card, and text search to be carried out, but there are some limitations to the number of HyperCard facilities supported - e.g. will not respond to visual or sound effects.

Works on current Macintosh systems with at least 512K; please check required configuration.

HyperEngine

Edinburgh: Apple Developers Group

198-

Apple Macintosh; £75.25

Disk; documentation

Utilities

An application enabling Macintosh software developers to produce applications that directly access, display and operate HyperCard stacks in browse mode without HyperCard being present. Does not support XCMDs, XFCNs, visual or sound effects; but does support a sub-set of the HyperTalk scripting language. To achieve best effects, stacks to be accessed should be content rather than action centred.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

HyperKRS

London: Pergamon Compact

198-

Apple Macintosh; £500.00

Disk

Utilities; Information handling

An indexing system and retrieval package enhancing the search capabilities of HyperCard by automatically indexing every word in a stack. Completes all types of searches in seconds.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration. Requires HyperCard 1.2 or later.

HyperQL

Exeter: Maxima Communications plc

198-

Apple Macintosh; £300.00

Disk; manual

Data processing

The data retrieval engine behind ARCHIE, available as an independent XCMD, providing access to a complete database command set from the scripting level using techniques previously found only in mainframe database environments. Offers a file index/query management system for HyperCard applications. Available as a toolkit for developers.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

HyperQL CD ROM publishing kit

Exeter: Maxima Communications plc

198-

Apple Macintosh; details from publisher

CD ROM; manual

Data processing

As HyperQL but with additional utility to convert indexes to optimised read only structures to be used with a CD-ROM publication.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

HyperTutor

Edinburgh: Apple Developers Group

198-

Apple Macintosh; £26.50

Disk

Computer programming

A stack suitable for user wishing to master HyperCard, with one concept being learnt at a time using a frame by frame method. Frames give practice exercises using special Test Mac on each card. Demonstrates range of powerful techniques including creation of intelligent buttons and pop-up windows, time calculations, PostScript printing and automating of graphics and charts.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Hypothesis testing and confidence intervals

See: A level statistics

Ibix the Viking

Exeter: Minerva Software

198-

Games

Acorn Archimedes; £19.95

Disk

Computer games; Puzzles; Problem solving; Primary education; Secondary education

A game in which players must negotiate the viking territory, avoiding or overcoming the enemy, and plundering the treasure. Several difficulty levels. Includes games editor to allow user to design own game

RISC OS compatible

5+

IDEAComm Mac

Exeter: Maxima Communications plc

198-

Apple Macintosh; £995.00

Disk; SE board

Communication

A direct software and hardware Macintosh SE connection to IBM System 36/38 and AS/400 minicomputers. Terminal emulation software covers IBM 3180; 3196; 5291 Model 1; host file transfer software is available in all required formats.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Ideal gas investigator

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £24.50

Disk

Physics; Secondary education; Sixth form education; Further education; Simulation

An interactive simulation: students experiment on an ideal gas contained in the usual cylinder and piston arrangement represented in screen graphics: student move piston, vary temperature, while the p-v graph is drawn and energy flows indicated, under various conditions including isothermal and adiabatic. Includes tutorial and multiple choice test.

Only specify 80t if you cannot use 40t disks.

14+

Ideas for communications and control resource pack

Lego Dacta team

Wrexham: LEGO Dacta

1990

BBC; details from suppliers (available 1991) RM Nimbus; details from suppliers

Disks; teacher guide; user handbook; activity cards

Control technology; Secondary education; Puzzles; Problem solving; Cross curriculum; Communication; Craft, design, technology; Computer studies; Information handling; Databases

1869953169

Resource materials for introducing measurement, control and communications system, involving data collection and data handling as an integrated part of a project on measuring wind speed and acceleration. Disk contains menu based information collection and handling software and TC-Controller software. Involves designing and controlling X-Y plotters, reading bar codes, communication via fibre-optic cables

Requires LEGO technical control set; interface; and manual control panel

11-14+

Idelta

London: ILECC (Inner London Educational Computing Centre)

1986

RML 480Z; RML 380Z; RML network; £10.00 RM Nimbus stand alone; £15.00; RM Nimbus network; £30.00

1 disk; 1 handbook

Infant school education; Primary education; Databases; Computer games; Cross curriculum

The program is based on the 'Animal' game and is designed to help users to develop classification, discrimination and identification skills. The children are asked to think of an object and the computer asks questions until it can make a guess

7-12+

Identify Europe

Dunstable: Kosmos Software Ltd

198-

BBC B; BBC B+; BBC Master; Acorn Electron; Spectrum; (cassette) £7.95 BBC B; BBC B+; BBC Master; (5.25" disk) £8.95 BBC B; BBC B+; BBC Master; BBC Master Compact; Acorn Electron; (3.5" disk) £10.95 Spectrum Plus 3 (3.0" disk); £9.95

Disk/cassette

Geography; Primary education; Secondary education; Sixth form education; Further education; Adult education

A multiple choice quiz, covering countries, capitals and the major European seas, based on a detailed map of Europe. Includes a points scoring system and a results summary at the end of a session.

State whether disk/cassette required and computer type.

9+

IDP mini pack

Doncaster: RESOURCE

198-

BBC B; BBC Master 128; £26.50

Disk; documentation

Business education; Industry; Computer studies; Control technology; Secondary education; General Certificate of Secondary Education

A subset of the Industrial Data Processing pack. LEA/Regional licences and bulk purchase discount available

BBC B/Master 5.25" 40t DFS; 80t DFS available - £1.50 surcharge per disk

11-16+

IDP pack

Doncaster: RESOURCE

198-

BBC B; BBC Master 128; £76.95; Special offer £25.00

Disk; documentation

Business education; Industry; Computer studies; Control technology; Secondary education; General Certificate of Secondary Education

A pack exploring computer control in industrial processes, robotics, signal monitoring, etc., enabling teachers to create courses to meet the needs of the GCSE criteria. LEA/Regional licences and bulk purchase discount available

BBC B/Master 5.25" 40t DFS; 80t DFS available - £1.50 surcharge per disk

14+

Igraph

Newport, Lincoln: MEDUSA

198-

BBC B; BBC B+; BBC Master; £10.00

Disk

Mathematics; Sciences; Secondary education; Sixth form education; Further education; Computer graphics

Allows any function supported by Basic to be plotted in the Cartesian plane, with a choice of domain and range; allows different functions to be plotted on the same graph in 3 different colours for comparisons; corresponding x and y values of a function to be obtained; tangents to be drawn at a number of points on a curve and compared to its differential; area under a curve to be calculated. Curve fitting routine can be used to fit straight line, logarithmic and exponential functions to experimental data. Graphic dumps facility for Epson, Walters and Seikosha printers.

11-18

ILEA Logo

London: ILECC (Inner London Educational Computing Centre)

198-

RML 380Z; RML 480Z; RML network; £12.00

1 disk; 1 user guide; 1 handbook

Mathematics; Primary education; Computer programming; Computer graphics; Cross curriculum; Secondary education

The program gives users some basic skills in programming and in investigating open-ended situations using logical and creative methods. An implementation of a subset of MIT Logo offering all the 'turtle graphics' and arithmetic facilities with an increased work space. Additional features include multiple, user definable screen turtles and the ability to drive the floor turtle.

7-14+

ILECC concept

London: ILECC (Inner London Educational Computing Centre)

1989

RM Nimbus; £20.00

1 disk; 1 handbook

Computer programming; Primary education; Secondary education; Further education; Special educational needs; Utilities; Cross curriculum

The program provides an easy, user friendly way to set up a concept keyboard to use with most of the programs that run on the RM Nimbus PC. The user can decide which words or commands to have on the concept keyboard and which areas of the keyboard to associate with them.

The program supports parallel and serial concept keyboards and Research Machines are including it with all concept keyboards purchased from them.

7-18+

ILECC graphics system

ILECC (Educational Computing Services)

London: ILECC (Inner London Educational Computing Centre)

1987

RM Nimbus; version 1.51

1 disk; 1 handbook

Art; Design; Computer studies; Computer programming; Electronics; Secondary education; Further education

The ILECC Graphics System is a powerful, yet flexible graphics environment for programming portable interactive applications software. It is designed primarily with the busy programmer/software designer in mind. The package has been developed in conjunction with SCET in Glasgow who have produced the IBM and Archimedes versions

It is based on concepts of the ISO standard GKS, Microsoft C users will find this valuable

11-18+

ILECC run : a menu facility

London: ILECC (Inner London Educational Computing Centre)

198-

RML 380Z; RML 480Z; RML network; £10.00

1 disk; 1 handbook

Computer studies; Secondary education; Further education; Computer programming; Utilities

This package is designed to provide user friendly access to programs via a two layer menu system.

The first menu contains the major groups of activities or subject areas; the second has the software items. It is designed to run after load, the operating system and will take the user to the appropriate disk and level. The facility includes a library editor which enables users to add, amend and create library lists

Cos 4.0 onwards for editor

11-18+

Ileum : version 2.0

Hughes, I.

Cambridge: Biosoft

198-

IBM PC/PS2; Apple II; BBC B; 40.00

Disk; manual

Sciences; Biology; Simulation; Sixth form education; Further education; Adult education

Accurately simulates laboratory experiments investigating the effects of drugs on the in vivo guinea-pig ileum. Drugs available include a dozen familiar agonists which will contract the muscle, together with blockers of various sorts. Allows experiments to be mimicked to identify an unknown compound. Random elements are incorporated to simulate the inherent biological variability in response to the same dose of agonist. Can be used quantitatively or qualitatively; produces permanent record of results on a printer in the form of a chart trace which can be measured and analysed.

5.25" or 3.5" disk; BBC 40t or 80t; printer required - superior output on Epson compatible dot matrix machines with user definable graphics capability.

18+

Illustrator

Harrogate: Nidd Valley Micro Products Ltd.

198-

BBC B; BBC B+; BBC Master 128; £17.30 BB B; BBC B+; BBC Master 128; (with Digimouse) £43.39

Disk; documentation

Art; Design; Craft, design, technology; Computer graphics; Desktop publishing; Primary education; Secondary education

An easy to use versatile graphics program, in which drawings are created on the screen using the mouse to select options from the pull-down and pop-up windows. Contains extensive library of designs and facility for user created designs. Facilities include special effects; cut and paste; drawing options including line, multiline, ray, circle, ellipse, sector, curve and polygon; text choice of 2 styles and 3 sizes; facility to design own fonts; zoom and pixel editor. Available in pack with Colourbox

40t or 80t disk. Mouse driven

5+

Illustrator and Colourbox

Harrogate: Nidd Valley Micro Products Ltd.

198-

BBC B; BBC B+; BBC Master 128; £26.00 BB B; BBC B+; BBC Master 128; (with Digimouse) £52.10

Disk; documentation

Art; Design; Craft, design, technology; Desktop publishing; Primary education; Secondary education; Computer graphics

Contents: Illustrator; Colourbox. Programs available separately

40t or 80t disk. Mouse driven
5+

Im restaurant

See : Im restaurant and verkehrsunfall

Im Restaurant and Verkehrsunfall

Chepstow: AVP Computing
198-

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £19.50 BBC Master Compact; £21.70 Acorn Archimedes; Amiga; £24.50
Disk; worksheets

German; Modern languages; Secondary education; Sixth form education; Further education; Simulation

Two interactive role-playing simulations: Im restaurant (the student orders and meal and drink); Verkehrsunfall (student buys petrol, is involved in an accident, answers police questions).

Only specify 80t if you cannot use 40t disks
12+

Image

Daly, Fred; Forecast, Christopher; Spence, David

Cambridge: Cambridge Micro Software
1986

BBC B; BBC B+; BBC Master; £42.50 Econet; £80.00

2 disks; 1 booklet; optional keyboard overlay

Art; Design; Computer graphics; Home economics; Special educational needs; Primary education; Secondary education

0521328888 (BBC 40t); 052132971X (BBC 80t); 0521363616 (Econet 80t)

Image can mix colours and design patterns and textures on the computer screen. The colour components of these mixtures and textures can be adjusted after they have been drawn. The program is suitable for all age and ability bands.

BBC machines use 40/80t disks; Econet requires 80t disk

7-14

ImageStudio : version 1.5

London: Letraset UK Ltd.
198-

Apple Macintosh; £412.50 (single site volume discounts - details from publishers; free upgrades available.)

Disk

Art; Design; Craft, design, technology; Computer assisted design

An image enhancement tool for designing and editing images, producing high quality camera-ready half-tones. Facilities include set of fully customisable drawing, painting and air brushing tools; sophisticated memory management. Directly supports QuickCapture framegrabber.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Impression

Hemel Hempstead: Computer Concepts Ltd
1989

Acorn Archimedes; £149.00

Disk; manual

Word processing; Desktop publishing; Secondary education; Further education

A document processor with features including WYSIWYG; spelling checker; cut, copy and paste; variable line spacing, page size, type size, etc.; instant scroll to any point; style sheets; automatic text flow around graphics and text; and from frame to frame, page to page; choice of frame borders, styles, colours; multiple windows; Acorn outline font manager, etc.

Requires RISC OS

Improve your financial decision making : inter sector

Basingstoke: MacMillan Education

198-

Open BTEC Macmillan : Updating for business

BBC; £79.00

Disk

Business education; Further education; Adult education

0333456106

Software from unit from the Updating for business training package, reflecting industrial needs. Requires active participation; easy to assimilate; allows student to work at own pace. Tutor guide available separately - £8.95.

18+

Improve your financial decision making : exercise Fintech

Basingstoke: MacMillan Education

198-

Open BTEC Macmillan : Updating for business

BBC; £79.00

Disk

Business education; Further education; Adult education

0333456114

Software from unit from the Updating for business training package, reflecting industrial needs. Requires active participation; easy to assimilate; allows student to work at own pace. Tutor guide available separately - £8.95.

18+

In a spin

Jones, T

Glasgow: Scetlander

Adult numeracy/literacy

BBC B; BBC B+; BBC Master 128; £12.50

Disk (80t)

Language; Spelling; Further education; Adult education; Special educational needs; Computer games

1855720760

Reinforces adult basic literacy skills in a "hangman" game format where the student attempts to guess the word by selecting one letter at a time from a letter scan. Incorporates features for switch users

BBC 5.25" disk (80t)

18+

In addition

See: MAPE compendium

In other words

Birmingham: Daco Software

198-

BBC B; BBC B+; BBC Master; (Electronic book) £29.95

Disk; overlay sets

English (second language); Special educational needs; Primary education; Secondary education

Helps pupils recognise and read words in English, Panjabi, Urdu, Bengali, Gujarati, Hindi, Arabic or Gaelic. Words are presented on screen in English and pupil presses appropriate word on the overlay which is in the other language.

Electronic book

7+

In other words : Arabic

Birmingham: Daco Software

198-

BBC B; BBC B+; BBC Master; (Electronic book) £15.50

Disk; overlays

English (second language); Special educational needs; Primary education; Secondary education

Helps pupils recognise and read words in English and Arabic. Words are presented on screen in English and pupil presses appropriate word on the overlay which is in Arabic. Additional set of overlays available separately - £5.00.

Electronic book

7+

In other words : Bengali

Birmingham: Daco Software

198-

BBC B; BBC B+; BBC Master; (Electronic book) £15.50

Disk; overlays

English (second language); Special educational needs; Primary education; Secondary education

Helps pupils recognise and read words in English and Bengali. Words are presented on screen in English and pupil presses appropriate word on the overlay which is in Bengali. Additional set of overlays available separately - £5.00.

Electronic book

7+

In other words : Gaelic

Birmingham: Daco Software

198-

BBC B; BBC B+; BBC Master; (Electronic book) £15.50

Disk; overlays

English (second language); Special educational needs; Primary education; Secondary education

Helps pupils recognise and read words in English and Gaelic. Words are presented on screen in English and pupil presses appropriate word on the overlay which is in Gaelic. Additional set of overlays available separately - £5.00.

Electronic book

7+

In other words : Gujarati

Birmingham: Daco Software

198-

BBC B; BBC B+; BBC Master; (Electronic book) £15.50

Disk; overlays

English (second language); Special educational needs; Primary education; Secondary education

Helps pupils recognise and read words in English and Gujarati. Words are presented on screen in English and pupil presses appropriate word on the overlay which is in Gujarati. Additional set of overlays available separately - £5.00.

Electronic book

7+

In other words : Hindi

Birmingham: Daco Software

198-

BBC B; BBC B+; BBC Master; (Electronic book) £15.50

Disk

English (second language); Special educational needs; Primary education; Secondary education

Helps pupils recognise and read words in English and Hindi. Words are presented on screen in English and pupil presses appropriate word on the overlay which is in Hindi. Additional set of overlays available separately - £5.00.

Electronic book

7+

In other words : Panjabi

Birmingham: Daco Software

198-

BBC B; BBC B+; BBC Master; (Electronic book) £15.50

Disk; overlays

English (second language); Special educational needs; Primary education; Secondary education

Helps pupils recognise and read words in English and Panjabi. Words are presented on screen in English and pupil presses appropriate word on the overlay which is in Panjabi. Additional set of overlays available separately - £5.00.

Electronic book

7+

In other words : Urdu

Birmingham: Daco Software

198-

BBC B; BBC B+; BBC Master; (Electronic book) £15.50

Disk; overlays

English (second language); Special educational needs; Primary education; Secondary education

Helps pupils recognise and read words in English and Urdu. Words are presented on screen in English and pupil presses appropriate word on the overlay which is in Urdu. Additional set of overlays available separately - £5.00.

Electronic book

7+

In the dark

See: VETAS (O/T remedial software series 3)

Incendie a l'hotel

Burke, Elisabeth

London: Wida Software Ltd

1986

BBC B; BBC B+; BBC Master; £20.00 BBC Econet Level 2/3; £40.00

Disk; map

Modern languages; French; Primary education; Secondary education; Adventure simulation; Computer games

A race against time in which learners of French have to try to escape from a burning hotel, going from room to room collecting useful objects, and using correct French to type in instructions.

BBC 40/80t; programs convertible by user for Master Compact

8-15

Income tax calculator

See: Retail price index and income tax calculator

Indent-a-min

Loader, Pete

St. Just: MJP (Michael Jay Publications)

198-

BBC B; BBC B+; BBC Master; £14.95 RML Nimbus; details from publishers

Disk

Geography; General Certificate of Secondary Education; Databases; Secondary education

A compendium of rock-forming and ore minerals, testing knowledge of these minerals via physical properties of colour, composition, streaks etc. and other distinguishing features.

BBC 40t disk unless otherwise requested.

12-15

Indent-a-rock

Loader, Pete

St. Just: MJP (Michael Jay Publications)

198-

BBC B; BBC B+; BBC Master; £14.95 RML Nimbus; details from publishers

Disk

Geography; General Certificate of Secondary Education; A Level Examinations; Secondary Education; Sixth form education; Further education

Provides information about main rock types and tests knowledge through objective test sequences, as in Indent-a-min.

BBC 40t disk unless otherwise requested.

12-16+

India and Australia

Chepstow: AVP Computing

198-

Basic regional geography

BBC B; BBC B+; BBC Master 128; Electron; £17.50 BBC Master Compact; £19.70 Acorn Archimedes; RM Nimbus; Amiga; £24.50 Econet; £52.50

Disk

Geography; Secondary education

Helps in teaching basic features - names, positions of seas; rivers; towns; mountains, etc. Includes interactive sequences which allow for and correct spelling errors

Only specify 80t if you cannot use 40t disks 11+

India population study

Glasgow: CDG (Scotland) Ltd.

198-

BBC B; BBC B+; BBC Master 128; £15.50 Acorn Archimedes; IBM PC; RM Nimbus; £21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

Geography; Databases; Secondary education; Sixth form education; Sociology

1853950297

A comparative, state-based examination of India's main population characteristics, covering population numbers; population density; male/female composition; male/female workers; religious distributions; population distribution; population changes; rural/urban composition; castes and tribes. Structured modular work units accommodate all ability levels; integrate computer procedures and assist in the acquisition of knowledge and understanding, developing enquiry, evaluation and analysis skills, etc. Optional Epson compatible screen dump (BBC/Nimbus only) available - £7.50 (BBC); £13.50 (Nimbus). Discounts available for purchase of any two or more datapacks - details from publishers

Please state format required: BBC 40 or 80t disk IBM PC (EGA/ECD only)

14-18

India social study

Glasgow: CDG (Scotland) Ltd.

198-

BBC B; BBC B+; BBC Master 128; £15.50 Acorn Archimedes; IBM PC; RM Nimbus; £21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

Geography; Sociology; Databases; Secondary education; Sixth form education

1853950300

An in-depth range of data for exploring aspects of daily life in India. State based data is included on deaths; disease; education; family planning; housing; juvenile crime; medical services. Structured modular work units accommodate all ability levels; integrate computer procedures and assist in the acquisition of knowledge and understanding, developing enquiry, evaluation and analysis skills, etc. Optional Epson compatible screen dump (BBC/Nimbus only) available - £7.50 (BBC); £13.50 (Nimbus). Discounts available for purchase of any two or more datapacks - details from publishers.

Please state format required: BBC 40 or 80t disk IBM PC (EGA/ECD only)

14-18

Indian agriculture

Glasgow: CDG (Scotland) Ltd.

198-

BBC B; BBC B+; BBC Master 128; £15.50 Acorn Archimedes; IBM PC; RM Nimbus; £21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

Geography; Databases; Secondary education; Sixth form education

1853950300

A study of the agrarian structure, through data on Land utilisation; irrigation; forests; milk produce; principal crops; wool production; forest produce; implements; crop yields; silk production; livestock and machinery. Structured modular work units accommodate all ability levels; integrate computer procedures and assist in the acquisition of knowledge and understanding, developing enquiry, evaluation and analysis skills, etc. Optional Epson compatible screen dump (BBC/Nimbus only) available - £7.50 (BBC); £13.50 (Nimbus). Discounts available for purchase of any two or more datapacks - details from publishers.

Please state format required: BBC 40 or 80t disk; IBM PC (EGA/ECD only)

12-18

Indian farmer

Noakes, Philip; Riley, David; Watson, Deryn

Harlow: Longman Micro Software

1988

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; Acorn Archimedes; £19.50 RM Nimbus/Network; £30.00

Disk; 1 documentation booklet; students' leaflets

Geography; Secondary education; Personal and social education; Simulation

0582267137

A simulation of the life story of a rice farming family living in the Middle Indo-Gangetic Plain, with students making decisions on planting rice and millet, and "experiencing" family life in a changing, near-subsistence economy.

BBC 40t, 5.25" DFS disk; Archimedes compatible 3.5" disk; Nimbus/Network 3.5" disk
13-16

Industrial chemistry and other 16+ topics

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £19.50 Acorn Archimedes; RM Nimbus; £24.50 RM Nimbus network; (up to 16 machines) £45.00; (up to 48 machines) £65.00 Econet; £58.50

Disk

Chemistry; Industry; Secondary education; General Certificate of Secondary Education

11 programs, five illustrating the industrial processes of iron and steel, aluminium and sodium manufacture; mercury cell; copper refining; Salt (ch ooses salts, explains how they are made); Struct and Ionic (illustrate the formation of covalent and ionic compounds); Eletro and Valency (tests knowledge of electrolysis and valency); Surface (illustrates variation of surface area with particle size)

Only specify 80t if you cannot use 40t disks

14-16

Industrial chemistry pack

Harlow: Longman/Logotron

198-

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; £33.00 RM Nimbus/Network; £44.00

1 disk; teachers' guides; data sheets; students' leaflets

Chemistry; Sciences; Economics; Secondary education; Sixth form education; Further education; Simulation

0582270626

Contents: Siting an aluminium plant; (raising the issues to be considered when planning siting/production targets of an aluminium smelting plant); The manufacture of sulphuric acid (weighing the conflicting demands of best equilibrium yield, high daily production and profitable manufacture)

BBC 40t 5.25" DFS; Nimbus/Network 3.5" disk
13-18

Industrial chemistry

Dolgellau: Science Education Software

198-

BBC B; BBC Master 128; Econet; £24.00 + VAT RM Nimbus; Acorn Archimedes; £25.00 + VAT RM Nimbus Network; £40.00 + VAT

Disk

Chemistry; Sciences; A level examinations; Sixth form education; Secondary education; Simulation

Contains three industrial simulations: the Haber process for producing ammonia; the Ostwald process for producing nitric acid; the Contact process for producing sulphuric acid.

BBC 40t, 5.25" disk; BBC 80t, 5.25" disk; RM Nimbus, Acorn Archimedes, 3.5" disk
16-19

Industrial locations

Studley: LTS (Learning and Training Systems)

198-

BBC B; BBC Master; BBC Master Compact (disk or networked); £29.95

Disk; reference material; activity sheets

Business education; Spreadsheets; Secondary education; Sixth form education; Further education

A spreadsheet management system, data and resource material illustrating the use of a spreadsheet in industrial location choice; in climate, water and population studies. Integrates with Desktop modules.

Network software on 80t DFS with transfer instructions. For stand alone software, please specify format required.

11-18+

Industrial pack

Harlow: Longman Micro Software

198-

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; Acorn Archimedes; £45.00 BBC Econet; SJ file server; ARCOM E-Net; RM Nimbus/Network; £55.00

Disk

Geography; Industry; Secondary education; Sixth form education; Further education; Simulation; Computer games

Contents: Prospecting game (simulation of exploration/exploitation of metallic mineral resource in Third World country - raises issues on development of resources in the Third World); Siting an aluminium plant (raises factors influencing the planning, siting and production targets of an aluminium smelting plant); Windmill game (based on Weber's location theory: pupils in the role of experts try to find

new least cost sites for windmills in an imaginary wheat growing island).

BBC 40t, 5.25" DFS disk; BBC 80t, 5.25" disk; Archimedes compatible 3.5" disk; Nimbus/Network 3.5" disk

12-18

Industrial revolution

London: Sussex Publications Ltd; World Microfilms

198-

History revision on micro-computer

BBC B; BBC B+; £18.95 Econet level 2; £29.95

Disk; manual

History; Secondary education; General Certificate of Secondary Education

Practical revision aid, with features including introductory material and maps where relevant. Covers the causes; textiles; coal; iron; from wind to steam. Available in set: History revision on micro-computer

BBC 40t or 80t disk

11+

Infant disc : from the MEP Infant and first schools pack

MEP

Oldham: NCET/MESU, North West SEMERC
198-

Blue file

BBC B; £4.50

40t; 1 disk; 1 documentation booklet; 7 A4 concept keyboard overlays; 7 A3 concept keyboard overlays

Special educational needs; Primary education

Contents: Treasure hunt; Puzzle farm; Play train; Bricks; Mosaics; Jumbo; Toyshop A collection of programs from the MEP Infant and first schools pack that have been modified for use with or without the concept keyboard. Freely copiable for educational use in the UK.

Infant farmer

McQueen, Mary

Huntingdon: Cambridgeshire Software House

1985

BBC B; BBC B+; BBC Master 128; BBC Master Compact; £15.00 Site licence; £30.00

1 disk; 1 booklet

Sciences; Infant school education; Primary education; Adventure simulation

A program that caters for the youngest child to allow its imagination to wander around the farm, feed and herd the cows and bring the duck home using one of the three levels of difficulty (simple arrow keys, direction and distance or in the form of a simple program which will please Logo users)

5+

Infant maths snap

Sherston Software

Sherston: Sherston Software

1984

BBC B; BBC B+; BBC Master; BBC Master Compact; (single pack) £12.50 BBC B; BBC B+; BBC Master; BBC Master Compact; (small lab pack) £25.00 BBC B; BBC B+; BBC Master; BBC Master Compact; (large lab pack) £37.50

Single pack: 1 disk; 1 teacher's book Small lab pack: 1 copy of full pack plus 5 extra copies of disk Large lab pack: 2 copies of full pack plus 10 extra copies of disk

Mathematics; Preschool education; Infant education; Primary education; Computer games
Six different games to aid understanding and learning of numbers up to 20. Covers sets, numbers, number games and split sets, showing simple addition and subtraction

BBC 40t 5.25" DFS; BBC 80t 5.25" DFS; BBC Compact 3.5" ADFS disk. 3.5" DFS and 5.25" ADFS disks also available

4-7

Infant pack

Straker, Anita

London: Capital Media

198-

BBC B; RML 480Z; £5.00

Disk

Infant school education; Primary education; Cross curriculum; Databases; Information handling; Word processing; Creative writing; Reading skills

Content: Our facts (a database program); Writer (an easy to use word processor); Infant tray (exploits group dynamics and allows children to build on what they already know on language and reading).

BBC 40t s/s, s/d disk; RML 480Z d/s, d/d disk.

1-7

Infant software box

Wisbech, Cambridgeshire: esm

198-

BBC B; BBC B+; BBC Master 128; £100.00

Disks

Language; Reading skills; Mathematics; Preschool education; Infant school education; Primary education; Computer games

For all early learners - matching, sorting, visual perception, early reading, language, counting. Contents: Colourcopter; Numbercopter; Jigsaw and Sliding block; Colour and shape snap; Podd; Let's count. Programs available separately.

BBC 5.25" disk

3-7

Infant tray

See: Infant pack

Infants' suite

Chapman, J.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1987

BBC B; £4.00

Disk

Mathematics; English; Language; Reading skills; Infant school education; Primary education

Encourages skills such as numeracy, counting, reading and coordinates. Contents: Bunnies (an elementary counting program); Animals (children are required to sort animals into rats, dog and cat); Carrots (provides fun with simple coordinates).

5-7

Information handling pack

Coventry: NCET/MESU

1988

BBC B; BBC Master; BBC Master Compact; £7.95

3 disks; book; documentation

Primary education; Secondary education; Information handling; Computer graphics; Cross curriculum; Databases; Computer games; Word processing

1853790605

Contents: Our facts; Datashow; Notice board; Branch; Sorting game. Using these programs children can pose and test hypotheses, interpret and analyse results, and display the data in different ways. Pack also included in Data handling in primary science pack. Licensing agreements/large bulk orders; details from publishers

5+

Information sheets

Coventry: Bristol SEMERC; NCET/MESU

1990

BBC B; BBC B+; BBC Master; details from publishers

Disk;

Primary education; Secondary education; Special educational needs; Mathematics

A pack of information on materials and aids for visually impaired pupils, and how IT can support their learning. Also includes case studies of pupils using some of the material listed. Licensing agreements/large bulk orders: details from publishers

80t, d/s disk

Information skills

See: Information technology project : a complete modular course in IT : teaching pack 1

Information technology project a complete modular course in IT : teaching pack 1

Strong, Trisha; McGee, Paul

Harlow: Longman Micro Software

198-

BBC B; BBC B+; BBC Master 128; Acorn Archimedes; £40.00 RM Nimbus/Network; £50.00

Disk; Teacher's guide; Pupils books 1-6

Computer studies; Secondary education; Simulation

Contents: 1: Introducing information (information sources/handling processes; relevance, availability and accuracy of information); 2: Information skills (recording, evaluating, presenting and applying information); 3: The information technology family (computers; information retrieval; microchip-based home appliances); 4: Storing information (information storage/retrieval; use of library facilities); 5: Representing information (evaluation of coding techniques; analogue/digital representation); 6: Applications and implications (uses of computers; data capture methods; public concern re data security).

BBC 40t, 5.25" DFS disk; Archimedes compatible 3.5" disk; Nimbus/Network 3.5" disk

11-14

Information technology project a complete modular course in IT : teaching pack 2

Strong, Trisha; McGee, Paul

Harlow: Longman Micro Software

198-

BBC B; BBC B+; BBC Master 128; Acorn Archimedes; £40.00 RM Nimbus/Network; £50.00

Disk; Teacher's guide; Pupils books 7-12

Computer studies; Secondary education; Simulation

Contents: 7: Communication (manual, electronic, broadcast transmission methods); 8: Electronic office (impact of IT on office staff; information handling); 9: Modelling and simulation (a non-mathematical approach to models to simulate events and to forecast); 10: The concept of a system (the relationship between input, output, storage, process and transmission); 11: Control technology (feedback principles of devices accepting inputs to control outputs); Applications and implications II (further applications/wider implications of new technology).

BBC 40t, 5.25" DFS disk; Archimedes compatible 3.5" disk; Nimbus/Network 3.5" £11-14

Information technology for craft, design and technology

Coventry: NCET/MESU

198-

BBC B; BBC Master; £40.00

2 disks; documentation

Craft, design, technology

A compendium of ideas and materials for teachers, trainers, advisers and advisory teachers for IT and CDT. Includes case studies illustrating strategies for implementation of IT in the design curriculum and imaginative use of IT resources and an evaluation of a range of products and materials. Contains Quicktrack (a design drafting program); and Contact (a powerful control program)

Information technology family

See: Information technology project : a complete modular course in IT : teaching pack 1

Infoview

CommuniTel Systems Ltd

1984

BBC B; BBC B+; BBC Master 128; Econet; £55.00

Primary education; Secondary education; Viewdata; Databases; Creative writing
0946039127 094603933X 0946039348

A complete viewdata system, written in association with 'CommuniTel'; allows viewdata frames to be designed, linked into a database, a branching story or a carousel display. The addition of a modem allows access to Prestel & other viewdata systems, downloading pages and incorporating them into local databases.

Runs across a level 2 or 3 Econet system
7+

Inheritance

See: Heredity pack

Inheritance

Garland, John M.

Plymouth: Garland Computing

1983

Genetics: collection 1

BBC B; BBC B+; BBC Master 128; £14.45 RM

Nimbus; £16.60 Nimbus network; £34.25

Econet; £32.10

Disk

Genetics; Secondary education; Sixth form education; Further education; Computer graphics; Simulation

Simulates experiments from which properties of Mendelian inheritance may be deduced; data may be analysed statistically; covers hybrid cross; dihybrid cross; incomplete dominance; collaborative genes. BBC version contained in Genetics: collection 1. Site licences, multiple copy discounts available; details from publisher

BBC 40 or 80t (please specify). RM Nimbus versions supplied with BBC- BASIC.

16+

Initial consonant blends

Forbes, Stuart

Cardiff: Drake Educational Associates

198-

Language centre

BBC B; BBC B+; BBC Master; £12.00

1 disk; 1 booklet

Language; English; Reading skills; Infant school education; Primary education; Special educational needs

The program is designed to help pupils to develop their study skills and also suitable for testing learning difficulties

5+

Initial consonants

Forbes, Stuart

Cardiff: Drake Educational Associates

198-

Language centre

BBC B; BBC B+; BBC Master; £12.00

1 disk; 1 booklet

Language; English; Reading skills; Primary education; Infant school education

A range of micro programs which supplement the language skills project, introduced in 1973. This was developed by teachers for teachers to help to meet the challenge of mixed ability groups. There are seven titles which cover a wide range of phonic and word attack skills.

5+

Inland waterways

Norwich: ITV Schools

1990

Key datafiles

BBC B; BBC B+; BBC Master 128; £17.25 RM Nimbus; £18.40 Acorn Archimedes; details to be announced

Disk; Information sheets; Worksheets

History; Primary education; Secondary education; Information handling

Datafile for use with Key. Over 500 separate stretches of waterway are included, together with information on building, lengths, nearest towns, map references, engineers, costs, cargoes and

use today. For use when investigating 18th and 19th century history

BBC, 5.25" DFS; Converts for Key 128 or Key Econet

8-18+

Inorganic analysis and Identification of gases

Studd, John M.

Plymouth: Garland Computing

1985

Understanding chemistry

BBC B; BBC B+; BBC Master 128; £13.85 RM

Nimbus; Acorn Archimedes; £16.30 Nimbus

network; £33.95 Econet; £31.50

Disk

Chemistry; Secondary education

For use in self-tuition/revision. 2 programs supplement practical work in organic analysis of up to 61 compounds, and the properties and preparation of 15 of the most commonly studied gases. Site licences, multiple copy discounts available; details from publisher

BBC 40 or 80t (please specify). RM Nimbus versions supplied with BBC- BASIC.

13-16

Inorganic names and formulae

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £19.50 BBC

Master Compact; £21.70 Amiga; IBM PC and compatibles; £24.50 Econet; £58.50

Disk

Chemistry; Secondary education; General Certificate of Secondary Education; A Level Examinations

Contents: Balancing of equations (an against the clock exercise); Inorganic formulae part 1 (formulae and notes on names for c.1200 salts, 30 acids); Inorganic formulae part 2 (questions on formulae/names); Questions on first 20 elements of the period table

Only specify 80t if you cannot use 40t disks

13-16

Input

See: Census analysis

Inside science

Smith, Peter

London: BBC Enterprises / Longman-Logotron

1988

BBC B; BBC B+; BBC Master 128; £22.00

1 disk; documentation (1 booklet)

Sciences; Physics; Environmental education; Craft, design, technology; Computer studies; Secondary education; Simulation; Computer games; Design; Home economics

0563228822

A pack of four programs which allow pupils to control a nuclear power station, deal with an accidental pollution, spillage, choose materials to design a car or kitchen, and teach a computer to play noughts and crosses

12+

Instant access utilities

Exeter: Minerva Software

Educational Software INH - INS

198-

Amstrad CPC 6128; 664; 464; £29.95

Disk

Utilities

A full range of utilities, including random access, sector editing, error handling, etc. Site licences available.

Instant art : UK Atlas

Glasgow: Persona TMC Ltd

198-

Instant Art

Apple Macintosh; £29.00

Disk

Geography; Secondary education

Consists of a 4-disk set of maps of the UK and Europe, all of which may be re-sized without distortion, or edited within Adobe Illustrator or a similar program.

Works on Macintosh systems with at least 1Mb RAM; please check required configuration.

11+

Instant art : Christmas

Glasgow: Persona TMC Ltd

198-

Instant Art

Apple Macintosh; details from publisher

Disk

Art; Design; Craft, design, technology; Computer assisted design; Computer graphics

Bit-mapped images for use with any MacPaint-compatible program or with HyperCard on the theme of Christmas.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Instant art : education

Glasgow: Persona TMC Ltd

198-

Instant Art

Apple Macintosh; details from publisher

Disk

Art; Design; Craft, design, technology; Computer assisted design; Computer graphics

Bit-mapped images for use with any MacPaint-compatible program or with HyperCard on the theme of education.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Instant art : food and drink

Glasgow: Persona TMC Ltd

198-

Instant Art

Apple Macintosh; details from publisher

Disk

Art; Design; Craft, design, technology; Computer assisted design; Computer graphics

Bit-mapped images for use with any MacPaint-compatible program or with HyperCard on the theme of food and drink.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Instant art : hands

Glasgow: Persona TMC Ltd
198-

Instant Art

Apple Macintosh; details from publisher
Disk

Art; Design; Craft, design, technology;
Computer assisted design; Computer graphics

Bit-mapped images for use with any MacPaint-compatible program or with HyperCard on the theme of hands.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Instant art : symbols

Glasgow: Persona TMC Ltd
198-

Instant Art

Apple Macintosh; details from publisher
Disk

Art; Design; Craft, design, technology;
Computer assisted design; Computer graphics

Bit-mapped images for use with any MacPaint-compatible program or with HyperCard on the theme of symbols. Also available in Encapsulated PostScript file format for editing in programs such as Adobe Illustrator and printed on PostScript devices.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Instant art : tourist symbols

Glasgow: Persona TMC Ltd
198-

Instant Art

Apple Macintosh; details from publisher
Disk

Art; Design; Craft, design, technology;
Computer assisted design; Computer graphics

Bit-mapped images for use with any MacPaint-compatible program or with HyperCard on the theme of tourist symbols.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Instant art : weddings

Glasgow: Persona TMC Ltd
198-

Instant Art

Apple Macintosh; details from publisher
Disk

Art; Design; Craft, design, technology;
Computer assisted design; Computer graphics

Bit-mapped images for use with any MacPaint-compatible program or with HyperCard on the theme of weddings.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Instant UK atlas

Glasgow: Persona TMC Ltd
198-

Apple Macintosh; £29.00

Disk

Geography; Primary education; Secondary education

Available in bit-mapped and EPSF file formats. PostScript version available - consists of a 4-disk set of maps of the UK and Europe, a 11 of which may be re-sized without distortion, or edited within Adobe Illustrator or a similar program.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

7+

Insulin : a simulation of the control of blood sugar level

Kahn, Brian

Cambridge: Cambridge Micro Software
198-

BBC B+; BBC Master; £22.50

1 Disk (40/80t); 1 teacher's handbook

Biology; Secondary education; Sixth form education; Further education; Simulation

052132887X

Simulates feedback pathways involving the hormones insulin, glucagon and adrenaline - three levels of complexity.

Intbas Version 3 : integer basic compiler

Leamington Spa: SPA (Software Production Associates)

198-

RML 380Z; RML 480Z; £28.00 RML 480Z Network; £78.00

Disk; Manual

Utilities

A simple to use interactive Basic compiler system, which compiles 'Integer Basic' programs into Z80 machine code. Includes a full screen editor; supports very extensive range of facilities. Useful for writing sophisticated systems software, simulations, speedy games and real time control/monitor. Includes advanced graphics support. Extra manuals available: £5.00.

Structured version. With direct access files.

Intensive weather monitoring

See: Practical meteorology. 2: Small scale weather patterns

Inter and view link

Exeter: Minerva Software
198-

BBC B; BBC B+; Master 128; Master Compact; £19.95

Disk

Utilities; Information handling; Primary education; Secondary education; Sixth form education; Further education

Links to the View and Inter products; can transfer data in more ways than can those two product ranges. Transfer can be the results of any mathematics calculation on any fields within the database. Records may be passed directly or as a complex analysis. Site licences available

Interactive database

Addinall, Dr. Eric; Ellington, Dr. Henry

London: UKAEA (United Kingdom Atomic Energy Authority)

BBC; IBM PC; £10.00

Disks; teacher's guide

Databases; Information handling; Data processing; Sciences; Secondary education; Sixth form education; Further education

An interactive database on the use of energy & electricity in Britain

40t or 80t

11-18

Interceptor

Langley, Nr. Slough: Electronic Arts Ltd
198-

Amiga; £24.99

Disk

Computer games

Interdictor flight simulator

Northwich: Clares Micro Supplies
198-

Acorn Archimedes; £34.95 (software) Acorn Archimedes; £59.95 (software and joystick)

Disk

Adventure simulation; Puzzles; Problem solving

A realistic flight simulator, using data and simulation techniques derived from commercial systems. Facilities include intelligent enemy aircraft; enemy surface-to-air missiles; cannons; sidewinders; air-to-ground rockets; ground-to-air guns; flares; chaff

3.5" disk; uses mouse or joystick

InterfaceR

Exeter: Maxima Communications plc
198-

Apple Macintosh; £225.00

Disk

Communication

A software shell to create a Macintosh-style environment for Macintosh systems running A/UX, Apple's implementation of Unix. Allows A/UX functions to be performed using icons, windows, menus and the mouse instead of A/UX syntax. Supports true multi-tasking of A/UX processes.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Interference and diffraction of waves

London: King's College, Chelsea
198-

Apple Macintosh II, IIc, IIfx; Acorn Archimedes (transfers under consideration); BBC B; BBC B+; BBC Master 128; RML 380Z; RML 480Z; RM Nimbus; IBM PC

1 disk; 1 booklet

Sciences; Physics; Secondary education; Sixth form education; Further education; Simulation

This program allows to investigate two slit interference patterns. Students make measurements on a two slit pattern using 3cm waves and compare the computer predictions for various models with their observations.

15-19

Intersheet window

RCEVH (Research Centre for the Education of the Visually Handicapped)

Oldham: Northwest SEMERC

198-

BBC B; BBC B+; BBC Master 128; £7.00

Disk

Special educational needs; Life skills; Infant school education; Primary education; Secondary education; Further education; Adult education; Spreadsheets

For visually handicapped people with some keyboard skills and some sight, wishing to use software not adapted for the partially sighted. Provides window display of up to 16 characters around point of typing.

Dolphin Window 16 character display. Requires Computer Concepts Intersheet chip(s).

5+

Intervu

Crowley, T.

Richmond: Trotman & Co Ltd

198-

BBC B; BBC B+; BBC Master; £12.00

1 disk; 1 booklet

Careers; Sociology; Personal and social education; Secondary education; Further education; Sixth form education; Adult education

The program can be used to analyse recorded interviews and identify weaknesses in interview techniques. To make full use of the program users are required to monitor live or recorded interviews and have some practice in coding the interactions

The program will work on network systems

14-Adult

Inter-chart

Hemel Hempstead: Computer Concepts Ltd

198-

Acorn Archimedes; £25.00 (ROM); £19.00 (disk)

ROM or Disk; manual

Computer graphics; Primary education; Secondary education; Further education

A comprehensive chart and graph plotting program. Features include facility to input data from keyboard or file; support for bar charts, line graphics and pie charts; up to 16 graphs in memory at once; overlay/print of any combination of graphs; automatic or manual labelling; adding/editing text at any part of the screen; use of Archimedes extended colour range

Runs under 6502 emulator; suitable for both Arthur and RISC OS operating systems

8-16+

Inter-sheet

Hemel Hempstead: Computer Concepts Ltd

198-

Acorn Archimedes; £39.00 (ROM); £29.00 (disk)

ROM or disk; manual

Spreadsheets; Primary education; Secondary education; Further education

An easy to use spreadsheet package. Features include individually adjustable column widths; full range of mathematical functions; 40,80 and

132 column screens; lockable boxes, rows and columns; selectable print area. Files can be transferred to Inter-word or Inter-Chart.

Works with both Arthur and RISC OS operating systems. ROM requires ROM module

8-16+

Inter-word

Hemel Hempstead: Computer Concepts Ltd

198-

Acorn Archimedes; £39.00 (ROM); £29.00 (disk)

ROM or Disk; manual

Word processing; Secondary education; Further education

A full feature menu-driven WYSIWYG word processor. Features include ruler controlled margins and tabs; on-screen display of printer highlights and text alignments; multi column layout and printing; multi file operation, etc.

Runs under 6502 emulator. ROM requires ROM module

12-16+

Into the unknown

Brighton: Tressell Publications

198-

BBC B; BBC B+; BBC Master 128; BBC Master Compact; Econet; RM Nimbus; RM Nimbus network; £30.00

Disk; 3 sets of 4 information sheets; 3 posters; 2 charts; 30 grid record sheets; teachers' notes

History; Geography; Adventure simulation; Primary education; Puzzles; Problem solving

0907586120

A simulation of a 15th century voyage of discovery, in which pupils in the role of Portuguese voyagers explore the dangerous seas and continents of Africa and South America

BBC 40/80t disk; 80t disk can be transferred to Econet levels 2 & 3

10-14

Intree

See: Micros in the primary classroom : module 4

Intro tray and Concept

Moy, Bob; Blamires, Mike; Hopkins, Chris

Oldham: NCET/MESU, North West SEMERC

198-

Blue file

BBC B; £5.00

40t; 2 disks; 1 documentation booklet; 10 A3 concept keyboard overlays; 10 A4 concept keyboard overlays

Special educational needs; Word processing; Primary education; English; Language

Contents: Intro. Tray; Create; Partly complete Tray; Make an overlay. A version of Tray which allows the use of the concept keyboard and ten lines of text. The text can be printed out at any point in double height characters; also allows text to be taken from most word processors. Freely copiable for educational use in the UK

Intro tray and Create

Blamires, Mike (adaptor); Hopkins, Chris (adaptor)

Bristol: NCET/MESU, Bristol SEMERC

1988

BBC B; BBC Master; £2.50

1 disk

English; Primary education; Secondary education

1 copy of this pack is also held in: 'Blue file software. Vol. 1' (BBC B; 40t). Contains information leaflet also. (This version may be obtained from North West SEMERC). Contents: Intro tray; Create; Partly complete tray; Make an overlay. Freely copiable for educational use in the UK.

40t

Introducing geography

Freeman, Diana; Tapsfield, Andrea; Neale, Susan; (et al.)

London: BBC Enterprises / Longman-Logotron 1984

BBC B; BBC B+; BBC Master 128; 40t; £22.00

2 disks, double sided; documentation (1 booklet)

Geography; Simulation; Secondary education; Computer graphics; Adventure simulation; Puzzles; Problem solving

0563326522

Contents: River (escaping down a river to the sea, involving map reading); Summit (climbing Everest, using judgement to decide when and where to move); Nomad (surviving in the Sahel, reading rainfall conditions and finding grazing for cattle); Flight (using navigational and flying skills after failure of plane's automatic system).

Supplied on 40t disks; converter program supplied for use with 80t drive

8-15

Introducing information

See: Information technology project : a complete modular course in IT : teaching pack 1

Introducing map skills 2

Wells, Alastair J.; Forecast, Christopher

Cambridge: Cambridge Micro Software

1983

BBC B; BBC B+; BBC Master; RML 380Z; £22.50 Econet; £37.50

1 disc; 40/80t; 1 teacher's handbook

Geography; Secondary education; Primary education

0521259339 (BBC 40t); 052130069X (Econet 40/80t) 0521300711 (BBC 80t); 0521255759 (RML 380Z)

Contains: Compass points and bearings, Using the compass, Yacht Race. The programs are ideal for pupils beginning map work in the early years of secondary school

14-16

Introduction to electronics

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £24.50 BBC Master Compact; £24.50 Acorn Archimedes; RM Nimbus; £24.50 RM Nimbus network; (up to 16 machines) £45.00; (up to 48 machines) £65.00 Econet; £58.50

Disk

Physics; Craft, design, technology; Electronics;

Secondary education; General Certificate of Secondary Education

Covers basic electronics required for GCSE Physics or CDT course: Main teaching sections use animated interactive diagrams with minimum of text and include potential dividers; the transistor; logic gates; operational amplifiers; introduction to electronic systems

Only specify 80t if you cannot use 40t disks
14-16

Introduction to pneumatics

Chepstow: AVP Computing
198-

BBC B; BBC B+; BBC Master 128; £24.50
Acorn Archimedes; £24.50 Econet; £58.50

Disk; notes

Craft, design, technology; Secondary education; Simulation

May be used either to introduce work on pneumatics or to give "simulated hands on" experience in the design of pneumatic circuits. Allows single/double acting cylinders; three port, five port control and five port pressure controlled valves to be positioned on the screen. When pipe runs are designed and laid and main air applied, the computer traces the air flow, simulating movement of cylinders and valves. Print option. Contains sample circuits

Only specify 80t if you cannot use 40t disks
13-16

Introduction to probability

Robinson, D. R.; Bowman, A. W.
Bristol, Avon: Adam Hilger
1986

Computer illustrated texts

BBC B; BBC B+; BBC Master 128; IBM; £22.50
Licence; £120.00

Disk; 2 textbooks

Engineering; Mathematics; Sciences; Secondary education; Sixth form education; Further education; Computer graphics

Text: 0852748159; IBM: 0852748248; BBC: 0852748132; Licence: 0750300876

Contents: discrete distributions; continuous distributions; normal approximations; transformations of random variables. Software used initially alongside the text and subsequently for independent research by students investigating formulae, models and frameworks with alternative data. Additional textbooks can be purchased separately.

BBC; IBM licence 5.25" disk

16+

Introduction to soil types and their formation

Donert, Karl
St. Just: MJP (Michael Jay Publications)
198-

BBC B; BBC B+; BBC Master; £15.95 RML
Nimbus; details from publishers

Disk; worksheets

Geography; Biology; Secondary education; General Certificate of Secondary Education

Introduces soil formation; complements the more advanced treatment of the topic in Soil profiles

BBC 40t unless otherwise requested

12-15

Introduction to statistics

Bowman, A. W.; Robinson, D. R.
Bristol, Avon: Adam Hilger
1987

Computer illustrated texts

BBC B; BBC B+; BBC Master 128; £25.50
Licence; £135.00

Disk; 2 textbooks

Engineering; Mathematics; Sciences; Secondary education; Sixth form education; Further education; Computer graphics

Text: 0852744080; IBM: 0852744129; BBC: 0852744102; Licence: 0750300949

Contents: displaying and summarising data, probability and sampling, choosing and fitting a probability model, confidence intervals, statistical tests - principles and applications. Software used initially alongside the text and subsequently for independent research by students investigating formulae, models and frameworks with alternative data. Additional textbooks can be purchased separately.

BBC licence 5.25" disk

16+

Introduction to unconstrained optimisation

McKeown, J. J.; Meegan, D.; Sprevak, D
Bristol: Adam Hilger
1990

Computer illustrated texts

IBM PC; BBC; £25.50 Site licence: £135.00

Disk

Sixth form education; Further education; A level examinations; Mathematics; Physics

Text: 0750300256; IBM: 0750300264; BBC: 0750300272; Site licence: 0750300299

A useful self-teaching text for those with some basic knowledge of differential calculus and vector algebra. Can also be used under the guidance of a teacher. The treatment here is appropriate to a first course in numerical analysis. Intended for anyone wishing to become familiar with the key ideas and methods before applying them in their own field. Contents: Getting started; Searching for an optimum; Line searches; Direct search methods; Steepest descent; Conjugate gradients; Newton's method; Quasi-Newton methods; Least squares; Global optimisation; Optimisation in practice.

5.25" disk

16+

Introductory genetics : disk 1

Pearson, Colin
Plymouth: Garland Computing
1987

Introductory genetics

BBC B; BBC B+; BBC Master 128; £17.65 RM
Nimbus; Acorn Archimedes; £20.00 Nimbus
network; £37.65 Econet; £35.30

Disk

Genetics; Secondary education; Computer graphics; Simulation

Interactive user-friendly programs with extensive error-trapping; Covers sex determination, including simulations of fertilisation of the ovum by sperm and random production of gametes; Dominance and co-dominance - investigation of any cross for single factor inheritance controlled by two alleles; Inheritance of blood groups - possible genotypes based on A, B and O alleles. Site licences,

multiple copy discounts available; details from publisher

BBC 40 or 80t (please specify). RM Nimbus versions supplied with BBC- BASIC

12+

Introductory genetics : disk 2

Pearson, Colin
Plymouth: Garland Computing
1987

Introductory genetics

BBC B; BBC B+; BBC Master 128; £17.65 RM
Nimbus; Acorn Archimedes; £20.00 Nimbus
network; £37.65 Econet; £35.30

Disk

Genetics; Secondary education; Sixth form education; Further education; A level examinations; Computer graphics; Simulation

Interactive user-friendly programs with extensive error-trapping; includes simulating any dihybrid cross; placing genotypes; testing any dihybrid alleles; chromosome mapping. Site licences, multiple copy discounts available; details from publisher

BBC 40 or 80t (please specify). RM Nimbus versions supplied with BBC- BASIC.

16+

InVENNtion

Higgins, John; Higgins, Muriel
London; Research Design Associates order via
Wida Software Ltd

1988

MS DOS £29.95

Disk

Mathematics; Puzzles; Problem solving; Secondary education

Uses Venn diagrams to produce an infinity of logic puzzles on screen and on paper. Gets students thinking, talking, using comparisons
MS/DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1MB memory & IBMulator. Requires a CGA card

11-18

Invest

Chepstow: AVP Computing
IBM PC and compatibles; £24.50

Business education; Secondary education

Pupils buy and sell shares and monitor the performance of their portfolio

13-16

Investigating accelerated motion

Dolgellau: Science Education Software
198-

BBC B; BBC Master 128; Econet; £24.00 + VA

Disk; Worksheets

Physics; Sciences; Secondary education; A level examinations; General Certificate of Secondary Education; Sixth form education; Utilities; Simulation

Contains two programs designed to demonstrate the relationship between the acceleration, velocity and displacement of a moving body. Contents: Motion simulator; Uniformly accelerated motion.

BBC 40t, 5.25" disk; BBC 80t, 5.25" disk
14-18

Investigating circuits

Ling, Jonathan

Harlow: Longman/Logtron

1986

BBC B; BBC B+; BBC Master 128; £21.00

1 disk; 1 documentation booklet

Physics; Sciences; Electronics; Secondary education; Further education; General Certificate of Secondary Education

0582265770

Teaches and reinforces work on d.c. circuits - a circuit may be constructed on a 4 x 4 matrix; ammeters placed in any part of it to measure current; and a voltmeter connected across any component to measure p.d. Components/their values may be easily changed

BBC 40t, 5.25" DFS disk

13-19

Investigating cloud formation

See: Practical meteorology. 2: Small scale weather patterns

Investigating radioactive sources

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £19.50 Acorn Archimedes; RM Nimbus; £24.50 RM Nimbus network; (up to 16 machines) £45.00; (up to 48 machines) £65.00 Econet; £58.50

Disk; datasheets; pupil worksheets

Physics; Secondary education; General Certificate of Secondary Education; Simulation

A collection of programs simulating the investigation and identification of an unknown radioactive source, allowing a choice of three experiments for the investigation of a randomly selected source. Pupils record results and make deductions about either the type of particles emitted or the half-life

Only specify 80t if you cannot use 40t disks

14-16

Investigator

ITMA

Harlow: Longman Micro Software

198-

BBC B; BBC B+; BBC Master 128; £19.50 BBC Econet; SJ file server; AMCOM E-Net; £30.00

Disk

Mathematics; Computer studies; Language; Art; Environmental studies; Primary education; Databases; Information handling

Easy to use retrieval system, holding database information on road traffic accident reports in Devon for 1983, encouraging investigation and leading to a variety of mathematics work, e.g. bar charts, percentages, survey charts proportion.

BBC 40t, 5.25" DFS disk; BBC 80t, 5.25" disk

9-14

Invisible ink

Sherston Software

Sherston: Sherston Software

1984

BBC B; BBC B+; BBC Master 128; BBC Master Compact; (single pack) £14.50 BBC B; BBC B+; BBC Master 128; BBC Master Compact; (small lab pack) £29.00 BBC B; BBC B+; BBC Master 128; BBC Master Compact; (large lab pack) £43.50 BBC Econet; £31.00

Single pack: 1 disk; 1 teacher's book. Small lab pack: 1 copy of full pack plus 5 extra copies of disk. Large lab pack: 2 copies of full pack plus 10 extra copies of disk.

English; Language; Reading skills; Spelling; Computer games; Primary education; Secondary education

Provides practice in reading, comprehension, spelling and grammar. Includes a teacher option to hide any part of the text for children to discover; letter clues may be "bought" from the computer and points scored for correctly deducing missing text.

BBC 40t 5.25" DFS; BBC 80t 5.25" DFS; BBC Compact 3.5" ADFS disk. 3.5" DFS and 5.25" ADFS disks also available

7-13

IN-CAD

Ruislip: Desktop Engineering Systems

198-

Apple Macintosh; details from publishers

Disk

Computer assisted design; Design; Craft, design, technology; Engineering

A program integrating 3D design; 2D drafting and solids modelling. Features include associative dimensioning; ANSI dimensioning with full control over the appearance of dimension graphics; user-definable text fonts and cross-hatch patterns; full geometry creation and editing; labelling with balloons and automatic incrementing; sub-figures for library parts and groups; English-like command language. Reads/writes industry-standard IGES 3.0 files; converts AutoCAD's DXF files to IN-CAD drawings, and vice versa.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Ionic

See: Equilibrium and crystal structure

Ionic

See: Industrial chemistry and other 16+ topics

Ionic and covalent bonding

See: Structure and bonding

Ionic crystal calculators

See: Physics software pack 1

Ionic formula pack

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £24.50

Disk

Chemistry; Secondary education; General Certificate of Secondary Education

Provides an animated tutorial with the pupil choosing an ionic compound, seeing its formula

Educational Software INV - ISL

building up. Also contains a chemical name to formula quiz and a formula to name quiz, with randomly picked questions.

Only specify 80t if you cannot use 40t disks
13+

Ionisation energies

See: EMF, ionisation energies and solubility products

Iron and steel

London: ITV Schools

198-

BBC B; BBC B+; BBC Master 128; £21.50

Disk

Chemistry; Sciences; General Certificate of Secondary Education; Secondary education; Simulation; Computer graphics

Allows students to work through a complex learning web which leads eventually to the commercial production of steel. Graphics build a steel-making complex which must be run at maximum efficiency. Associated ITV Schools programme: Chemistry in action.

5.25", DFS

14-17

Iron and steel location

Proctor, Brian; Hurd, Stephen; Watson, Deryn; et al.

Harlow: Longman Micro Software

198-

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; Acorn Archimedes; £19.50 BBC Econet levels 2 & 3; SJ file server; AMCOM E-Net; £30.00

1 disk; 1 teachers' guide; students' leaflets

Economics; Sociology; Secondary education; Industry

Using a simple map of the location of iron ore, coal and a market for the finished product, students identify the least-cost site for an iron and steel works, working out the basic cost calculations, and tracing the reasons for the historical movement of the industry from coalfield to coastal sites.

BBC 40t, 5.25" DFS; BBC 80t, 5.25"; Archimedes compatible 3.5" disk

14-16

ISCA

Wisbech, Cambridgeshire: esm

198-

BBC B; BBC B+; BBC Master 128; £30.00

Disk; storybook

History; Primary education; Secondary education; Databases

Children empathise with Roman characters in life in second century Britain becoming immersed in the environment through databases, maps, buildings, architecture and artifacts.

BBC 5.25" disk

8-13

Island yacht race

Cliffe, R; Holst, T.; Druz, D; et al.

Gravesend: Fernleaf Educational Software Ltd

1985

BBC B (disk); £11.26 BBC B (cassette); £8.65

Disk or cassette

Language; Primary education; Puzzles; Problem solving

Contained in The sea. Designed for use with small groups of children. The yacht has to visit a chosen number of islands in an allocated time. Advanced planning is necessary as wind direction plays a vital part.

8-12

ISO

See: Third angle projection

ISO C development system

St. Albans: Beebugsoft Ltd

198-

Acorn Archimedes; £89.00 (£79.00 members' discount price)

Disk

Programming languages

A new implementation of the professional programming language C, consisting of a relocatable module containing a powerful compiler and linker, and a WIMP based program development environment including editor which runs from the RISC OS desktop. Conforms to full ISO standard; includes comprehensive library of ANSI and RISC OS functions.

ISO-Pascal

Acornsoft; Brown, P.J. ("Pascal from Basic" manual); Cockerall, P. ("ISO-Pascal on the BBC microcomputer and Acorn Electron" manual)

Cambridge: Acornsoft

1984

BBC B; BBC B+; BBC 128K B+; BBC Master 128; BBC Master Compact; £60.00 Econet; £160.00

1 disk; 2 ROM chips; 2 manuals; 1 reference card; contents list; 2 leaflets

Computer studies; Programming languages; Secondary education

0201137985

A full implementation of the international standard version of the Pascal language, with extensions to take advantage of the BBC Micro special facilities of sound, graphics etc. Ideal as a language for educational use because of its structured format, encouraging good programming practice.

ROM; 3.5" disk

12-15

ISO-Pascal stand alone generator

Cambridge: Acornsoft

BBC B; BBC B+; BBC 128K B+; BBC Master 128; BBC Master Compact; £30.39

2 disks; user guide; copy licence

Programming languages; Utilities; Secondary education; Sixth form education; Further education

A utility for use with the ISO-Pascal system, enabling versions of programs written in ISO-Pascal to be used in any BBC microcomputer. Produces code compatible with a 6502 second processor and with different filing systems.

40/80t disk; 3.5" disk

16+

IT in business

London: ILECC (Inner London Educational Computing Centre)

198-

RM Nimbus; RM Nimbus network; £30.00

1 disk; 1 handbook

Business education; Life skills; Secondary education; Further education; Information handling; Simulation

This is a set of three simulations designed to demonstrate some applications of IT in our daily lives. The three applications are: an automatic cash dispenser, check-out in a restaurant and a system for booking and billing hotel rooms.

11-18

IT in the secondary school

Dixon, Peter; Green, Ian; Brown, Mike; et al.

Doncaster: RESOURCE

198-

BBC B; BBC Master 128; RM Nimbus; £21.95

1 disk; documentation

Computer studies; Secondary education; Information handling; Data processing; Databases

A pack of teaching materials which can be used within existing subject areas, or as a new course. While designed for use with 3rd year pupils, it can be used as a source of ideas which can be adapted for use with younger or older pupils. LEA/Regional licences and bulk purchase discount available

BBC 5.25" 40t DFS; 80t DFS available - surcharge of £1.50 per disk

13+

Italian tutor : levels A and B

Dunstable: Kosmos Software Ltd

198-

Amstrad CPC (3.0" disk); Amstrad PCW (3.0" disk); Spectrum Plus 3 (3.0" disk); Atari ST (3.5" disk); IBM PC & compatibles (3.5"/5.25" disk); £19.95 Amstrad CPC (cassette); £16.95

Disk/cassette

Modern languages; Italian; Secondary education; Sixth form education; Further education; Adult education

Includes extensive vocabulary lists arranged as a series of lessons, each covering a different subject. Sophisticated tuition control allows lessons to be modified to individual requirements. Features self-teach display and self-test modes and facilities for lesson creation/editing.

State whether disk/cassette required and computer type.

11+

Italian tutor : level A only

Dunstable: Kosmos Software Ltd

198-

BBC B; BBC B+; BBC Master; Acorn Electron; Spectrum; Amstrad CPC (cassette) £8.95 BBC B; BBC B+; BBC Master; (5.25" disk) £9.95 Spectrum Plus 3 (3"0" disk); £10.95 Amstrad CPC (3.0" disk); £12.95

Disk/cassette

Modern languages; Italian; Secondary education; Sixth form education; Further education; Adult education

Includes extensive vocabulary lists arranged as

a series of 16 lessons, on subjects including the family; foods; vehicles; shops; substances; clothes, etc. Sophisticated tuition control allows lessons to be modified to individual requirements. Features self-teach display and self-test modes and facilities for lesson creation/editing.

State whether disk/cassette required and computer type.

11+

Italian tutor : level B only

Dunstable: Kosmos Software Ltd

198-

BBC B; BBC B+; BBC Master; Acorn Electron; Spectrum; Amstrad CPC (cassette) £8.95 BBC B; BBC B+; BBC Master; (5.25" disk) £9.95 Spectrum Plus 3 (3"0" disk); £10.95 Amstrad CPC (3.0" disk); £12.95

Disk/cassette

Modern languages; Italian; Secondary education; Sixth form education; Further education; Adult education

Includes extensive vocabulary lists arranged as a series of 16 lessons, on general vocabulary with adjectives, prepositions & conjunctions, adverbs and fully conjugated verb lists in 5/6 tenses. Sophisticated tuition control allows lessons to be modified to individual requirements. Features self-teach display and self-test modes and facilities for lesson creation/editing.

State whether disk/cassette required and computer type.

11+

Italy and Spain

Chepstow: AVP Computing

198-

Basic regional geography

BBC B; BBC B+; BBC Master 128; Electron; £17.50 BBC Master Compact; £19.70 Acorn Archimedes; RM Nimbus; Amiga; £24.50 Econet; £52.50

Disk

Geography; Secondary education

Helps in teaching basic features - names, positions of seas; rivers; towns; mountains, etc. Includes interactive sequences which allow for and correct spelling errors

Only specify 80t if you cannot use 40t disks

11+

ITC pack

Doncaster: RESOURCE

198-

BBC B; BBC Master 128; £63.95; Special offer £25.00

Disk; O/H transparencies; worksheets; course guide; program documentation; case studies; strategies for implementation; resources

Information handling; Secondary education

Intended as the basis for constructive discussion on the place of information technology in education, leading to a strategy for implementing IT in a practical and forward looking way. Includes case studies. LEA/Regional licences and bulk purchase discount available

80t. BBC B/Master 5.25" 40t DFS; 80t DFS available - £1.50 surcharge per disk

7-11

Iteration formulae

See : Iteration formulae and graphs

Iteration formulae and Graphs

Chepstow: AVP Computing

1198-

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £19.50

Disk

Algebra; Secondary education; Sixth form education; Further education

Contents: Iteration formulae (formulae in the form $X_{n+1} = f(x_n)$; illustrated graphically); Linear programming (plotting different types of inequalities and optimisation of value functions); Trapezium rule (finding areas using the trapezoid rule); doubling number of strips until certain accuracy is found); Graph plotting facility. Functions can be entered either in BASIC or in ordinary algebraic notation

Only specify 80t if you cannot use 40t disks

114-18

ITMA chemistry pack

ITMA

Harlow: Longman/Logotron

1198-

BBC B; BBC B+; BBC Master 128; £21.00 BBC Econet; SJ file server; AMCOM E-Net; £33.00

Disk; teacher's notes; student leaflets

Chemistry; Secondary education; Simulation

Contents: Chempi (an "animated blackboard" showing atomic structure; periodic properties/isotopes of the first 36 elements of the Periodic Table); Balanz (simulation of reaction $A + B = C + D$, designed to help teaching of chemical equilibrium); Molcol (prelude to Balanz: shows molecular collision/rebounding with randomly controlled reaction or non-reaction; and how dynamic equilibrium and fluctuations follow.

BBC 40t, 5.25" DFS disk; BBC 80t, 5.25" disk

111-16

Jack in the box

See : Spot on games

Jacobite rebellion 1745

Glasgow: CDG (Scotland) Ltd

Scottish History

BBC B; BBC B+; BBC Master 128; £15.50 Acorn Archimedes; A3000; IBM PC (EGA/ECCD); RM Nimbus; £21.50

History; Secondary education;

18353951153

An analysis of the last attempt by the Royal House of Stuart to regain the British throne. Details are provided of the invasion routes, battle movements and escape routes of Charles Stuart.

104-14

Jake

Cambridge: Biosoft

1988-

Blanchard Clinical Case Studies

IBM PC/PS2; Apple Macintosh; Apple II; £50.00 (single simulation) Additional simulations on same order £30.00

Disk; manual

Sciences; Simulation; Sixth form education; Further education; Adult education

An interactive clinical case study simulation exploring consequence of carnitine deficiency - Jake is a 4 year old boy with recurring respiratory infection, accompanied by drowsiness and mild congestive heart failure. Examination reveals various physical and biochemical abnormalities.

5.25" disk Apple II series 3.3 DOS, 64K RAM minimum; IBM PC (CGA/EGA), 3.5" disk also available.

18+

Janeplus

ITMA

Harlow: Longman Micro Software

198-

BBC B; BBC B+; BBC Master 128; £19.50 BBC Econet; SJ file server; AMCOM E-Net; £30.00

Disk

Mathematics; Infant school education; Primary education; Secondary education; Sixth form education; Further education

A flexible program allowing a large variety of investigations of simple mathematical functions: pupils observe how figures of children on screen change numbers, and discuss what "they" might be doing.

BBC 40t, 5.25" DFS disk; BBC 80t, 5.25" disk

5-18

Japan 3D physical landscape

Glasgow: CDG (Scotland) Ltd.

198-

3D physical landscapes

BBC B; BBC B+; BBC Master 128; £15.50 Acorn Archimedes; IBM PC; RM Nimbus; £21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

Geography; Databases; Secondary education

Designed to take advantage of the potential of the Three Dimensional suite. Deals with national aspects of land use, population, rainfall, relief, rocks, and temperature. Structured modular work units accommodate all ability levels; integrate computer procedures and assist in the acquisition of knowledge and understanding, developing enquiry, evaluation and analysis skills, etc. Optional Epson compatible screen dump (BBC/Nimbus only) available - £7.50 (BBC); £13.50 (Nimbus). Discounts available for purchase of any two or more datapacks - details from publishers.

Please state format required: BBC 40 or 80t disk; IBM PC (EGA/ECD only)

12-16

Japanese clip art : 1 and 2

London: Kokusai Software

198-

Apple Macintosh; £49.50

Disk

Art; Design; Craft, design, technology; Computer assisted design; Computer graphics

Scroll 1 contains 174 images in 14 files of detailed drawings on the theme of Japanese and Chinese mythology; includes 4 Japanese Kana fonts. Scroll 2 includes 193 drawings from Japanese paintings and woodblock prints together with 4 Japanese Kana fonts.

Works on current Macintosh systems with at

least 1Mb RAM; please check required configuration.

Japanese clip art : scroll 1

See: Japanese Clip Art : 1 and 2

Japanese clip art : scroll 2

See: Japanese Clip Art : 1 and 2

Japanese clip art : borders

London: Kokusai Software

198-

Apple Macintosh; £59.50

3 disks

Art; Design; Craft, design, technology; Computer assisted design; Computer graphics

A set of letterhead designs; borders; signboards; calligraphy backgrounds and other design elements.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Jarl

Thistleton, R.; Dary, John; Io Software; et al.

Gravesend: Fernleaf Educational Software Ltd

1984

BBC B; BBC B+; BBC Master; (disk) £11.26 BBC B (cassette); £8.65

1 disk or cassette; 1 documentation booklet

History; Primary education; Secondary education

Contained in Viking England. Allows children to explore the life of the prosperous Jarl in a town in Viking England, as he goes about his business in the court, at the docks and on the farms

Operating system 1.2.

9-13

Javelin

Argles, David

Sholing, Southampton: Blake Electro-Production Ltd; Haven

198-

BBC; Details from publishers

Disk; booklet

Control technology; Puzzles; Problem solving

Designed to make control technology easily accessible to pupils, in a problem-solving context. Looks and works like Logo, but does not require a Logo chip to make it work. A few basic commands enable the computer to switch various output devices on or off; it is also possible to determine whether certain input devices, such as switches/light sensors, are on or off.

Works with any interface unit with outputs connected to the printer port of the BBC and inputs to the user port. Program can be altered for use with different types of interface.

Jelly

See: secondary maths 3

Jessop turtle driver

MESU

NCET/MESU

1988

RML 480Z; RM Logo version 1.1E; Driver JSP version 1.1B: pre-publication version;

1 disk; 1 instruction sheet; 1 release note : Research machines Logo, versions 1.0D and 1.1E

Control technology

For RM 480Z

Jet fighter

Exeter: Minerva Software

198-

Games

Acorn Archimedes; £14.95

Disk

Computer games; Puzzles; Problem solving; Primary education; Secondary education

User, alone on a forgotten planet, has to defend himself/herself against all comers while rebuilding broken rocket ship, fuelling it and taking off to the next level

RISC OS compatible

5+

Jetpack

See: Switch games disk 1

Jeu des menages

See: Quelle tetel and Jeu des menages

Jigsaw

Backwell, Bristol: Arrowsoft Educational Software

198-

BBC B; BBC Master; £12.00

Disk

Life skills; Puzzles; Problem solving; Preschool education; Infant school education; Primary education; Special educational needs; Computer games

A program designed to improve memory and observation abilities. Involves moving jigsaw pieces around the screen to make 4 colourful pictures - with 5 levels of difficulty for each picture.

Concept keyboard compatible. Touchscreen version available.

3+

Jigsaw

4Mation Educational Resources

Barnstaple: 4Mation Educational Resources

1989

Acorn Archimedes; £29.00 (Includes site licence)

2 disks

Art; Design; Craft, design, technology; Puzzles; Problem solving; Primary education; Secondary education; Further education; Special educational needs

Takes any saved screen or sprite of any size and turns it into a full-sized jigsaw puzzle. Includes 7 digitised screens from artwork by Rodney Matthews and a further 8 screens prepared on the Archimedes by Dave Cowell

7-Adult

Jigsaw and Sliding block

Wisbech, Cambridgeshire: esm

198-

Infant software box; Early learner software box

BBC B; BBC B+; BBC Master 128; £16.00

Disk

Puzzles; Problem solving; Infant school education; Primary education; Special educational needs; Computer games

8 puzzles, from 4-25 pieces, involving construction of a train, boat, space or landscape picture puzzle. Jigsaw requires visual discrimination and perception skills; Sliding block tests memory and logical planning. Caters for all abilities. Contained in Infant software box and Early learner software box.

BBC 5.25" disk

5-8

Jigsaw puzzles

See: Jigsaw and sliding puzzles

Jigsaws and Sliding puzzles

Warner, P.

Bracknell: Golem Software Ltd

198-

BBC; Electron; £8.95

Disk; documentation

Infant school education; Primary education; Secondary education; Computer graphics; Puzzles; Problem solving

Programs to develop spatial concepts and problem solving strategies. Programs are graded in difficulty order, with each program gradually becoming more difficult. Contents: Jigsaw puzzles (sorting out 6 numbered tiles); Sliding puzzles (a jumbled picture); House; (3 x 3 grid) Numbers (3 x 3 grid); Clown (4 x 4 grid); Letters (4 x 4 grid).

Please state BBC or electron; 40 or 80t disks.

4-12

Jmap : version 2

Dublin, Eire: JCR Software Ltd

198-

Apple Macintosh; £2,600.00

Disk

Geography; Further education; Adult education

A comprehensive map processing program, providing a full range of facilities for plotting and processing all types of map data, and generating accurate base maps. Includes a suite of mapping routines, with data types covering backgrounds; base map of imported graphic images and digitised line data; gridded data; polygons; linears; point data; icons; foregrounds.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

18+

Jmap geochemistry

Dublin, Eire: JCR Software Ltd

198-

Apple Macintosh; £1,750.00

Disk

Geography; Sixth form education; Further education; Adult education; A level examinations

A complete map plotting program to facilitate plotting, processing and presentation of numerical map data. Designed for processing geochemical data, but has wider applications. Four main functions include plotting numerical data; processing data; generating accurate base maps; printing high quality output. Handles very large datasets; displaying results in colour on Macintosh II; printing in colour on Image Writer II or LQ printers.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

16+

Jmap plotting

Dublin, Eire: JCR Software Ltd

198-

Apple Macintosh; £430.00

Disk

Geography; Secondary education; Sixth form education; Further education; General Certificate of Secondary Education; A level Examinations

A simplified version of Jmap Version 2, providing a range of features for plotting numerical data and generating base maps on which data can be overlain. Facilities include ability to define any size or area of map; to read in point data from any text file; simple menu commands; compatibility with Macintosh applications such as graphics software.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

14+

Job costing

Barnet: Glentop Press Ltd

198-

Topline accounting software

IBM PC and compatibles; £130.00

Disk

Business education; Schools; Accounting; Educational administration; Secondary education; Further education; Information handling; Adult education

Handles man hours and job expenditures, with full range of reports and on-line enquiries.

16+

Jobalert

London: ILECC (Inner London Educational Computing Centre)

198-

RML 380Z; RML 480Z; £10.00

1 disk; 1 handbook

Careers; Secondary education; Further education; Databases

The program matches the information entered by students on academic qualifications and job preferences with information about 180 jobs in the files of a database. The database may be amended to reflect the local job market

Not suitable for network

11-18+

Jobmatch

ITEM (Information Technology Educational Materials)

London: ITEM

11988

RAM Nimbus network; £15.00

1 disk; 1 activity pack

Business education; Information handling; Databases; Secondary education; Sixth form education; Further education

07708599222

An introduction to databases through a realistic application based on the work of an employment agency. Database datafiles are accessed through different security levels and are used to match employees with job vacancies

RAM Nimbus PC - 186, AX and VX stations used in Nimbus mode

116+

Jobskill

Crowley, T.

Richmond: Trotman & Co Ltd

1998-

BBC B; BBC B+; BBC Master; £6.95

1 disk (40 track); 1 booklet

Careers; Sociology; Personal and social education; Secondary education; Further education; Sixth form education; Adult education

A recently redesigned program, which helps school leavers learn about the occupational families system widely used by Careers Services to classify vacancies

The program will work on network systems

115-Adult

Jogging

See Cedars get fit set

Joins

See: The Locus Pack

Joint Matriculation Board poems

Davies, Paul (ed.)

Bangor: Akadimias

1998-

Tutor series : English Literature - set texts

BBC B; BBC Master 128; Econet levels 2 & 3; Acorn; RM Nimbus PC 186; RM Nimbus AX series; Nimbus network; Amstrad 6128 & PCW; IBM PC compatible; £25.00 (includes site licence for up to 10 terminals)

Disk; study booklet; reading list

English literature; Secondary education; Sixth form education; Further education; A level examinations

A program to test student knowledge with questions in a multiple choice format, in either a random or sequential order, and with various user selectable timebases against which the test may be taken. Facilities for revision; sequential, random test modes; with four time based skill levels in each test mode. Discounts available: details from publisher

BBC 40 or 80t disk (please specify). Acorn DFS & ADFS; RM Nimbus 3.5" disk; Amstrad disk; IBM PC 5.25" or 3.5" disk (please specify).

111-16+

Joints

Garland, John M.

Plymouth: Garland Computing

1987

Human biology : collection 3

BBC B; BBC B+; BBC Master 128; £17.00 RM Nimbus; Acorn Archimedes; £19.80 Nimbus network; £37.45 Econet; £34.65

Disk

Biology; Physical education; Secondary education; Sixth form education; Further education; Computer graphics

Covers fibrous, cartilaginous and synovial joints; diseases and injury of joints; includes options showing general structure and action of various types of joint; explanation of theory of levers as applied to their action. Contained in Human biology : collection 3. Site licences, multiple copy discounts available; details from publisher

BBC 40 or 80t (please specify). RM Nimbus versions supplied with BBC -BASIC

14-16+

Jolly Jack Tar

Gibbs, Steven; Gibbs, Aileen

Sherston: Sherston Software

1986

BBC B; BBC B+; BBC Master 128; BBC Master Compact; (single pack) £14.50 BBC B; BBC B+; BBC Master 128; BBC Master Compact; (small lab pack) £24.00 BBC B; BBC B+; BBC Master 128; BBC Master Compact; (large lab pack) £43.50

Single pack: 1 disk; 1 teacher's book; 1 children's booklet; keystrip Small lab pack: 1 copy of full pack plus 5 extra copies of disk Large lab pack: 2 copies of full pack plus 10 extra copies of disk

Music; Primary education; Computer games

Contains 6 different games to help understanding and learning about rhythm and pitch.

BBC 40t 5.25" DFS; BBC 80t 5.25" DFS; BBC Compact 3.5" ADFS disk. 3.5" DFS and 5.25" ADFS disks also available

7-11

Jonathan draw

Norwich: MacEurope Ltd.

198-

Apple Macintosh; £599.00

Disk

Computer assisted design; Design; Craft, design, technology; Engineering

A program allowing user to define units required for a given drawing and use the "Snap" function to link objects with absolute accuracy. Capabilities include ability to draw objects to scale using many different scales to create both detailed and large drawings; rectangular, polar and isometric grids; fillets and chamfers; ability to duplicate, replicate and rotate in 2D and 3D; exact specification of line type; ability to combine object drawings and scanned photographs or video images.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Journey

Glasgow: Scetlander

BBC B; BBC B+; BBC Master 128; £15.00

Disk; Teacher's notes

Life skills; Cross curriculum; Primary education; Secondary education; Special educational needs; Computer graphics

Educational Software JOB - JOY

1855720426

Develops map reading skills - develops knowledge of compass points; encourages practice in map use and route planning; introduces distance estimation. Varying degrees of difficulty.

BBC 5.25" disk

8-13

Journey's end

Thistleton, R.; Dary, John; Io Software; et al.

Gravesend: Fernleaf Educational Software Ltd

1984

BBC B; BBC B+; BBC Master; (disk) £11.26 BBC B (cassette); £8.65

1 disk or cassette; 1 documentation booklet

History; Primary education; Secondary education

Contained in Viking England. Allows children to explore the experiences of Vikings settling in England

Operating system 1.2.

9-13

Joystick games 1

Boyes, Rod

Bradford: Brilliant Computing

1986

BBC B; BBC B+; BBC Master; £13.35

Disk; manual

Pre school education; Infant school education; Primary education; Special educational needs; Language; Puzzles; Problem solving; Mobility; Joysticks

5 programs of different difficulty levels, to teach cause and effect, and directional and spatial skills; encourage hand-eye coordination and timing and concentration, and develop movement and balance, and which can help people master electric wheelchairs. Contents: Mouse trap (a timing game); Bullseye (moves a dart to a target); Find a bone (moves dog to bone, negotiating "doorways"); Teatime for Boris (positions a spider to collide with one of a number of moving flies); Sketch pad (draws lines on screen; resulting picture can be printed). Available in ready-to-run kit with special education joystick; £72.00.

BBC 5.25" disk. Works with switches (e.g. block switches) and interface box; any joystick.

3+

Joystick games 2

Boyes, Rod

Bradford: Brilliant Computing

1988

BBC B; BBC B+; BBC Master; £15.00

40/80; Disk; manual

Pre school education; Infant school education; Primary education; Special educational needs; Language; Puzzles; Problem solving; Computer games; Mobility; Joysticks

5 further programs similar to those in Joystick Games 1, each with difficulty level options, to teach cause and effect, and directional and spatial skills; encourage hand-eye coordination and timing and concentration, and develop movement and balance, and which can help people master electric wheelchairs. Contents: Catch the bus (2 games); Greedy Gorilla (similar to a maze game); Watering can (2-directional game); Striker (moves a footballer to a ball which is automatically kicked towards the goal, where

it may be saved by the moving goalkeeper); Gardening (user can design and construct garden using 5 different plants. Finished garden can be printed out).

BBC 5.25" disk. Works with switches (e.g. block switches) and interface box; any joystick.

3+

Joystick games 3

Boyes, Rod

Bradford: Brilliant Computing

1989

BBC B; BBC B+; BBC Master; £15.00

40/80; Disk; manual

Preschool education; Infant school education; Primary education; Special educational needs; Language; Puzzles; Problem solving; Computer games

5 further games similar to those in Joystick Games 1, each with difficulty level options, to encourage joystick practice in 2/4 directions and to practise timing. Contents: Hare and Tortoise (user as hare races tortoise, negotiating winding path); Cat and mouse (user moves mouse to fetch pieces of cheese/escape from cat); Cops and robbers (user in police car chases robbers round the city streets); Swimmer (user swims river as fast as possible, avoiding floating logs); Moving house (a passive game in which user positions furniture in an empty house. Print out facility.)

BBC 5.25" disk. Works with 2 or 4 simple switches and interface box; any joystick.

3+

Juggle puzzle

Wisbech, Cambridgeshire: esm

198-

BBC B; BBC B+; BBC Master 128; £16.00

Disk

Mathematics; Puzzles; Problem solving; Primary education; Primary education; Computer games; Secondary education

A game of logic and memory which challenges children to reconstruct jumbled pictures from 9-16 pieces. Involves planning ahead, memory and strategy skills. Contains six pictures.

BBC 5.25" disk

9-14

Julius Caesar

London: Sussex Publications Ltd; World Microfilms

198-

English revision on microcomputer

BBC B; BBC B+; £18.95 Econet level 2; £29.95

Disk; manual

English; English literature; Secondary education; General Certificate of Secondary Education

A practical revision aid, with introductory material, questions and information which can be used by groups or individuals. Questions are designed to deepen understanding, following a chronological framework of conspiracy; assassination; Antony's opportunity; defeat. Available in set: English revision on microcomputer.

BBC 40t or 80t disk

11+

Jumbled words

Forbes, Stuart

Cardiff: Drake Educational Associates

198-

Language centre

BBC B; BBC B+; BBC Master; £12.00

1 disk; 1 booklet

Language; English; Reading skills; Infant school education; Primary education; Special educational needs

This program is one in the series of programs for mixed-ability classes which is suitable for testing pupils' learning problems

5+

Jumbo

See: MAPE compendium

Jungle scene

See: Marthamateg (Mousematics Cymraeg); Mousematics number bonds; Clwyd Technics

Junior ecosoft

Strack, Geoff; Lake, Alex

Hatfield: Advisory Unit

1986

BBC B; BBC B+; BBC Master 128; £20.00

1 disk; 1 booklet; 2 leaflets

Geography; Environmental education; Computer graphics; Primary education; Information handling

0946039402

Processes and displays data that children have collected from their environment in field study work in a number of ways.

7+

Junior Find

Doncaster: RESOURCE

198-

BBC B; BBC Master 128; £25.95

Disks; documentation; keystrip

Utilities; Databases; Information handling; Primary education; Computer graphics

A database management system introducing information handling. Excellent user-definable graphics facility allows charts and graphs produced by the system to be personalised with appropriate symbols relating to the information being displayed. Files used on Junior Find are directly transferable to Find. LEA/Regional licences and bulk purchase discount available

BBC B/Master 5.25" 40t DFS; 80t DFS available - £1.50 surcharge per disk

7-11

Junior high suite

Chapman, J.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1987

BBC B; £4.00

Disk

Mathematics; Geometry; Secondary education; Computer graphics

Contents: Hiker (guide a hiker, using an OS map, across a river); Chequer (place graphic characters on a chequer board grid to build patterns or tessellated shapes). Output to a printer possible.

11-14

Junior suite

Chapman, J.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1987

BBC B; £4.00

Disk

Mathematics; Primary education; Computer games

Contents: Skyhigh (an aeroplane is steered, using a grid for guidance, to land on a runway); Round (rounding numbers up/down); Muldiv (random division or multiplication questions given); Machine (numbers are "processed" and children must work out current "process").

7-11

Just a mot

London: Sussex Publications Ltd; World Microfilms

198-

BBC; £13.80

Disk; manual

Modern languages; French; Secondary education; Computer games

French vocabulary for travel and conversation. 500 words in 2 game formats, English/French or French/English, covering shopping, food and drink, travel, people and essentials

11+

Just enough Pascal

Maidenhead: Symantec (UK) Ltd.

198-

Apple Macintosh; £60.00

Disk

Computer programming; Programming languages

An interactive learning program working with Think's Lightspeed Pascal, and operating as a desk accessory to teach students the fundamentals of Pascal, Macintosh programming and Think's Lightspeed Pascal implementation. Covers concepts such as event loop; event handling; windows; menu bars; and graphics, allowing student to build a complete double-clickable Macintosh application. Also teaches fundamentals of Pascal, including variables, loops, functions, records, conditions and arrays. Users are also taught how to use QuickDraw routines to create animated graphics applications.

Requires THINK's Lightspeed Pascal; 1MB RAM and System 5.0 or later.

Just look

RCEVH (Research Centre for the Education of the Visually Handicapped)

Oldham: Northwest SEMERC

198-

BBC B; BBC B+; BBC Master 128; IBM PC compatibles; RML Nimbus; £7.00

Disk

Special educational needs; Life skills; Comp-

studies; Infant school education; Primary education;
For young children, including visually handicapped children with some sight. Acts as an early introduction of the computer, teaching that the screen has interesting, eye-catching things happening. A suite of programs in which brightly coloured shapes build up to form a pattern either filling the screen or moving across the screen in random fashion. Provides visual stimulation; teaches left-right scanning skills; provides practice in tracking moving objects.
\$+

Just text

1198-
Apple Macintosh; £450.00
Disk
Desktop publishing; Programming languages
A non-WYSIWYG typesetting and page layout program giving full user control over positioning of text and graphics on printed page. Supports all Adobe fonts, as well as those from Fontographer or other PostScript font generators. Produces pure PostScript for very fast printing to Laser Writer or other PostScript devices. Provides a PostScript window on screen allowing users to study the structure of the language and start to code for themselves. Other functions include automatic hyphenation; definable macro keys; text wrap around graphics; full kerning; access to all special symbols and accents; left, right, hanging indents; hanging bullets, ligatures and drop caps.
Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Just touch and Touch it

MCEVH (Research Centre for the Education of the Visually handicapped)
1198-
Miltonham: Northwest SEMERC
BBC B; BBC B+; BBC Master 128; £14.00
disks
Special educational needs; Life skills; Infant school education; Primary education; Secondary education
For young children, including the visually handicapped with some sight, the less able, multi-handicapped. Provides a good introduction to the use of the Touch Screen, motivating and encouraging children to explore. Contents: Just touch (emphasizes letting user touch the screen and find out what happens); touch it (provides various targets on screen which the user has to touch).
Requires Touch screen.
\$+

KaleidaGraph

1198-
Apple Macintosh; £125.00
Disk
Statistics; Information handling
Data analysis and graphic application, using pull-down menus. Provides power data transformations and numerical calculations; allows plots to be saved as KaleidaGraph, MacDraw or MacPaint files. Plot types include line graph; scatter plot; histogram; box plot; probability plot; pie chart; double Y plot; polar plot; stacked column plot. Calculator features

include reverse polish notation; 1,000 step program capability; standard scientific calculator functions; ability to execute macro on data window selection. Tools available for enhancing plots; supports colour on Macintosh II systems.
Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Kaleidoscope 1

See: Basic package

Kaleidoscope 2

See: Basic package

Kangaroo

See Adding and subtracting/pathfinder

Karel the robot

Studley: LTS (Learning and Training Systems)
198-
BBC B; BBC Master; BBC Master Compact; (Disk or networked); RM Nimbus; Acorn Archimedes (PC emulator); £35.95
Disk; Book
Computer studies; Programming languages; Secondary education; Sixth form education; Further education
A language similar to PASCAL, intended to be used in the teaching of correct structured programming. Consists of an editor, compiler and run-time system manual. Bask on the book "Karel - a gentle introduction to the art of programming in PASCAL" (Pattis, E.), supplied with the package.
Network software on 80t DFS with transfer instructions. For stand alone software, please specify format required. Please state machine when ordering.
11-18+

Keep the thief

Langley, Nr. Slough: Electronic Arts Ltd
198-
Amiga; PC; £24.99
Disk
Computer games; Puzzles; Problem solving
Player has to explore a mysterious jungle continent, with 3 cities to investigate, hidden dungeons and challenging wilderness encounters.
Also available on 3.5" disk for PC.

Keeping safe

See: Good health

Kegel

Chepstow: AVP Computing
198-
German programs with Willi Wunderbar
BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £19.50 BBC Master Compact; £21.70 Acorn Archimedes; RM Nimbus; £24.50 RM Nimbus Network; (up to 16 machines) £45.00; (up to 48 machines) £65.00 Econet; £58.50
Disk

German; Modern languages; Secondary education; General Certificate of Secondary Education
Presents multi-choice or type-in answer questions in game format based on bowling at Kegelbahn. 28 sets of basic vocabulary questions are held on data files. Includes facility for user to write extra sets of questions
Only specify 80t if you cannot use 40t disks
13-16

Kermit 0.9 : version 40

London: King's College Chelsea
198-
Apple Macintosh; £5.00
Disk
Communication; Utilities
A file transfer protocol; running appropriate version on different types of computer linked by appropriate RS-232 cabling allows file transfers to be accomplished at speeds of up to 19,200 bands. Host mode also available in some implementations. Macintosh version includes ability to send all files in a specified folder. Public domain software.
Compatible with Macintosh II.

Key

London: ITV Schools
1987
BBC B; BBC B+; BBC Master 128; Version 1.1c; £7.95 RM Nimbus; Version 2.0; £9.95
Disk
Primary education; Secondary education; Information handling; Cross curriculum; Computer graphics
General purpose data handling system for use across the curriculum. Key Nimbus is a technically improved version and is also suitable for large networks
BBC 40t, 5.25" DFS; BBC 80t, 5.25" DFS
8-18+

Key : utilities Nimbus

London: ITV Schools
1989
RM Nimbus; £7.95
Disk
Utilities
Transfers data to Key from some of the other data systems, from ASCII

Key : utilities 1

London: ITV Schools
1988
BBC B; BBC B+; BBC Master 128; £2.75
Disk
Utilities
Transfers data to Key from some of the other data systems and from ASCII
BBC 40t, 5.25" DFS

Key : utilities 2

London: ITV Schools
1989
BBC B; BBC B+; BBC Master 128; £8.95

Disk**Utilities**

Enables user to edit graphics and maps created using Key. Can be used to write text on graphics and allows more detailed pictures and maps to be drawn. Current release has an improved text facility, with descenders for the lower case letters

BBC 40t, 5.25" DFS

8-18+

Key and Census : starter pack

Newcastle Upon Tyne: Northern Micromedia
198-

BBC B; BBC Master; £8.00 RM Nimbus; BBC Compact; £10.00

Disk

Statistics; Sociology; History; Data handling

A starter pack including the Key census datafile to be used in conjunction with KEY data-handling software. The user is able to deposit his/her completed census file with the NORIC Centre in exchange for a file created elsewhere in the country

10+

Key distribution

Norwich: ITV Schools

.990

BBC B; BBC B+; BBC Master 128; £15.00 RM Nimbus; £17.25 Econet; £21.50

Disk

Utilities; Computer graphics; Information handling

Enables Key records to be associated with areas on a map, for instance district council areas within a county. Data from within the key records can then be plotted onto the map, using automatic divisions or analysis chosen by the user. The software is generic in form, so that it can be used with any Key datafile and any appropriate Key map

BBC B/Master 40t, 5.25" DFS; BBC Master 5.25" ADFS; Econet level 2 and 3, NFS

11-18+

Key Econet

London: ITV Schools

1989

BBC Master 128; BBC Compact; £17.25

Disk

Primary education; Secondary education; Information handling; Cross curriculum; Computer graphics

Network version of general purpose data handling system for use across the curriculum

Level 2 or 3 networks

8-18+

Key graveyard data : starter pack

Newcastle Upon Tyne: Northern Micromedia
1990

BBC B; BBC Master; £14.00

Disk; teacher's guide; sample files;

History; Databases; Cross curriculum; Secondary education

A program based on information collected from grave memorials

10+

Key single

London: ITV Schools

1989

BBC B; BBC B+; BBC Master 128; £4.95

Disk

Primary education; Secondary education; Information handling; Cross curriculum; Computer graphics; Utilities

Removes the necessity for disc-swapping when using a single-sided 40 track drive. Key single contains the search, sort and display routines, of the Key programs, but not those to create and amend files. The spare space on the disk is formatted to accept a Key datafile. Once created using full Key, pupils can investigate the file without having to change disks.

BBC 40t, 5.25" DFS

8-18+

Key 128

London: ITV Schools

1989

BBC Master 128; BBC Compact; £8.95

Disk

Primary education; Secondary education; Information handling; Cross curriculum; Computer graphics

General purpose data handling system for use across the curriculum

BBC Master 128, 5.25" ADFS; BBC Compact, 3.5" ADFS

8-18+

Keyboard skills

Glasgow: Collins Educational

198-

Microspecial

BBC B; BBC B+; £20.00

Disk; documentation; teacher notes

Business education; Cross curriculum; Life skills; Puzzles; Problem solving; Special educational needs; Secondary education

A friendly, flexible program using a problem solving, structured approach, allowing teachers to design an individualised program, controlling difficulty level and altering data to suit requirements of pupils. Includes monitoring and assessment facility. Suitable for either individual or group use. Contained in Microspecial pack. Documentation available separately. Bulk purchases and site licences available - details from publishers.

11-15

Keymaster

Birkenhead: Ansys Expertise Ltd.

198-

Apple Macintosh; £74.00

Disk**Utilities**

Links EPSF and PICT artwork and more creative documents, allowing importation of art from most drawing programs into a high resolution PostScript font. Allows library of up to 16 drawings to be organised into a font ready for instant use with any Macintosh application. Logos, signatures or symbols can be used with regular text. Bit-map screen font version of each design is created automatically.

Works on current Macintosh systems with at

least 1Mb RAM; please check required configuration.

Keys

See: Science in process : pack 1

Keysheet

London: ITV Schools

198-

BBC Master 128; £26.95

Disk

Mathematics; Secondary education; Spreadsheets

Allows the use of standard mathematical operations and most of the usual maths functions e.g. sum, count, average, square. Data can be displayed as pie chart, line graph or bar chart. Menu driven, operated by mouse or from keyboard. Associated ITV Schools programme I.T.

5.25", ADFS

Keystroke

ITEM (Information Technology Educational Materials)

London: ITEM

1987

RM Nimbus; £15.00 RM Nimbus network; £30.00

1 disk; 1 documentation booklet

Business education; Primary education; Secondary education; Sixth form education; Further education

0708599354

Keystroke is a self-instructional keyboard tutor specifically designed for use with the Nimbus IBM keyboard layout. Features include automatic speed testing and an exercise generator.

RM Nimbus PC - 186, AX and VX machines; stations used in Nimbus mode.

5-16+

Kidnap

Hewer, Sue (designer); Dhir, Rajiv (software)

Coventry: NCET

1989

BBC Master; £19.00

1 disk; 1 Teacher's book; 1 pupil dossier; 7 photocopy masters; keystrip

French; Modern languages; Puzzles; Problem solving

1853790699

A task based activity in which pupils imagine one of their companions has been kidnapped and have to describe both the kidnapper and their companion in French. They have to try to find their companion by solving clues left by the kidnapper, and using a dossier of materials for the Pas-de-Calais region and a simple database. Licensing agreements/large bulk orders; details from publishers.

40t

11-14

Kidney

Pratt, R.J.

Birmingham: Hutchinson Software

198-
RML 380Z; £15.00
1 disk
Biology; Secondary education; Sixth form education; Further education; Computer graphics; Simulation
Uses animated diagrams, simulation, multiple-choice quiz to illustrate how the kidney works and to test and reinforce students' knowledge.
380Z disk
11-18

Kilnwood and Gowest

Northampton: Northamptonshire Computer Education Centre
198-
RM Nimbus; £25.00
Disk; documentation
History; Geography; Environmental education; Primary education; Adventure simulation;
Two simulations - Gowest (building a railroad across North America in the 19c.); Kilnwood (based on the debate between conservationists and developers for various areas of the mythical village of Kilnwood). Bulk purchase discounts and licences available - details from publishers.
15-11

Kinetic

Grace, A.
Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)
11/1984
BBC B; £3.50
Disk
Physics; Sciences; Secondary education
Choice of 1-6 molecules in a box. Demonstrates dependence of pressure on molecular speed.

Kinetic theory and the gas laws

Chepstow: AVP Computing
1998-
BBC B; BBC B+; BBC Master 128; £24.50
Disk
Physics; Secondary education; Sixth form education; Further education; Simulation
Includes animated representation of the kinetic theory of matter (demonstrating solids, liquids, gases, melting, boiling and evaporation); simulation of the gas laws (heating, cooling, compressing, expanding); diagram allowing diffusion of 1 or 2 gases (heating, cooling, separated by either a hole or a semi-permeable membrane)
Only specify 80t if you cannot use 40t disks
144+

Kinetic, EBDA, Ligand, LOWRY

MacPherson, G.A.
Cambridge: Biosoft
1998-
Apple Macintosh; IBM PC; 125.00
Disk; manual
Sciences; Computer graphics; Secondary education; Sixth form education; Further education; Adult education
A collection of radioligand binding analysis

programs. Contents: Kinetic (calculations association/dissociation rate constants); EBDA, Ligand (analyses equilibrium studies - EBDA performs preliminary analysis to provide initial estimates required by LIGAND, which then obtains final parameter estimates); LOWRY (calculates protein concentrations).

Apple Macintosh 1Mb RAM minimum; IBP PC 256K RAM minimum, IBM or Hercules graphics card. IBM 5.25" or 3.5" disk.

Kinetics fastPath 4

Exeter: Maxima Communications plc
198-
Apple Macintosh; £2,195.00
Disk
Communication
Provides a bridge between LocalTalk networks and Ethernet. Software solutions from Maxima give access to TCP/IP-based, Unix, Ultrix and VMS systems and to DECnet-based systems. Is programmable; has auto-configuration capability.
Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

King Henry the Fifth

London: Sussex Publications Ltd; World Microfilms
198-
Shakespeare on disk
IBM PC and compatibles; RM Nimbus; £25.00
Disk; manual
English; English literature; Secondary education; Sixth form education; General Certificate of Secondary Education; A level examinations
ASCII text file, allowing MS DOS word processors to be used to perform analyses of King Henry the Fifth; scan the entire play for keywords; compare vocabulary and speeches among several plays; prepare tests; print out dramatic scripts with comments and stage directions; print out copies of the plays and selected passages; add comments, notes, critical opinion etc. into the text
11+

King Henry the Fourth part 1

Davies, Paul (ed.)
Bangor: Akadimias
198-
Tutor series : English Literature - set texts
BBC B; BBC Master 128; Econet levels 2 & 3; Acorn; RM Nimbus PC 186; RM Nimbus AX series; Nimbus network; Amstrad 6128 & PCW; IBM PC compatible; £25.00 (includes site licence for up to 10 terminals)
Disk; study booklet; reading list
English literature; Secondary education; Sixth form education; Further education; A level examinations
A program to test student knowledge with questions in a multiple choice format, in either a random or sequential order, and with various user selectable time-bases against which the test may be taken. Facilities for revision; sequential, random test modes; with four time based skill levels in each test mode. Discounts available: details from publisher.
BBC 40 or 80t disk (please specify). Acorn DFS

& ADFS; RM Nimbus 3.5" disk; Amstrad disk; IBM PC 5.25" or 3.5" disk (please specify)
11-16+

King Henry the Fourth part 1

London: Sussex Publications Ltd; World Microfilms
198-
Shakespeare on disk
IBM PC and compatibles; RM Nimbus; £25.00
Disk; manual
English; English literature; Secondary education; Sixth form education; General Certificate of Secondary Education; A level examinations
ASCII text file, allowing MS DOS word processors to be used to perform analyses of King Henry the Fourth Part 1; scan the entire play for keywords; compare vocabulary and speeches among several plays; prepare tests; print out dramatic scripts with comments and stage directions; print copies of the plays and selected passages; add comments, notes, critical opinion etc. into the text.
11+

King Henry the Fourth part 2

London: Sussex Publications Ltd; World Microfilms
198-
Shakespeare on disk
IBM PC and compatibles; RM Nimbus; £25.00
Disk; manual
English; English literature; Secondary education; Sixth form education; General Certificate of Secondary Education; A level examinations
ASCII text file, allowing MS DOS word processors to be used to perform analyses of King Henry the Fourth part 2; scan the entire play for keywords; compare vocabulary and speeches among several plays; prepare tests; print out dramatic scripts with comments and stage directions; print copies of the plays and selected passages; add comments, notes, critical opinion etc. into the text.
11+

King Lear

Normand, Lawrence (ed.)
Bangor: Akadimias
198-
Tutor series : English Literature - set texts
BBC B; BBC Master 128; Econet levels 2 & 3; Acorn; RM Nimbus PC 186; RM Nimbus AX series; Nimbus network; Amstrad 6128 & PCW; IBM PC compatible; £25.00 (includes site licence for up to 10 terminals)
Disk; study booklet; reading list
English literature; Secondary education; Sixth form education; Further education; A level examinations
A program to test student knowledge with questions in a multiple choice format, in either a random or sequential order, and with various user selectable time-bases against which the test may be taken. Facilities for revision; sequential, random test modes; with four time based skill levels in each test mode. Discounts available: details from publisher
BBC 40 or 80t disk (please specify). Acorn DFS & ADFS; RM Nimbus 3.5" disk; Amstrad disk; IBM PC 5.25" or 3.5" disk (please specify).
11-16+

King Lear

London: Sussex Publications Ltd; World Microfilms

198-

Shakespeare on disk

IBM PC and compatibles; RM Nimbus; £25.00

Disk; manual

English; English literature; Secondary education; Sixth form education; General Certificate of Secondary Education; A level examinations

ASCII text file, allowing MS DOS word processors to be used to perform analyses of King Lear; scan the entire play for keywords; compare vocabulary and speeches among several plays; prepare tests; print out dramatic scripts with comments and stage directions; print copies of the plays and selected passages; add comments, notes, critical opinion on opinion etc. into the text

11+

King of the jungle

1855720361

See: Pathway to bearings : Suite B

King Richard the Second

London: Sussex Publications Ltd; World Microfilms

198-

Shakespeare on disk

IBM PC and compatibles; RM Nimbus; £25.00

Disk; manual

English; English literature; Secondary education; Sixth form education; General Certificate of Secondary Education; A level examinations

ASCII text file, allowing MS DOS word processors to be used to perform analyses of King Richard the Second; scan the entire play for keywords; compare vocabulary and speeches among several plays; prepare tests; print out dramatic scripts with comments and stage directions; print copies of the plays and selected passages; add comments, notes, critical opinion etc. into the text

11+

King Richard the Third

London: Sussex Publications Ltd; World Microfilms

198-

Shakespeare on disk

IBM PC and compatibles; RM Nimbus; £25.00

Disk; manual

English; English literature; Secondary education; Sixth form education; General Certificate of Secondary Education; A level examinations

Analyses of King Richard the Third; scan the entire play for keywords; compare vocabulary and speeches among several plays; prepare tests; print out dramatic scripts with comments and stage directions; print copies of the plays and selected passages; add comments, notes, critical opinion etc. into the text

11+

Kingdom of Hamil

Partington, Jonathan

Peterborough: Topologika

1987

BBC B; BBC Master 128; BBC Master Compact; PCW; £14.95 CPC; Spectrum +3; £11.95 Amstrad; IBM PC; RM Nimbus; £17.50 Acorn Archimedes/A3000; £19.95

Disk; booklets

Adventure simulation; Computer games; Puzzles; Problem solving; English; Secondary education

An adventure simulation of a dispossessed king setting about to reclaim his throne in the Kingdom of Hamil. Acorn Archimedes/A3000 includes Acheton free

12-Adult

Kitchen design program

London: British Gas plc

198-

RM Nimbus; RM Nimbus network; £27.50

Disk; user notes; student materials

Home economics; Craft, design, technology; Life skills; Secondary education; Sixth form education; General Certificate of Secondary Education; A level examinations

Allows kitchen outlines of variable scale to be quickly and easily produced, and units and equipment to be selected and placed. Includes range of sample outlines, and partly completed designs for student to finish. Provides sample food preparation activities for the ergonomic testing of kitchens.

Mouse driven

13-18

Kitchen planner in 3D

Boyd-Clarke, Marie; Pettit, Gwyneth

Otley: Academic Software

1986

BBC B; BBC B+; BBC Master; Acorn Archimedes; Nimbus; £24.00 (educ) or site licence

Disk; ringbinder

Cross curriculum; Home economics; Design; Craft, design, technology; Secondary education

A package presenting the principles of kitchen design, illustrated in perspective. Includes safety, hygiene and efficiency assessments; design scoring adds an element of competition. Print option.

BBC 80t d/s disk or 40t s/s disk; Archimedes 3.5" disk; Nimbus 3.5" disk

13+

Kite

See: Plant ecology field study techniques

Kite diagrams

See: Ecology data processing. 1: Graphs and charts

Kite diagrams of coastal vegetation

See: Coastal studies : programs for fieldwork

Kite 1

See : Fieldata

Kites

See : Fieldata

Knight

Io Software; Dary, John; Holst, Tristen

Gravesend: Fernleaf Educational Software Ltd

1986

BBC B; BBC B+; BBC Master; (disk) £11.26 BBC B (cassette); £8.65

40t; 1 disk or cassette; 1 documentation booklet

History; Language; Primary education; Secondary education; Puzzles; Problem solving

Contained in Norman England. The knight must demand service from the villagers in order to meet his obligations to the Abbot. He has to decide whether to build a house or a castle or whether to seek the local people's co-operation or to force it

8-12

Know your compass points

185572037X

See: Pathway to bearings : Suite C

Knowledge organiser

Northwich: Clares Micro Supplies

1989

Acorn Archimedes; £59.95

Disk; manual

Databases; Communication; Computer studies; Secondary education; Further education; Viewdata

This is the enhanced version of ARCTFS from Texellence where data is entered as a text file and can be imported from graphic writer, First word+, any ASCII file or from the Cambridge computers Z88 using a serial port. It can also use downloaded data from online databases such as the Knowledge index, Prestel

14+

Kon-tiki

Amos, J.

Bracknell: Golem Software Ltd

198-

BBC; £11.95

Disk; documentation

Geography; Primary education; Secondary education; Adventure simulation; Puzzles; Problem solving

Based on Thor Heyerdahl's Kon-tiki expedition. Pupils journey on the Kon-tiki, recording the raft's position on a map; entering notes in the logbook on events, storms, current and wind. Destinations reached may be the Tuamotu group of islands; the Marquesas; Tahiti; The Galapagos; Easter Island and the coast of Central America.

Please state BBC or electron; 40 or 80t disk 8-16+

Kopfjaeger

See: Kopfjaeger and Umziehen

Kopfjaeger and Umziehen

Jones, Barry; et al; Homerton College

London: Cambridge Micro Software
11986
BBC B; BBC B+; BBC Master; £17.50 BBC Econet Level 2/3; £35.00
CDisk
Modern languages; German; Primary education; Secondary education; Computer graphics
Contents: Umziehen (gives practice in spelling, gender and prepositions as user arranges furniture in a room on screen); Kopflager (draws faces according to user's instructions)
BBC 40/80t; programs convertible by user for Master Compact
111-15

IKwashioakor

Cambridge: Biosoft
1198-
Blancher Clinical Case Studies
Apple Macintosh; £50.00 (single simulation)
Additional simulations on same order £30.00
CDisk; manual
Sciences; Sixth form education; Further education; Adult education
Growth ceases in a child on low-protein diet; resistance to infection becomes feeble and many other symptoms present
3.5" disk
118+

IK-Spool

Exeter: Maxima Communications plc
1198-
Apple Macintosh; £645.00
CDisk
Communication
Runs on Unix systems; acts as an Apple LaserWriter print spooler for both Macintosh and Unix users. Requires no special software on the Macintosh.
Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

L : a mathemagical adventure

Members of the Microcomputers Working Group
Derby: ATM (Association of Teachers of Mathematics)
1198-
BBC; BBC Master Compact; RM Nimbus; RML 380Z/RML 480Z/Network; £14.95
Disk; booklet
Mathematics; Primary education; Secondary education; Puzzles; Problem solving
0900095482
An adventure game, allowing opportunities to discuss and solve problems which can be developed in other classroom activities
BBC 40t 5.2" disk; BBC Master Compact ADFS 3.5" disk; RM Nimbus 3.5" disk; RML 380Z single density 5.25" disk; RML 380Z/480Z/Network double density 5.25" disk
5+

La Vuelta : Spanish quiz

Leamington Spa: SPA (Software Production Associates)

1198-
RM Nimbus; £15.00 RM Nimbus Network; £39.00
Modern languages; Spanish; Geography; Puzzles; Secondary education
Program has 150 multiple-choice questions; the correct answer moves the user to the next town on their trip around Spain. Encourages discussions and co-operation and improves oral language work.
11-14

Labelwriter

London: Wight Scientific
1198-
IBM PC and compatibles; Apricots; £20.00 (cheque with order, £15.00) BBC, Amstrad PCW; details from publishers
Disk
Art; Design; Craft, design, technology; Secondary education; Further education;
A fast label design and printing program, with full editing facilities.
Requires Epson compatible printer.

Labgas computer pack

London: British Gas plc
1198-
BBC B; BBC B+; BBC Master 128; RM Nimbus; £10.35 (0.75m lead); £11.20 (2m lead)
Disk; user notes; leads
Home Economics; Sciences; Craft, design, technology; Life skills; Secondary education; Sixth form education; General Certificate of Secondary Education; A level examinations
Contents: LABGAS program 1 (converts meter output to volume, flow, energy and cost); LABGAS program 2 (for use in respiratory studies). Designed to complement the use of the laboratory gas meter, designed by British Gas for the measurement of dry fuel gases and also suitable for normally unreactive gases; and which may be used for respiration measurement if a suitable drying system is used.
BBC 40t or 3.5" disk. Please state computer type
11-18

Labgas program 1

1198-
See: LABGAS computer pack

Labgas program 2

See: LABGAS computer pack

Labtech notebook

Letchworth: Adept Scientific Micro Systems Ltd.
1198-
Apple Macintosh II; £795.00
Disk
Sciences; Data processing; Control technology
An integrated general-purpose package for data acquisition, process control, monitoring and data analysis for the Macintosh II. Program collects data from transducers, displays it in real time and saves to disk while software simultaneously controls the process. Data acquisition, display and filing functions are user-configurable. Allows triggering options and real-time

calculations to be built into the system; data to be collected from thermocouples, strain gauges, RTDs, resistance devices and counters or timers, as well as devices producing voltage and current output. Converts data into engineering units in real time. File formats compatible with analysis programs, e.g. Microsoft Excel. Works with number of hardware interfaces, e.g. RS-4422.
For Macintosh II.

Labview

Newbury: National Instruments
1198-
Apple Macintosh; £1,408.00 (substantial discounts available for volume classroom/curriculum use)
Disk
Sciences; Control technology; Data processing; Information handling
A system providing a complete integrated environment for scientific applications involving instrument control, data acquisition, data analysis, data display, data management and report generation. Features include tools to build, operate and save virtual instruments for future use, allowing their incorporation into the design of others and mixing with real instruments into integrated test and measurement systems.
Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Labyrinth

See: Acornsoft hits 2

Lab-NB

Newbury: National Instruments
1198-
Apple Macintosh II; £515.00
Disk
Sciences; Utilities; Control technology; Information handling; Data processing
A multi-function analogue, digital and timing input/output board for the Macintosh II, designed to be used with software modules for developing data acquisition applications.
For Macintosh II.

Lab-NB LabDriver

Newbury: National Instruments
1198-
Apple Macintosh; £60.30
Disk
Sciences; Information handling; Data processing
A high-level program module for developing data acquisition applications in conjunction with Lab-NB.
Works on current Macintosh II.

Lab-SE

Newbury: National Instruments
1198-
Apple Macintosh SE; £441.00
Disk
Sciences; Utilities; Control technology; Information handling; Data processing
A multi-function analogue, digital and timing

input/output board for the Macintosh SE, designed to be used with software modules for developing data acquisition applications.

For Macintosh SE.

Lab-SE LabDriver

Newbury: National Instruments

198-

Apple Macintosh; £60.30

Disk

Sciences; Information handling; Data processing

A high-level program module for developing data acquisition applications in conjunction with Lab-SE.

Works on Macintosh SE.

Lady

See: Basic package

Lake web

St. Just: MJP (Michael Jay Publications)

198-

BBC B; BBC B+; BBC Master; £14.95 RML Nimbus; details from publishers

Disk; user manual

Geography; Biology; Ecology; Secondary education; Computer graphics

Examines the food chain in a small lake as the user takes on the role of one of the fish. Encourages development of awareness of food-chains and the conflict between energy conservation and the need to hunt for food. Randomised sequences.

BBC 40t unless otherwise requested.

12-15

Landscapes

Willson, Angus; Killbery, Ian; Watson, Deryn; et. al

Harlow: Longman Micro Software

1987

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; Acorn Archimedes; £19.50 BBC Econet levels 2 & 3; SJ file server; AMCOM E-Net; £30.00

Disk; 1 documentation booklet; 7 students' leaflets

Geography; Secondary education

0582267196

Allows students to explore contour maps, cross sections and 3-D views from different bearings and vertical angles, developing an understanding of land form. Also allows students to obtain cross sections along selected eastings and northings.

BBC 40t, 5.25" DFS disk; BBC 80t, 5.25" disk; Archimedes compatible 3.5: disk

11-16

Language development pack

Trott, Michael; Solanki, Navin

Studley: LTS (Learning and Training Systems)

1984

BBC B; BBC Master; BBC Master Compact; £15.95 Econet Level 2/3; Filestore & SJ systems Network; £25.95

1 disk; 1 booklet; 1 key strip

Language; Creative writing; English; Primary education; Secondary education; Sixth form education; Further education

Contents: Sentence corrector (children provide a new word; replace an incorrect or inappropriate word); Word stopper (a simple wordprocessor which provides similies for over or incorrectly used or misspelt words); Say that again (children rewrite text in their own words).

Network software on 80t DFS with transfer instructions. For stand alone software, please specify format in which material is required.

7-18+

Language of functions and graphs

ITMA (Investigations on Teaching with Microcomputers as an Aid) Collaboration

Manchester: Joint Matriculation Board

198-

Disk

Mathematics; Puzzles; Problem solving; Secondary education; Computer graphics

Contents: Bottles (relates graphs to real-world events); Bridges (a bridge- building exercise); Sunflower (a problem-solving exercise in systematic investigation and modelling, practising place value in the use of decimals as user tries to grow the world's tallest sunflower); Traffic (develops distance/time graph interpretation skills).

Language programs

Rostron, A.; Phillips, Richard; Vowles, Andrew; et al.

Doncaster: RESOURCE

198-

BBC B; BBC Master 128; £27.50

2 disks; documentation booklet; picture book

Language; English; Primary education; ; Secondary Education; Special educational needs

A suite of programs, designed initially for use with deaf children but which can also be used with young children, giving feedback to the user about correct language structures. LEA/ Regional licences and bulk purchase discount available

5.25" 40t DFS. 80t DFS available - surcharge £1.50 per disk

8-15

Language work in the classroom

Straker, Anita; Tate, Laurie; Smith, Peter; et al.

London: Capital Media

1984

BBC B; £8.00

Disk

Primary education; Mathematics; Language; Computer games; Puzzles; Problem solving; Simulation

6 programs linked to language work in the curriculum: Mallory (a game similar to Cluedo); Master (a problem solving simulation); Mtalk 1 and Mtalk2 (stimulate discussion about shapes, introduce mathematics terms); Storyline (generates random phrases about a person/ persons, what they are doing and where); Wordplay (allows children to explore results of phrases randomly compiled from a list of words).

BBC 40t s/s, s/d disk

Lang-man

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £24.50

Disk

French; Modern languages; Secondary education; Authoring aids; Content free programs

A vocabulary reinforcement program for creating and arranging word groups on any subject at any level of difficulty in a range of Western European languages. Learners then work with these words through 3 different games - guess, anagram, word code.

Only specify 80t if you cannot use 40t disks

11-16

Large scale weather patterns

See: Practical meteorology. 1: Large scale weather patterns

Larger and smaller : exploring scale at macro and micro levels

Williams, Richard

Cambridge: Cambridge Micro Software

1989

BBC B+; BBC Master; c.£25.00

2 Disks (40/80t); 1 Teacher's handbook

Physics; Computer graphics

052135294

Enables exploration of scale/levels of organisation; acquisition of concepts of resolution and visibility.

Laser letters

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £17.50

Disk

English; Language; Spelling; Primary education; Secondary education; Adult education

Educational word games with 3 separate vocabularies each of over 500 words and 9 difficulty levels: Wordtangle (unscrambling jumbled words); Letter shuffle (shuffling letters into the correct order); Bridge of words (joining up words to complete the bridge); Next letter (alphabet trainer); Laser letters (arcade-style spelling test); Back to back (spelling game).

Only specify 80t if you cannot use 40t disks

6+

Last adventure

Studley, Warwickshire: LTS (Learning and Training Systems)

BBC B; BBC Master; RM Nimbus; Acorn Archimedes; £23.95 Econet Level 2/3; Filestore & SJ systems; Nimbus network; £35.95

Disk; Instruction pack

Cross curriculum; English; Mathematics; Creative writing; Primary education; Secondary education; Sixth form education; Further education; Special educational needs; Adventure simulation

A package for creating adventures and simulations which can be used to enhance many curriculum areas, including Maths and English

BBC version includes option to use Concept keyboard. For stand alone versions please specify format in which material is required. Network

versions supplied on 80t DFS disks with transfer instructions.

7-18+

I Late baroque : 1700-1750

I Chpstow: AVP Computing

I 198-

I History of music tutor

I BBC Master 128; BBC Master Compact; RM Nimbus; £24.50 Econet; £58.50

I Disk

I Music; History; Secondary education; Sixth form education; Further education

I Provides a quick understanding of or reference to the repertoire and main characteristics of musical style of the period - developments in opera and oratorio, Church music, the fugue, developments in the instrumental music and concerto grosso. Includes introduction detailing social, political and other aspects influencing the period and a chronological list of composers and their works.

Only specify 80t if you cannot use 40t disks

111+

II Late shift dockside

II Delmonte, Ellis

II London: Aurora Educational Software

II 1989

IRM Nimbus 512k; £35.00 BBC B; £35.00 RM Nimbus Network; £65.00

IIDisk; manual

ISociology; Primary education; Secondary education

IThis program was developed in association with the Metropolitan Police and is used in schools throughout London. It simulates the late shift in an inner city area, where emergency calls come thick and fast. Pupils have to know their division and deploy appropriate officers to answer the calls. Late shift dockside is a colourful, exciting and stimulating way to explore the problems of the urban environment.

88-Adult

III Launching logic : logic 1

III Hewitt, Iris

III Wisbech, Cambridgeshire: esm

III 198-

IShiva numeracy and logic programme

IBBC B; BBC B+; BBC Master 128; £18.50

IDisk; Teacher's handbook

IMathematics; Puzzles; Problem solving; Primary education; Computer games

IDeals with the concepts of sorting one-one correspondence, reflection, negation, one difference, attributes large/small, thick/thin, colour/shape. Contained in Shiva Numeracy and Logic programme and in Shiva Logic program.

IBBC 5.25" disk

54-11

IV Le calice magique : an adventure in French

IV Leamington Spa: SPA (Software Production Associates)

IV 1987

RRML 480Z; £15.00 RML 480Z Network; £39.00

1 disk; 1 booklet; 1 vocabulary sheet; 4 cut-out cards

Modern languages; French; Problem solving; Puzzles; Language; Primary education; Secondary education; Adventure simulation; Computer games; Computer graphics

A program that features day-to-day living situations such as telling the time and using the telephone. Consists of puzzles, problems, anagrams and graphics. Suitable for beginners. Gives lots of vocabulary practice, encourages group work.

6-14

Le detective

Andersen, Francoise

London: Wida Software Ltd

IBM; RM Nimbus; £29.95 Network/Site licence; £59.90

Adventure simulation; Computer games; French; Secondary education

1850051380

A French adventure game

14+

Le tour - French quiz

Leamington Spa: SPA (Software Production Associates)

198-

RM Nimbus; £15.00 RM Nimbus Network; £39.00

Modern languages; French; Geography; Puzzles; Primary education; Secondary education

Program has 150 multiple-choice questions; the correct answer moves the users to the next town on their trip around France. Encourages discussion and co-operation; improves oral language work.

8-14

Le tresor cache

Andersen, Francoise

London

Wida Software Ltd

IBM; RM Nimbus; £29.95 Network/Site licence; £59.90

Adventure simulation; Computer games; Modern languages; French; Secondary education; Sixth form education; Further education

1850051410

A French adventure game

14+

Le vol de la joconde and Le jeu des personnalites

Chpstow: AVP Computing

BBC B; BBC B+; BBC Master 128; £24.50

Modern languages; French; Secondary education

Three language games : Le vol de la joconde - the Mona Lisa has been stolen. Pupils pursue the thief round Paris answering a series of questions as they go, and have to solve an anagram to catch the thief. Le jeu des personnalites - pupils guess the names of famous personalities from a series of clues. Lotto - pupils play bingo in French in twos or against the computer.

12+

Learning about equations

Dolgellau: Science Education Software

198-

BBC B; BBC Master 128; Econet; £21.50 + VAT
RM Nimbus; Acorn Archimedes; £22.50 + VAT
RM Nimbus Network; £37.50 + VAT

Disk

Chemistry; Sciences; Secondary education

Introduces chemical equations and has been designed for students to work through on their own with the minimum of supervision. Word equations are used initially and then the program progresses to equations with chemical symbols. At any point, students can obtain help by referring to a picture of the periodic table.

BBC 40t, 5.25" disk; BBC 80t, 5.25" disk; RM Nimbus, Acorn Archimedes, 3.5" disk

14-16

Learning geography with computers

Coventry: NCET/MESU

1989

BBC B; BBC Master; RM Nimbus; £75.00

Disks; documentation; books

Geography; Cross curriculum; Information handling; Primary education; Secondary education

An in-service training pack focussing on the use of computers to support the geography curriculum in middle and secondary schools. Includes classroom case studies; articles; checklists for organising/evaluating the use of computers; resource lists. Covers cross curricular themes such as fieldwork, oracy and data handling. Supplementary video of case studies available. Contents: Sand harvest; Climate graphs; Human population growth; Choosing sites; Slopes; Stars; Drainage basin simulation; Grass; Front page extra. Licensing agreements/large bulk orders: details from publishers

5+

Learning maths : disk 1

O'Donoghue, C.

Plymouth: Garland Computing

1983

Learning maths (9 - 12)

BBC B; BBC B+; BBC Master 128; £23.50
Acorn Archimedes; £26.20 Econet; £41.15

Disk

Mathematics; Primary education; Special educational needs; Computer games; Computer graphics; Geometry

25 programs to build up understanding of the principles of mathematics using animations and simple games. Covers angles; directed numbers; fractions; coordinates and lines; symmetry; motion geometry. Site licences, multiple copy discounts available; details from publisher

BBC 40 or 80t (please specify)

9-12+

Learning maths : disk 2

O'Donoghue, C.

Plymouth: Garland Computing

198-

Learning maths (9 - 12)

BBC B; BBC B+; BBC Master 128; £13.85
Acorn Archimedes; £16.30 Econet; £31.50

Disk

Mathematics; Primary education; Special educational needs; Computer games; Computer graphics; Statistics

10 programs to build up understanding of the principles of mathematics using animations and simple games. Covers sets; elementary statistics; ratio. Site licences, multiple copy discounts available; details from publisher

BBC 40 or 80t (please specify)

9-12+

Learning with expert systems

Hatfield: Advisory Unit

198-

IBM PC; RM Nimbus; £26.00

Disk; booklet

Cross curriculum; Secondary education

1 853380 47 4

Two shells for the construction and testing of expert systems on topics ranging from foods, vitamins and disease, to diagnosis of faults in a home heating system. Bulk order discounts available.

Please specify machine version required.

11+

Leaver

See: Choices

Lecture

See: Molgraf

Left or right

1855720280 1855720299

See: Pathway to bearings ; Suite A

Legacy of the ancients

Langley, Nr. Slough: Electronic Arts Ltd

198-

Software classics

PC; £9.99

Disk

Computer games; Computer graphics; Puzzles; Problem solving

A role playing game featuring 24 3D dungeon levels to explore, with top-down cut-away graphics; 32 wilderness creatures and animated monsters and characters; and huge main continent with 12 towns to explore.

Lego control Logo resource pack

Blythe, Katrina; Hemsley, Keith; Rogers, Steve; Walsh, Angela

Wrexham: LEGO Dacta

1988

BBC; details from suppliers BBC (including Logotron chip); details from suppliers RM Nimbus; details from suppliers

Disk; 6 booklets

Control technology; Information technology; Primary education; Secondary education; Puzzles; Problem solving; Cross curriculum; Communication

1869953037 (BBC Version); 186995310X (RM Nimbus Version)

Helps bridge the gap between the world of school

and the technological world outside, allowing children to study the use of control technology, using and controlling mechanisms, designing and making, programming and problem solving through an integrated thematic approach using LEGO building and construction materials and the language of Logo with its control application

7-12+

Lego technic programmable systems

MEP; BST

Wrexham: LEGO Dacta

1986

BBC; details from suppliers RM Nimbus; details from suppliers

Disk; teacher guide; class set of resource books; photocopyable masters of pupil assignments

Control technology; Primary education; Secondary education; Puzzles; Problem solving; Cross curriculum; Communication; Craft, design, technology; Computer studies;

1869953002

Comprehensive materials for use with Lego Technic Control Set, forming a useful resource explaining the principles of control technology, both in computer education and in teaching technical subjects.

Requires LEGO technical control set; interface; and manual control panel

11-14+

Leisure complex

Glasgow: Scetlander

BBC Master 128; SPE; £15.00 (requires sideways RAM)

Disk or micro drive; teacher's notes; pupil's booklet

Environmental education; Primary education; Secondary education; Business education; Computer graphics

1855720574

Pupils form a development company to build a leisure complex on a country estate, planning the best possible layout to maximise use of land while minimising damage to the environment. Encourages need to recognise community responsibility for management of the environment.

BBC 5.25" disk; SPE micro drive

10-15

Leisure unlimited

Doncaster: RESOURCE

198-

BBC B; Acorn Archimedes; £32.95 BBC B; RM Nimbus; £23.50 Econet; £30.50

Disk; documentation; E-net pack includes 5 sets student documentation

Computer studies; Business education; Data processing; Secondary education; Sixth form education; Further education; Simulation

A simulation of a mail order company supplying leisure goods, familiarising students with a business data processing system and showing the computer as a business tool and part of an integrated system. LEA/Regional licences and bulk purchase discount available.

BBC B 5.25" 40t DFS; E-Net 5.25" 40t; BBC B 5.25" 80t DFS; Econet 5.25" 80t

14+

Length, area and volume

Sheffield: Pavic Publications

198-

BBC B; £12.95

Disk or cassette

Mathematics; Physics; Primary education; Secondary education

3 programs exploring the dimensions of length, area and volume in a structured teaching unit

BBC 40t or 80t disk; BBC cassette

5-13

Lenses

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; Acorn Archimedes; RM Nimbus; £24.50

Disk

Physics; Secondary education

A program which draws text book ray diagrams for convex and concave lenses, showing the rapid movements and changes of the image as an object is systematically moved away from the lens. Image-to-lens distances are calculated and tabulated with the object-to-lens distances

Only specify 80t if you cannot use 40t disks

13-16

Lenses : Lens ray tracing

Salford Science Software

Leamington Spa: SPA (Software Production Associates)

198-

BBC B; BBC B+; BBC Master; £ 23.00 Econet £ 55.00 RM Nimbus £ 25.00 RM Nimbus Network £ 58.00

1 disk; 1 teacher's guide

Sciences; Physics; Secondary education; Sixth form education; Further education; Computer graphics

Enables the user to investigate the path of light through both single and two-lens systems and various combinations of convex and concave lenses.

12-16+

LernLoco

Exeter: Minerva Software

198-

Amstrad PCW 8256; 8512; £19.95

Disk

Business education; Word processing

Step by step tutorial for Locoscript wordprocessor

LernLoco2

Exeter: Minerva Software

198-

Amstrad PCW 8256; 8512; 9512; £24.95

Disk

Business education; Word processing

Tutorial for Locoscript2

Les grandes vacances

See : French workshop

Let's count

Holt, Michael

Wisbech, Cambridgeshire: esm

1983

Infant software box

BBC B; BBC B+; BBC Master 128; £16.00

40t; 80t; 1 disk; 1 booklet

Pre-school education; Infant school education; Primary education; Mathematics; Computer games

Four games help children learn to count in four easy stages: 1-3; 0-4; 5-9; 0-9 from counting aloud to number recognition and the concepts of matching numbers, more than, and less than. Contained in Infant software box.

BBC 5.25" disk

3-5

Let's learn phonics

Cocks, Roger; Mason, Liz; Tweddle, Dave; et al.

Malvern: Starnet Ltd

198-

BBC B; BBC Master; £34.00 (reduction for bulk purchases eg for Psychological Services, Remedial Services, Advisers etc)

Disk; manual

English; Reading skills; Special educational needs; Primary education; Secondary education

An 80 step graded program dealing with acquisition of range of basic phonic skills, covering letter sounds, simple blends and words containing common blends and digraphs. Maintains records of progress of up to 20 pupils; provides class profiles; allows individualised practice sessions based on each pupil's most recent mistakes

Please specify whether 40t or 80t disk required

5+

Letra

Stott, W.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1984

BBC B; BBC Master 128; £10.00

1 Disk

English; Language; Reading skills; Spelling; Primary education

A prepared piece of text is presented to the user with the letters blanked out. The user then buys letters and points are scored by correctly guessing incomplete words as the text builds up.

Letraset type library

London: Letraset UK Ltd.

198-

Apple Macintosh; £56.25 each

1 Disk

Utilities

Some 75 best-selling typefaces from the Letraset library available for the Macintosh in PostScript format. Electronic versions designed to work in headlines and for short word settings. Complete font digitized, including alternate characters, ligatures, flourishes and symbols. One style per disk. 4 supplied free with LetraStudio type manipulation package.

Works on current Macintosh systems with at

least 1Mb RAM; please check required configuration.

LetraStudio

London: Letraset UK Ltd.

198-

Apple Macintosh; £375.00 (single site volume discounts - details from publishers)

Disk

Art; Design; Craft, design, technology; Computer assisted design

Allows typefaces to be displayed accurately on the screen and viewed at many levels of magnification with character shape and spacing being precisely managed up to one hundredth of a point. Provides for easy creation of common effects, e.g. kerning, italicising, rotating, outlining and drop shadows. Includes wide selection of optical distortions; supports colour; includes 2 LetraFont typefaces and on receipt of registration document a further 2 at no additional charge.

Requires a Macintosh II; at least 2Mb of RAM; enhanced video card and grey-scale monitor for optimum performance.

Letter and number formation

Nepcug Group

Newcastle upon Tyne: Northern Micromedia

1984

BBC B; BBC Master; £8.00 BBC Master Compact; £10.00

1 disk; 1 teacher's guide; 1 pupil's booklet

Readingskills; Mathematics; Primary education; Infant school education; Special educational needs; Computer games

A program designed for children at pre-reading stage who can recognise numbers and letters and for those who need practice in correct formation. Presents letters, numbers or patterns either alone or in groups as chosen by teacher

4+

Letter shuffle

See : Laser letters

Letterbox

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £24.50

Disk

French; Modern languages; Secondary education

Allows the automatic creation of Word Searches on any topic of any size between 5 x 5 and 25 x 25, with words intersecting or not and providing 5 different versions of any individual word grid. Allows clues to be given and time limit to be specified.

Only specify 80t if you cannot use 40t disks

11-14

Letterboxes

See: Games with words : pack 1

Lettergrab

See : Set of 13 reading and spelling programs

LetterPress

Reading: Thames Valley Systems

198-

Apple Macintosh; details from publishers

ROM

Desktop publishing

A collection of 600 PostScript fonts with accompanying Adobe Illustrator files

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration

Letters

Rees, John

Cardiff: Drake Educational Associates

198-

Visual memory

BBC B; BBC B+; BBC Master; £12.00

1 disk; 1 booklet

Language; English; Reading skills; Infant school education; Primary education; Special educational needs

A matching letter can be pre-selected to appear for between one to five seconds, after which it disappears

5+

Letters

See: Jigsaw and sliding puzzles

Letters and pictures

Spalding: Chalksoft Ltd

1988

BBC B; BBC B+; BBC Master; £15.00 BBC Master Compact; £17.00

1 disk; 40t; 80t; 1 booklet

English; Language; Infant school education; Primary education; Special educational needs

1851160442

Introduces phonic skills, providing enjoyable practice with initial and final consonants and middle vowel sounds, as the child uses only two keys to select letters to match pictures and vice versa. Leads to building up whole words.

Please state whether 40-track or 80-track disks are required.

6-8+

Letters to French penfriends

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £24.50

Disk

French; Reading skills; Creative writing; Modern languages; Secondary education; Sixth form education; Further education; General Certificate of Secondary Education

Three programs that offer practice in reading skills and letter writing.

Only specify 80t if you cannot use 40t disks

11+

Level 1 pictures

See: Blob 1

Level 2

London: MCMXCIX

198-

Apple Macintosh; £285.00 (25% education discounts available)

Disk

Music

A sequencing program containing a 48-track linear tape recorder mode; 126 sequences in Open Mode; 16 songs in song mode. Supports SMPTE, industry standard MIDI files, system exclusive record and playback. Real-time features include automatic looping, mute/unmute, automated punch in/out, etc. Provides extensive editing facilities, e.g. full editing of all MIDI data.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Level 2 pictures

See: Blob 1

Level 3 graded test

See: French workshop

Levers, pulleys and gears

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); RM Nimbus; £24.50 Econet; £58.50 RM Nimbus network version (up to 16 machines); £45.00; Larger networks (up to 48 machines); £65.00

Disk

Physics; Secondary education; Sixth form education; Further education; Simulation

Covers levers (the concepts of mechanical advantage, velocity ratio and efficiency); pulleys (pulley systems of velocity ratio between one and four; the effects of friction and weight of lower pulley/efficiency load graphs; simple and compound gear trains (measuring gear ratios by rotation of the gears).

Only specify 80t if you cannot use 40t disks.

14+

LGI switch on

Shipley: Bradford Activity Toys

198-

BBC B; BBC B+; £13.32

Disk (40/80t) or tape

Special educational needs; Language

A first program for someone who has started using a switch with a battery operated toy. In its simplest form, one switch press makes up one of the seven available pictures, and animates it with sound effects; up to 7 presses can be required to build up picture and see animation. Also includes picture matching exercises, requiring 2 switches - user has to match a large picture in the centre of the screen with one of two smaller ones at the side. Up to 5 combinations of presses can be demanded with 2 switches.

Please specify whether 40 or 80t disk required. Input through keyboard; joysticks; userport with interface box and switches.

Liberals : 1905-1915

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £17.50 RM Nimbus; £24.50 RM Nimbus network; (up to 16 machines) £45.00; (up to 48 machines) £65.00

Disk; worksheets

History; Secondary education; General Certificate of Secondary Education

Designed to aid revision, covering main features, e.g. social welfare measures, constitutional issues, foreign and imperial affairs, of the period. Text-based question/answer format.

Only specify 80t if you cannot use 40t disks.

15+

Librarian

Blaina, Gwent: Merlin Associates Ltd.

198-

Omnis 3

Apple Macintosh; £495.00 (single user); £995.00 (multi user)

Disk

Library administration

A library management system, offering a full range of functions - records of member details, loan, book details, location of book, supplier and publisher; a catalogue which can be searched for books under following criteria: abstract, title, author, location, subject, loan status, ISBM/Dewey classification. Search types cover keywords exact match and "contains ...". Reports include catalogue, accession register; loan details; overdue books; overdue book and available book letters. Time locked evaluation copies available - £25.00.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Library

Banks, David; Seagrave, A.; Pritchard, Joe

Doncaster: RESOURCE

198-

BBC B; BBC Master 128; £14.50 Econet; £21.95

Disk; documentation Econet pack includes 5 sets student documentation

Infant school education; Primary education; Secondary education; Databases; Information handling

Holds about 1000 records with information on publisher, minimum age, book code, and keywords, which allow children to search for a particular subject or theme. Can be operated by young children. LEA/Regional licences and bulk purchase discount available

BBC B/Master 5.25" 40t DFS; Econet 5.25" 40t. 80t DFS available - surcharge of £1.50 per disk

6+

Library catalogue : primary

Doncaster: RESOURCE

198-

BBC B; BBC Master 128; £23.50

4 disks; documentation

Library administration; Infant school education; Primary education

A dedicated information retrieval program designed for use within school/departamental libraries. Allows use of Dewey Classification System and colour coded systems, each handling 950 books. LEA/Regional licences and bulk purchase discount available

BBC B/Master 5.25" 40t DFS

5-11

Library catalogue : secondary

Doncaster: RESOURCE

198-

BBC B; BBC Master 128; £23.50

4 disks; documentation

Library administration; Secondary education

A dedicated information retrieval program designed for use within school/departamental libraries. 40t version handles 950 books; 80t version 1,940 books. LEA/Regional licences and bulk purchase discount available.

BBC B/Master 5.25" 40t/80t DFS. 80t requires dual disk drive

12-16

Library of machine code routines volume 1

Leamington Spa: SPA (Software Production Associates)

198-

RML 380Z; RML 480Z; RML 480Z Network; £10.00

Disk

Computer studies; Utilities

Machine code routines to help with input and output, including arranging a machine code program, getting characters from the keyboard, putting characters to the screen, reading a disk file into memory, interactively getting a fully validated filename from the keyboard.

Life lines

See: Reading for English

Life of Repton

Cambridge: Acornsoft

BBC B; BBC B+; BBC 128K B+; BBC Master 128; BBC Master Compact (40/80t); £7.95 BBC B; BBC B+; BBC 128K B+; BBC Master 128; BBC Master Compact (3.5"); £9.95

Disk; booklet

Puzzles; Problem solving; Computer games; Primary education;

Computer game of 40 screens portraying Repton's life from the cradle, through school, adolescence, work and old age.

40/80t disk; 3.5" disk

5+

Lifeboat

MEU Cymru

Glasgow: Scetlander

1988

BBC B; BBC B+; BBC Master 128; £15.00

Disk; supplementary database disk; back-up materials

Mathematics; Cross curriculum; Primary education; Secondary education; Sixth form education; Further education; Adventure simulation; Computer graphics

1855720590

Simulation of work of a coastguard, inshore and offshore lifeboat coxswain and helicopter pilot during a rescue operation, which forms the basis

for a term-long project incorporating a number of cross curriculum activities, e.g. plotting, distance measurement, bearings calculations and course setting.

BBC 5.25" disk

10-18

Lifeboat

Pearson, Stephen

Cardiff: MEU Cymru

198-

£16.00

Disk; documentation; work sheets

Adventure simulation; Primary education; Secondary education; Art; Design; Creative writing; Geography; History; Mathematics; Cross curriculum

A simulation set in the Bristol Channel, involving the launching and moving of lifeboats and helicopters to enact sea rescues of various kinds. Radio signals, views from the rescue vessels and grid referencing combine to create a real life situation.

9-13

Lift

Homerton College

Cambridge: Cambridge Micro Software

198-

BBC+; BBC Master; £22.50

2 disks (40t or 80t); 1 teacher's booklet

Physics; Simulation

0521263980 (40t); 0521306760 (80t)

Uses various velocities, accelerations to record and explore the force of a mass acting on a spring balance.

Lift off with numbers : numeracy 1

Hewitt, Iris

Wisbech, Cambridgeshire: esm

198-

Shiva numeracy and logic programme

BBC B; BBC B+; BBC Master 128; £18.50

Disk; Teacher's handbook

Mathematics; Puzzles; Problem solving; Primary education; Computer games

Deals with the concepts of using number 1-10; sorting one-one correspondence, cardinal and ordinal aspects of number. Contained in Shiva Numeracy and Logic programme and in Shiva Numeracy programme.

BBC 5.25" disk

5-11

Ligand

See: Kinetic, EBDA, Ligand, LOWRY

Light detection kit

Doncaster: RESOURCE

198-

BBC B; BBC Master 128; £30.50

Disk; hardware; documentation

Computer studies; Control technology

A simple hardware and software pack for

computer sensing and control. LEA/Regional licences and bulk purchase discount available

BBC B/Master 5.25" 40t DFS; 80t DFS

available - £1.50 surcharge per disk

Lights

See: Probability and statistics programs

Lily and frog

Lancaster: MARDIS

198-

£7.50

Disk

Special educational needs; Mathematics; Computer games

Provides number recognition and counting (up to 3) work in a game format, using a single switch for each player, who moves the frog across the lily pads to collect prizes. Option to vary number of lily pads; prizes; delay time. Includes program Counting, which can be used in preparation for the Lily and Frog program

Requires 2 switches to be connected either directly to the User Port or to the first two sockets of an interface box

Limiting factors in photosynthesis

See: Biochemistry and plant physiology pack

LINC

ITEM (Information Technology Educational Materials)

London: ITEM

1988

RM Nimbus network; £15.00

1 disk; 1 activity pack

Information handling; Viewdata; Secondary education; Sixth form education; Further education

0708599265

Local information on Computer is a pack of materials for use with the local viewdata program Revolver. It enables the user to find their way around a database, then to collect and organise information for the purposes of building their own resource

RM Nimbus PC - 186, AX and VX stations used in Nimbus mode

16+

LinCAD Amiga

Pagan, Gordon; Linear Graphics Personnel

Newtown: Linear Graphics Ltd

1989

Commodore Amiga; £150.00 Commodore Amiga; (16 user) £610.00

Disk

Computer graphics; Mathematics; Sciences; Art; Design; Computer assisted design; Craft, design, technology; Secondary education

An advanced 2D draughting and design tool. Features include pull down menus, information screens, instruction prompts, data entry by mouse, graphics tablet and keyboard; creation of lines, arcs, circles, polygons, etc; moving, copying, extending, erasing, etc. of items and part items; advanced block facilities; 2/3 point generation of arcs, circles, ellipses; 6 modes of arc drawing; 11 line drawing aids; 7 line styles;

Educational Software LIF - LIN

parallel tracking; arc-following text; variable character size, slant, orientation, symbol libraries, etc. Demonstration disk available

LinCAD Amiga demonstration disk

Pagan, Gordon; Linear Graphics Personnel

Newtown: Linear Graphics Ltd

1989

Commodore Amiga; £10.00

Disk

Computer graphics; Mathematics; Sciences; Art; Design; Computer assisted design; Craft, design, technology; Secondary education

Demonstration disk for LinCAD Amiga

10+

LinCAD Archimedes

Pagan, Gordon; Linear Graphics Personnel

Newtown: Linear Graphics Ltd

1989

Acorn Archimedes; £150.00 Acorn Archimedes; (16 user) £610.00

Disk

Computer graphics; Mathematics; Sciences; Art; Design; Computer assisted design; Craft, design, technology; Secondary education

An advanced 2D draughting and design tool. Features include pull down menus, information screens, instruction prompts, data entry by mouse, graphics tablet and keyboard; creation of lines, arcs, circles, polygons, etc; moving, copying, extending, erasing, etc. of items and part items; advanced block facilities; 2/3 point generation of arcs, circles, ellipses; 6 modes of arc drawing; 11 line drawing aids; 7 line styles; parallel tracking; arc-following text; variable character size, slant, orientation, symbol libraries, etc. Demonstration disk available

10+

LinCAD Archimedes demonstration disk

Pagan, Gordon; Linear Graphics Personnel

Newtown: Linear Graphics Ltd

1989

Acorn Archimedes; £10.00

Disk

Computer graphics; Mathematics; Sciences; Art; Design; Computer assisted design; Craft, design, technology; Secondary education

Demonstration disk for LinCAD Archimedes

10+

LinCAD Archimedes library disk (pneumatics)

Pagan, Gordon; Lineae Graphics Personnel

Newtown: Linear Graphics Ltd

1989

Acorn Archimedes; £10.00

Disk

Computer graphics; Mathematics; Sciences; Art; Design; Computer assisted design; Craft, design, technology; Secondary education

Library disk of pneumatic symbols for LinCAD Archimedes. Other library disks to be produced

Please specify software file format and type of Plotmate plotter

10+

LinCAD BBC

Linear Graphics Personnel

Newtown: Linear Graphics Ltd

1984

BBC B; BBC B+; BBC Master; £38.50

1 disk; 1 documentation booklet

Computer graphics; Mathematics; Sciences; Art; Design; Computer assisted design; Craft, design, technology; Secondary education

An introduction to computer assisted design, featuring rubber banding; X,Y, co-ordinate position display; vertical, horizontal and absolute length and angle of line; extension of a line at a fixed angle; arcs of circles or ellipses; powerful editing facilities; label and plot-files; dotted construction lines; zoom facilities; variable character size, slant, and orientation; special character font; rotation, scaling and offset transformation; isometric drawings; re-dimensioning of grid units; 4 types of screen dump to Epson dot matrix printer; high definition output to PLOTMATE

Please specify software file format and type of Plotmate plotter

10+

LinCAD Nimbus

Pagan, Gordon; Linear Graphics Personnel

Newtown: Linear Graphics Ltd

1989

RM Nimbus; £150.00 RM Nimbus/Network; £610.00

Disk

Computer graphics; Mathematics; Sciences; Art; Design; Computer assisted design; Craft, design, technology; Secondary education

An advanced 2D draughting and design tool. Features include pull down menus, information screens, instruction prompts, data entry by mouse, graphics tablet and keyboard; creation of lines, arcs, circles, polygons, etc; moving, copying, extending, erasing, etc. of items and part items; advanced block facilities; 2/3 point generation of arcs, circles, ellipses; 6 modes of arc drawing; 11 line drawing aids; 7 line styles; parallel tracking; arc-following text; variable character size, slant, orientation, symbol libraries, etc. Demonstration disk available

10+

LinCAD Nimbus demonstration disk

Pagan, Gordon; Linear Graphics Personnel

Newtown: Linear Graphics Ltd

1989

RM Nimbus; £10.00

Disk

Computer graphics; Mathematics; Sciences; Art; Design; Computer assisted design; Craft, design, technology; Secondary education

Demonstration disk for LinCAD Nimbus

10+

LinCAD PC

Pagan, Gordon; Linear Graphics Personnel

Newtown: Linear Graphics Ltd

1989

IBM PCs and compatibles; £150.00 IBM PCs and compatibles; (16 user) £610.00

Disk

Computer graphics; mathematics; Sciences; Art; Design; Computer assisted design; Craft, design, technology; Secondary education

An advanced 2D draughting and design tool. Features include pull down menus, information screens, instruction prompts, data entry by mouse, graphics tablet and keyboard; creation of lines, arcs, circles, polygons, etc; moving, copying, extending, erasing, etc. of items and part items; advanced block facilities; 2/3 point generation of arcs, circles, ellipses; 6 modes of arc drawing; 11 line drawing aids; 7 line styles; parallel tracking; arc-following text; variable character size, slant, orientation, symbol libraries, etc. Demonstration disk available

10+

LinCAD PC demonstration disk

Pagan, Gordon; Linear Graphics Personnel

Newtown: Linear Graphics Ltd

1989

IBM PCs and compatibles; £10.00

Disk

Computer graphics; Mathematics; Sciences; Art; Design; Computer assisted design; Craft, design, technology; Secondary education

Demonstration disk for LinCAD PC

10+

LinCAD primer (Amiga)

Pagan, Gordon; Linear Graphics Personnel

Newtown: Linear Graphics Ltd

1990

Commodore Amiga; £35.00 Commodore Amiga; (16 user) £140.00

Disk

Computer graphics; Mathematics; Sciences; Art; Design; Computer assisted design; Craft, design, technology; Primary education; Secondary education

This software package is a simplified version of LinCAD Amiga. It is an introductory CAD package suitable for all age groups

7+

LinCAD primer (Archimedes)

Pagan, Gordon; Linear Graphics Personnel

Newtown: Linear Graphics Personnel

1990

Acorn Archimedes; £35.00 Acorn Archimedes; (16 user) £140.00

Disk

Computer graphics; Mathematics; Sciences; Art; Design; Computer assisted design; Craft, design, technology; Primary education; Secondary education

This software package is a simplified version of LinCAD Archimedes. It is an introductory CAD package suitable for all age groups

7+

LinCAD primer (Nimbus)

Pagan, Gordon; Linear Graphics Personnel

Newtown: Linear Graphics Ltd

1990

RM Nimbus; £35.00 RM Nimbus Network; £140.00

Disk

Computer graphics; Mathematics; Sciences; Art; Design; Computer assisted design; Craft, design, technology; Primary education; Secondary education

This software package is a simplified version of LinCAD Nimbus. It is an introductory CAD package suitable for all age groups

7+

LinCAD primer (PC)

Pagan, Gordon; Linear Graphics Personnel

Newtown: Linear Graphics Ltd

1990

IBM PCs and compatibles; £35.00 IBM PCs and compatibles; (16 user) £140.00

Disk

Computer graphics; Mathematics; Sciences; Art; Design; Computer assisted design; Craft, design, technology; Primary education; Secondary education

This software package is a simplified version of LinCAD PC. It is an introductory CAD package suitable for all age groups

7+

Linchart BBC

Linear Graphics Personnel

Newtown: Linear Graphics Ltd

1984

BBC B; BBC B+; BBC Master; £19.25

1 disk; 1 documentation booklet

Sciences; Mathematics; Computer graphics; Primary education; Secondary education

Allows the easy creation of data-entry files which can be output to Plotmate in pie or bar-chart format. User control over every aspect of output choice of 2/3D effects; angle of perspective of pies and bars, hatching angle and size and position of labels

Please specify software file format and type of Plotmate plotter

7+

Line graphs

London: ILECC (Inner London Educational Computing Centre)

198-

RML 380Z; RML 480Z; RML network; £10.00

1 disk; 1 handbook

Mathematics; Statistics; Geography; Secondary education; Further education; Cross curriculum

The program allows the user to draw and save different line graphs. Ten of them can be held in memory and an automatic re-scaling gives flexibility in the display. Data from own observations or from the "Bar charts" program can be used and printed out.

Printer required

11-18+

Linear motion

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £24.50

Disk; notes

Physics; Mathematics; Secondary education; Sixth form education; Further education; A Level Examinations

Motion is depicted by a symbol moving on the display and measures made of displacement against time, with variable initial velocity, acceleration, mass and force, leading to the basic equations of uniformly-accelerated linear motion; the equation $F = ma$, and the conclusion that the gravitational acceleration is constant. Velocity-time variation is derived from the slope displacement-time graph; displacement-time variation from the area under the velocity-time graph. Similar procedures cover the occurrence and magnitude of frictional force between a body and the surface over which it moves, and the tension in a string connecting two moving bodies

Only specify 80t if you cannot use 40t disks.

16+

Linear programming

See: Iteration formulae and graphs

Linear programming and statistical functions

Chepstow: AVP Computing
198-
BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £17.50 BBC Master Compact; £19.70 Acorn Archimedes; £24.50
Disk
Statistics; Secondary education; General Certificate of Secondary Education
Contents: Lingprog (designed for teacher use to demonstrate solution of GCSE linear programming problems); Cor® (multi-function correlation and regression program); Sigtest (multi-function significance testing program in which data may be entered item by item or in the form of sample means and sample deviations).
Only specify 80t if you cannot use 40t disks
114-16

Linemill

Hughes, Glyn; Kulmala; Kalle-Juhani
London: Softmill order via Wida Software Ltd
11989
MS-DOS; £45.00
Disk
Language; English; English (second language); Reading skills; Primary education; Secondary education
English language reading comprehension program. Draws on the same database as Fillmill; makes sentences; splits them into two; presents the learner with three to seven jumbled sentences which he/she has to unscramble.
Look-up dictionaries available in French, Spanish or German
MS-DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PPC with 1MB memory & IBMulator
77-18+

Lineout

See: Teaching with a micro : maths 4

Lines

See: Basic package

Lines

See: Games, activities and investigations volume 1

Lines

See: Mathematical investigations in the primary classroom

Lines

See: Games with words : pack 1

Linfont BBC

Newtown: Linear Graphics Ltd
198-
BBC B; BBC B+; BBC Master; £
Disk
Design; Art; Craft, design, technology; Utilities
Allows user to design own fonts for use within the Linsign 2 software. Characters are designed on a 100 x 225 unit grid. Features include rubber-banding, zooming and curve drawing; macro facility for design of characters with repeat features; 2 extra ready designed fonts (one alpha-numeric; the other purely pictorial); utility for converting Beebugsoft Hershey Characters software to a format that Linsign 2 can utilize.
Please specify software file format and type of Plotmate plotter.

Linguists software fonts

Middlesbrough: Applied Technology Marketing
198-
Apple Macintosh; details from publishers
Disk
Utilities; Language; Modern Languages
A range of special foreign language fonts, including LaserCyrillic, LaserFrench, German, Spanish, LaserGreek, LaserHebrew, Laser Tech and LaserTransliterator, MacArabic & Farsi, MacCyrillic, MacHebrew, MacHieroglyphics, MacHindiSanskrit (Ajmer), MacKana and Basic Japanese Kanji, MacKorean, MacPhonetics, MacSemitic Coptic Devanagari, SuperFrench, German, Spanish; SuperGreek, SuperGreek, Hebrew & Phonetics, SuperGreek Old Testament, SuperGreek New Testament and Tech. Full information sheets available.
Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Link

See : Set of 13 reading and spelling programs

Linking clocks to the real world

See : Time for work

Links

See: Deutsch direkt!

Links

See: Games with words: pack 2

Links

See: Making connections

Linmap BBC

Linear Graphics Personnel
Newtown: Linear Graphics Ltd
1985
BBC B; BBC B+; BBC Master; £38.50
2 disks; 1 documentation booklet
Computer graphics; Art; Design; Craft, design, technology; Secondary education; Geography
A digitising package, ideal for the creation of maps to show coastlines, borders, contours, footpaths and other cartographic details. Powerful editing facilities including selective shading; choice of fill patterns; text and labels at any slant, angle or orientation, part erasing or amending of the digitized image and the logging of pen colour changes before output to PLOTMATE
For all Plotmates except XY-500 and Multipen versions. Requires input device, either Marconi RB2 Trackerball, Mouse or Grafpad 11
10+

LinMAP library disk

Linear Graphics Personnel
Newtown: Linear Graphics Ltd
1987
BBC B; BBC B+; BBC Master; £11.90
Disk
Geography
A library disk for use with Linmap. Contains 11 base maps of countries and continents
Please specify software file format and type of Plotmate plotter
10+

Linmatic Archimedes

Pgan, Gordon; Linear Graphics Personnel
Newtown: Linear Graphics Ltd
1989
Acorn Archimedes; £32.00 Acorn Archimedes; (16 users) £130.00
Disk
Electronics; Design; Craft, design, technology; General Certificate of Secondary Education; Secondary education
A pneumatic circuit design package, with simple pull down menu system. Circuit symbols are selected from a symbols table using the mouse pointer, and are manoeuvred on the design page by the pointer. Symbols may be rotated or flipped before being locked into position. Worksheet may be saved, reviewed or output to Plotmate
10+

Linotype PostScript fonts

Cheltenham: Font Shop
198-
Apple Macintosh; £80.00 - £315.00
Disk
Utilities
Postscript volumes of 435 individual fonts including Helvetica; Frutiger; Sabon; Stempel Garamond; 1904 Franklin Gothic; New Aster and Candida.
Works on current Macintosh systems with at

least 1Mb RAM; please check required configuration.

LinPro

See: Secondary maths 3

Linprog

Whitworth, F.C.P.

Houghton-on-the-Hill, Leicester: MUSE
(Microcomputer Users in Education)

1986

BBC B; £4.00

Disk

Mathematics; Computer studies; Secondary education; Computer programming;

Illustrates the solution of graphical linear programming problems.

LinSCAN

Linear Graphics Personnel

Newtown: Linear Graphics Ltd

1986

BBC B; £99.00

80t; Version 0.2; 1 disk; 1 documentation booklet
Computer graphics

For operating system 1.2 and above. Requires Plotmate pen plotter. A digitising package that, when used in conjunction with the Plotmate pen plotter allows complex images to be digitised and stored on disk. The stored image data can then be processed and output to either the screen display, a dot matrix printer or Plotmate. Options are provided which allow image data files to be converted into EXEC files for use with other programs. An area calculation facility allows the area or plotted parts of scans to be calculated

10+

LinSIGN BBC

Newtown: Linear Graphics Ltd

1985

BBC B; BBC B+; BBC Master; £55.75

1 disk; 1 user manual; 1 key strip

Art; Design; Craft, design, technology;
Computer graphics; Primary education;
Secondary education

A powerful, easy to use signwriting and poster creation package. Allows 4 character fonts to be used to design and edit page layouts on the screen, with full control over character size, slant, font and orientation. Independent Linsign art files may also be overlaid. Output to Plotmate in 10 colours. Incorporates Linfont BBC which allows user to design own fonts. Characters are designed on a 100 x 225 unit grid. Features include rubber-banding, zooming and curve drawing; macro facility for design of characters with repeat features; 2 extra ready designed fonts (one alpha-numeric; the other purely pictorial); utility for converting Beebugsoft Hershey Characters software to a format that Linsign can utilize.

7+

LinSIGN Nimbus

Amy, Richard

Newtown: Linear Graphics Ltd

1989

RM Nimbus; £95.00 RM Nimbus (16 user);
£445.00

Disk

Art; Design; Craft, design, technology;
Computer graphics; Primary education;
Secondary education

Produces colourful and attractive designs for signs, posters, etc. Text may be rotated in one degree steps, slanted, mirrored or stretched; includes 18 fonts, such as Italic, Old English, Gothic, Block Shadow and Block outline; facility to incorporate other fonts. Allows input of lines, rectangles, polygons, curves, ellipses and circles; drawing of ornate borders. Duplication facilities provide for multiple copy pattern generation. Output to plotting, printing, even vinyl cutting equipment.

7+

LinSIGN PC

Amy, Richard

Newtown: Linear Graphics Ltd

1989

IBM PCs and PC compatibles; £95.00

Disk

Art; Design; Craft, design, technology;
Computer graphics; Primary education;
Secondary education

A powerful, easy to use signwriting and poster creation package. Allows Produces colourful and attractive designs for signs, posters, etc. Text may be rotated in one degree steps, slanted, mirrored or stretched; includes 18 fonts, such as Italic, Old English, Gothic, Block Shadow and Block outline; facility to incorporate other fonts. Allows input of lines, rectangles, polygons, curves, ellipses and circles; drawing of ornate borders. Duplication facilities provide for multiple copy pattern generation. Output to plotting, printing, even vinyl cutting equipment.

7+

LinSIGN 2 Archimedes

Amy, Richard

Newtown: Linear Graphics Ltd

1987

Acorn Archimedes; £55.75 Acorn Archimedes;
(16 user) £275.00

Disk

Art; Design; Craft, design, technology;
Computer graphics; Primary education;
Secondary education

A powerful, easy to use signwriting and poster creation package. Twenty four character fonts can be used to design and edit page layouts on the screen, with full control over character size, slant, font and orientation. Independent Linsign art files may also be overlaid. LinSIGN can produce posters, signs, nameplates, labels, titles, notices, forms and documents in up to 10 colours; and when output to PLOTMATE can plot the graphics onto paper, overhead projection transparency film, card and several other media including cloth. Pre-designed fonts include Gothic, Italic, Old English, Greek and a Clip-art font. For designing one's own self-styled fonts, LinFont, the LinSign II font designer is included in the package. The characters are designed on a 100 by 255 grid, and features include rubber-banding, zooming and curve drawing. A macro facility allows for characters with repeat features. As well as the ability to output to plotters, LinSign II includes a Printer Driver enabling output to Epson FX80 compatible Dot-Matrix printers.

7+

Lintable Nimbus

Stower, P.

Newtown: Linear Graphics Ltd

1989

RM Nimbus; £35.00

Disk

Databases; Schools; Timetables

A subject timetable database taking into account up to 5 periods. Subjects can be arranged throughout the week for every year group in the school. Allows whole subject timetable for a week to be plotted to A4 sheet of paper. Subjects may be entered for each period and subsequently edited. Pupil timetable may be plotted with group subjects in place, room number and teacher to be added by the pupil

Please specify software file format and type of Plotmate plotter

LinTRACK Archimedes

Linear Graphics Personnel

Newtown: Linear Graphics Ltd

1987

Acorn Archimedes; £112.00 Acorn Archimedes;
(16 user) £450.00

Disk

Electronics; Art; Design; Craft, design,
technology

Enables the design and revision of printed circuit board artwork. Features include 4 substance layers; comprehensive screen viewing; easy modification; powerful editing; library of dual-in-line, transistor, connector and pad layouts; self creation of own library items; 1:1 direct artwork on tracing film or direct onto board; round track ends; mouse or cursor key control. Demonstration disk available

10+

LinTRACK Archimedes demonstration disk

Linear Graphics Personnel

Newtown: Linear Graphics Ltd

1987

Acorn Archimedes; £10.00

Disk

Design; Electronics; Craft, design, technology

A demonstration disk for Lintrack Archimedes

10+

LinTRACK BBC PCB designer

Sitch, Doug

Newtown: Linear Graphics Ltd

1986

BBC B; BBC B+; BBC Master ; £112.00 Ecomat
£300.00

2 disks; 1 user guide

Electronics; Art; Design; Craft, design,
technology

Enables the design and revision of printed circuit board artwork. Features include 4 substance layers; comprehensive screen viewing; easy modification; powerful editing; library of dual-in-line, transistor, connector and pad layouts; self creation of own library items; 1:1 direct artwork on tracing film or direct onto board; round track ends; mouse or cursor key control. Demonstration disk available

10+

LinTRACK BBC PCB designer demonstration disk

Linear Graphics Personnel
 Newtown: Linear Graphics Ltd
 1986
 BBC B; BBC +; BBC Master; £10.00
 1 disk; 1 user guide

Design; Electronics; Craft, design, technology
 A demonstration disk for Lintrack BBC PCB designer

10+

LinTRACK Nimbus

Linear Graphics Personnel
 Newtown: Linear Graphics Ltd
 1988
 RM Nimbus; £112.00 RM Nimbus network;
 £450.00 + £10.00 per station

Disk
 Electronics; Art; Design; Craft, design, technology

Enables the design and revision of printed circuit board artwork. Features include 4 substance layers; comprehensive screen viewing; easy modification; powerful editing; library of dual-in-line, transistor, connector and pad layouts; self creation of own library items; 1:1 direct artwork on tracing film or direct onto board; round track ends; mouse or cursor key control. Demonstration disk available

10+

LinTRACK Nimbus demonstration disk

Linear Graphics Personnel
 Newtown: Linear Graphics Ltd
 1988
 RM Nimbus; £10.00

Disk
 Design; Electronics; Craft, design, technology
 A demonstration disk for Lintrack Nimbus

10+

LinTRACK PC

Linear Graphics Personnel
 Newtown: Linear Graphics Ltd
 1988
 IBM PCs and PC compatibles; £112.00 IBM PCs and compatibles; (16 user) £450.00 + £10.00 per station

Disk
 Electronics; Art; Design; Craft, design, technology

Enables the design and revision of printed circuit board artwork. Features include 4 substance layers; comprehensive screen viewing; easy modification; powerful editing; library of dual-in-line, transistor, connector and pad layouts; self creation of own library items; 1:1 direct artwork on tracing film or direct onto board; round track ends; mouse or cursor key control. Demonstration disk available

10+

LinTRACK PC demonstration disk

Linear Graphics Personnel
 Newtown: Linear Graphics Ltd

1988
 IBM PCs and PC compatibles; £10.00
 1 disk; 1 user guide
 Design; Electronics; Craft, design, technology
 A demonstration disk for Lintrack PC

10+

LinTRONIC BBC

Linear Graphics Personnel
 Newtown: Linear Graphics Ltd
 1984
 BBC B; BBC B+; BBC Master; £19.50

1 disk; 1 documentation booklet; 1 key strip
 Computer graphics; Electronics; Design; Craft, design, technology

A disk-based software package enabling the creation, editing, storing, labelling and output to Plotmate of electronic circuit diagrams

Please specify software file format and type of Plotmate plotter

10+

LinWEATHER Archimedes

Linear Graphics Personnel
 Newtown: Linear Graphics Ltd
 1989

Acorn Archimedes; £19.25

Disk

Geography; Sciences; Primary education; Secondary education

Allows weather data to be input and subsequently displayed and plotted in different graphic forms: temperatures (maximum and minimum displayed as line graph); Cloud cover (standard met office Oktas symbols); Wind speed and direction (wind rose); Pressure (line graph); Precipitation (block graph). Data can be loaded on a daily, weekly or monthly basis and a year's weather saved on disk.

5+

LinWEATHER BBC

Lymer, Peter
 Newtown: Linear Graphics Ltd
 1989

BBC B; BBC B+; BBC Master; £19.25

Disk

Geography; Sciences; Primary education; Secondary education

Allows weather data to be input and subsequently displayed and plotted in different graphic forms: temperatures (maximum and minimum displayed as line graph); Cloud cover (standard met office Oktas symbols); Wind speed and direction (wind rose); Pressure (line graph); Precipitation (block graph). Data can be loaded on a daily, weekly or monthly basis and a year's weather saved on disk.

5+

Lipidemia

Cambridge: Biosoft
 198-
 Blanchaer Clinical Cases Studies
 Apple Macintosh; £50.00 (single simulation)
 Additional simulation on same order £30.00
 Disk; manual

Sciences; Sixth form education; Further education; adult education
 A 34 year-old mechanic experiences chest pains when shovelling snow
 3.5" disk
 18+

Lisa

Cambridge: Biosoft
 198-
 Blanchaer Clinical Case Studies
 IBM PC/PS2; Apple II; £50.00 (single simulation) Additional simulations on same order £30.00
 Disk; manual
 Sciences; Simulation; Sixth form education; Further education; Adult education
 An interactive simulation - Lisa suffers from phenylketonuria.
 5.25" disk Apple II series 3.3 DOS, 64K RAM minimum; IBM PC (CGA/EGA), 3.5" disk also available.
 18+

LISP

Cambridge: Acornsoft
 BBC B; BBC B+; BBC 128K B+; BBC Master 128; BBC Master Compact; £20.00 Econet; £110.00 Archimedes; £199.00
 ROM; cartridge ROM
 Programming languages; Secondary education; Sixth form education; Further education
 The fundamental list-processing language of artificial intelligence research, with simple overall structure offering flexibility in data and control structures, while providing fast execution for language design applications. Can be used in any graphics mode; extensions provided to take advantage of BBC micro graphics and sound facilities. Compatible with 6502 second processor or Turbo.
 ROM
 12+

List explorer

MESU, Special Needs Software Centre
 Coventry: NCET/MESU
 1988
 BBC B; BBC B+; BBC Master; £13.00
 2 disks; book
 Databases; Special educational needs; Primary education; Information handling; Cross curriculum
 1853790508
 A simple introductory database using the concept keyboard, which allows pupils to search, group and print out information from any area of the curriculum, and so become active users of information
 Requires Concept keyboard
 5+

Listen 2.1

London: Argents
 198-
 Apple Macintosh; £99.00
 Disk
 Music

An interactive ear training program, with a complete line of exercises including single notes; two note melodies; melodic sequence of user determined length; interval recognition; triads; 7th chords; 9th, 11th, 13th and random atonal chords; tuning up; triad and 7th chord identification; interval and inversion identification. Includes an on screen piano keyboard and guitar fretboard and playback facility using the 4-voice Macintosh internal synthesizer, or any MIDI keyboard; and a glossary of common music theory terms. 5 difficulty levels.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Lister

Murphy, R.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1987

BBC B; BBC Master 128; £15.00

Disk; Documentation

Utilities; Databases; Information handling

Versatile information storage/retrieval system. Search produced lists can be edited, re-ordered, and selected details printed, or saved for later word processing.

Works on disk and Econet

Lists : a simple jargon-free introductory database

Nixon, Alan (designer and programmer)

Idham: NCET/MESU, North west SEMERC 984

Blue file

BBC B; £2.50

40t; 1 disk; 1 documentation leaflet

Databases; Primary education; Secondary education; Special educational needs; Information handling

Produced in association with MESU, Manchester SEMERC. A jargon free database program which encourages children of all ages to collect and examine information on any topic. Freely copiable for use in UK education.

Lithographer

Norwich: MacEurope Ltd.

198-

Apple Macintosh II; £5,000 - £50,000 depending on configuration

Disk

Desktop publishing

Allows import of graphics created in any of the Macintosh paint and drawing programs; colouring of those graphics as required by accessing the Macintosh II's potential colour palette; 4-colour separations to be produced on the LaserWriter or Linotronic 300 typesetter.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Litter louts

See: Dataprobe : the add on pack

Little Red Riding Hood

Street: Selective Software

198-

BBC B; BBC B+; BBC Master 128; £9.50 BBC Master Compact; £11.50

Disk; Teacher notes

Mathematics; Language; Sciences; Puzzles; Problem solving; Infant school education; Primary education

A two-part adventure - in Part 1 the pupil accompanies Red Riding Hood on her journey to visit Grandma, meeting many animals and other characters who pose problems to be solved; in Part 2 the pupil helps Red Riding Hood search the Magic Forest for Grandma, using the simple map provided. A cross-curriculum further activities booklet available from Jacky Moore, the Credon Centre, Kirton Road, Plaistown, London E13 9DR; £1.50).

BBC B 5.25" 40 or 80t disk; BBC Master Compact 3.5" disk.

5-8

Littoral zonation

Kent, J.W.

Plymouth: Garland Computing

1983

Seashore ecology

BBC B; BBC B+; BBC Master 128; £13.85 Econet; £31.50

Disk

Ecology; Secondary education; Sixth form education; Further education; Simulation

Simulated distribution maps of 17 plant and animal species on the seashore, illustrating a range of patterns that may develop depending on exposure to rough weather. Contained in Seashore ecology disk collection. Site licences, multiple copy discounts available; details from publisher

BBC 40 or 80t (please specify)

16+

Local industry package

Gledhill, Bob

Halifax: Careersoft

1986

BBC B; BBC B+; £19.50

Disk

Careers; Business education; Databases; Information handling; Secondary education; Sixth form education; Further education; Word processing

Promotes information gathering about local industry and commerce. Promotes group activity. Useful for maintaining lists of contacts for work experience, careers conventions, etc. Networkable. Available as part of BBC special offer.

BBC B, B+; (5.25" DFS disks); 40 or 80 track drive and colour monitor essential; parallel printer advisable.

14-16+

Locate

See: Hatfield computer aided geography pack 2

Loch Torridon 3D physical landscape

Glasgow: CDG (Scotland) Ltd.

198-

3D physical landscapes

BBC B; BBC B+; BBC Master 128; £15.50 Acorn Archimedes; IBM PC; RM Nimbus; £21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

Geography; Databases; Secondary education

Designed to take advantage of the potential of the Three Dimensional suite. Deals with aspects of land use, relief, roads, rocks, soils and slopes. Structured modular work units accommodate ability levels; integrate computer procedures and assist in the acquisition of knowledge and understanding, developing enquiry, evaluation and analysis skills, etc. Optional Epson compatible screen dump (BBC/Nimbus only) available - £7.50 (BBC); £13.50 (Nimbus). Discounts available for purchase of any two or more datapacks - details from publishers.

Please state format required: BBC 40 or 80t disk; IBM PC (EGA/ECD only)

12-16

Locked room

See: Reading for English

Locomotion

Stiles, Stella

Coventry; Northampton: Micro Express; NCET/MESU

1988

BBC B; BBC B+; BBC Master; £15.00

Disk; Concept keyboard overlay; teacher notes; set of posters

History; Primary education; Primary secondary education; Secondary education; Special educational needs

A theme pack based on the use of the concept keyboard with Touch explorer plus, focussing on the early development of railways and the Industrial Revolution. Licensing agreements/large bulk orders: details from publishers

40t disk. For use with Concept keyboard and Touch Explorer Plus

5+

Locus pack

Coventry: NCET/MESU

1989

BBC B; RM Nimbus; £19.50

2 disks; 8 booklets

Mathematics; Secondary education

1853790532

Contents: Arms; Circles; Harmony; Joins (Joins in BBC version only). A collection on the theme of loci, generated by computer and traditional methods, designed to promote investigative work. Includes student materials, and case studies. Licensing agreements/large bulk orders details from publishers

11-18

Logic doors

See: Fun school for over 8s

Logic gates

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); BBC Master Compact; Acorn Archimedes; IBM PC and compatibles; RM

Nimbus; £24.50 RM Nimbus network; (up to 16 machines) £45.00; (up to 48 machines) £65.00 Econet; £58.50

Disk; notes

Computer studies; Secondary education; Sixth form education; Further education

The computer simulates the behaviour of five types of logic gates and displays the connecting leads - and; nand; or; nor; eor. Designs can be saved and loaded from disk. Allows, e.g., gated bistable circuits to be demonstrated.

Only specify 80t if you cannot use 40t disks

14+

Logic gates

Bate, Mike

Longbridge Deverill, Warminster: Soft Teach Educational

1988

PhysiCATsoft programs

BBC B; £12.00 BBC B+; BBC Master 128; £14.00 Acorn Archimedes; £18.00 BBC B+; BBC Master 128 Network; £28.00 Acorn Archimedes Network; £36.00

Disk; manual

Sciences; Physics; Electronics; Secondary education; Sixth form education; Computer graphics

0948808950

Deals with logic gates in 3 independent stages, written for the Archimedes; this version is under full mouse control and has a 6 gate option. BBC B+ Master 128 has a 4 gate option; BBC B a 3 gate option. Introduces 2-input gates, comparing theoretical circuit diagrams and truth tables for AND & NAND functions, and OR, NOR & EOR functions, shown with nominal 0 and 5v values against logic 0s and 1s. Includes a few fixed groups of various 2-input and NOT gates, with testing facility, and the ability to combine up to 6 gates to test their behaviour for a wide range of problems. Bulk purchase discount available.

BBC 5.25" disk; Archimedes 3.5" disk

11-18

Logic 1

See: Count, Tiles, Shape, Boxes, Sequences, Blocks 1 & 2, Clock, Stats and Logic 1.

LogicWorks

Byfleet, Weybridge: CADSoft Systems

198-

Apple Macintosh; £195.00; (Site licence; £650.00)

Disk

Computer assisted design; Design; Craft, design, technology; Engineering; Electronics; Simulation

An integrated schematic diagram and digital logic simulation package, allowing the creation, documenting and testing of circuit designs. Features "live" circuits on screen which respond to connection, input and parameter changes. Provides menu of standard symbols for logic devices; supports simulation of PROM and PLA logic devices. Allows logic files to be read from LPLC; supports Cut/Copy/Paste between multiple circuit windows; printing and passing to MacPaint or PICT files of logic and timing diagrams for use in plotting or creation of other documents. Provides flexible printing capabilities; supports full digital simulation.

Works on current Macintosh systems with at

least 1Mb RAM; please check required configuration.

LogicWorks 7400 library

Byfleet, Weybridge: CADSoft Systems

198-

Apple Macintosh; £150.00

Disk

Computer assisted design; Design; Craft, design, technology; Engineering; Electronics

A library for use with LogicWorks.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Logifrench 1

l'Huillier, Monique

London: Wida Software Ltd

1985

Logifrench 1 & 2

BBC B; BBC B+; BBC Master; Apple; £20.00 BBC Econet Level 2/3; £40.00

Disks

Modern languages; French; Secondary education; Sixth form education; Further education

Passe Compose and Imparfait: contextualised exercises on French verb tenses.

BBC 40/80t; programs convertible by user for Master Compact. Apple II+, IIe, IIC and IIGs, under DOS 3.3. Programs convertible to PRODOS by user

11-18+

Logifrench 2

l'Huillier, Monique

London: Wida Software Ltd

1986

BBC B; BBC B+; BBC Master; Apple; £20.00 BBC Econet Level 2/3; £40.00

Disks

Modern languages; French; Secondary education; Sixth form education; Further education

Future and Conditional: Two packages of contextualised exercises on French verb tenses.

BBC 40/80t; programs convertible by user for Master Compact. Apple II+, IIe, IIC and IIGs, under DOS 3.3. Programs convertible to PRODOS by user.

11-18+

Logifrench 3

L'Huillier, Monique

London: Wida Software Ltd

BBC B; £20.00

Modern languages; French; Secondary education; Sixth form education; Further education

1850051429

Language practice for learners of French; use and forms of the present indicative/subjunctive

11-18+

Logo

See : Programming step by step

Logo challenge

Glover, Heather; Neave, Malcolm

Harlow: Longman Micro Software

198-

BBC B; BBC B+; BBC Master 128; £30.00

Disk

Computer studies; Computer graphics; Secondary education

A learning package introducing logical problem solving skills involved in computer programming using the commands and structure of Logo graphics, encouraging the student to develop clear thinking and logical analysis in commanding a screen pen to draw pictures or patterns, ranging from the simple to the more complex.

BBC 40t, 5.25" DFS disk

11-14

Logo microworlds

Derby: ATM (Association of Teachers of Mathematics)

198-

BBC; BBC Master Compact; RM Nimbus; Acorn Archimedes; £25.00

Disk; activity cards; help cards; rule cards; poster; teacher book

Mathematics; Primary education; Secondary education; Sixth form education; Further education; Puzzles; Problem solving

0900095768

Contains 4 microworlds - Multi; Locus; Grids and Buggy. Requires very little experience with Logo, but contains many extensions for experienced users. Ideal for generating projects, exploiting the open approach associated with Logo to address mathematical topics in the National Curriculum

BBC 40t; RM Nimbus; Acorn ADFS/ Archimedes

8-18

Logodisc 1

Dyer, Richard

Ilford: NCET/MESU

1986 (Sept.)

BBC B; BBC Master;

s/s; 40t; DFS; 1 disk

Requires Logotron Logo to run. No documentation. Files for use with Logotron Logo. Freely copiable for educational use in the UK.

Logomotion

Cardiff: MEU Cymru

BBC B; BBC Master; £25.00

Disk; reference cards; challenger cards and teachers' notes

Mathematics; Geography; Art; Music; Languages; Cross curriculum; Primary education; Secondary education

The pack uses a guided discovery approach in which there is a certain amount of structure, but it also allows for free exploration by more confident users of the Logo language

5.25" 40t

9-13

Logosounds

Hatfield: Advisory Unit

198-
BBC B; BBC B+; BBC Master 128; BBC Master Compact; Econet; £12.00

Disk; booklet

Music; Primary education; Secondary education
0 946039 37 2

Enables user to play tunes and chords; create new sounds; and explore sound patterns such as scales.

7+

Logotext : a language microworld

Blamires, Mike

Ilford: NCET/MESU

1987

BBC B; BBC B+; BBC Master; £3.00

40t; DFS; 1 disk; s/s

Special educational needs; Primary education; Secondary education; Cross curriculum; Information handling

1 extra copy of this pack is held in: "Blue file software. Vol. 1". (BBC B; 40t; Version 1.05). Also contains supporting documentation leaflet. (This version may be obtained from North West SEMERC). Requires Logotron Logo. Enables pages of teletext to be created very simply, using Logotron Logo. The text/graphics can then be displayed in a variety of ways using the normal Logo commands (plus some additional ones). This flexible program can be used to make patterns, puzzles, stories, adventure games, etc. Freely copiable for educational use in the UK.

Logotron BBC Logo

Cambridge: Logotron

1985

BBC B; BBC Master; £49.00 Site Licence; £250.00 (Secondary); £150.00 (Primary) Class Pack; £300.00

Disk or chip; extension disk; manual

Infant school education; Primary education; Secondary education; Sixth form education; Further education; Programming languages; Utilities

A computer language designed to introduce the concepts of problem solving and programming; users can write their own language to make the computer do what they want it to. Stimulates creativity, logical thinking and communication. Full turtle graphics capabilities. Drives both Jessop and Valiant floor turtles.

Class Pack includes 10 ROM chips; 1 LOGO Book and Extension Disk Site Licence suitable for machines with sideways RAM, individually or over a network.

6-18

London adventure

London; Cambridge University Press

1986

British Council Software Series

BBC B; BBC B+; BBC Master; MS DOS; Apple; £55.00 (unprotected)

Disk

Life skills; English; English (second language); Language; Adventure simulation; Computer games; Secondary education; Sixth form education; Further education

An adventure game in which the student has to buy six items, travelling around London by tube and taxi, using appropriate language and making decisions, and reaching Heathrow in time to catch a plane

BBC 40/80t; programs convertible by user for Master Compact. MS/DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1MB memory & IBMulator. Apple II+, IIe, IIc and IIgs, under DOS 3.3. Programs convertible to PRODOS by user

11+

Long and short sight

See: Optics

Longbenton census resource pack

Newcastle Upon Tyne: Northern Micromedia

198-

BBC B; BBC Master; RML 480Z; £12.00

Disks; comprehensive resource material

History; Databases; Statistics; Primary education; Secondary education; Sociology; Cross curriculum

A census database program based upon data for the Longbenton village (now a suburb of Newcastle-upon-Tyne) area for the years 1851-1881

13+

Longman music pack : composing and experimenting with music

ITMA

Harlow: Longman Micro Software

198-

BBC B; BBC B+; BBC Master 128; £32.50

Disk

Music; Primary education; Secondary education; Sixth form education; Further education

Programs varying in difficulty, designed to encourage an investigative approach to music. Contents: Combine (encourages composition: 4 series of up to 25 chords each can be made and played in any combination); Grow (combines short pieces into a longer composition using various transformations); Hilight (investigates melody and harmony structure of tunes); Simplay (stave based editor); Zig (encourages careful listening); Trytune (explores effects of different rhythm and interval movements).

BBC 40t, 5.25" DFS disk

8-18

Longshore variations in sediment

See: Coastal studies : programs for fieldwork

Look alike

Backwell, Bristol: Arrowsoft Educational Software

198-

BBC B; BBC Master; £13.50

Disk

Language; Reading skills; Puzzles; Problem solving; Preschool education; Infant school education; Primary education; Special educational needs; Computer games

5 games based on a variation of the Beetle game in which one shakes a die in order to add parts to a body: Canary, Kitten (the easiest); Penguin (harder); Man, Butterfly (more difficult). Games can be played either against the computer or another person. Optional sound to reinforce learning.

Concept keyboard compatible. Touchscreen version available - please specify if required

3-8

Looking at words 1

Chester: PRISMA Software

198-

Looking at words : Play and read plus

BBC B; BBC Master; £15.00 BBC Master Compact; RM Nimbus; £18.00 IBM PC and compatibles; details from publishers

Disk; documentation (instruction book)

Reading skills; Spelling; Creative writing; Computer games; Special educational needs; Infant school education; Primary education;

Uses the words from New game. 5 main games guide the user to look at different parts of words: beginnings; vowels; endings; double letters; vowel combinations. Helps with spelling, phonics work and any problems of word reversal.

5+

Looking at words 2

Chester: PRISMA Software

198-

Looking at words : Play and read plus

BBC B; BBC Master; £15.00 BBC Master Compact; RM Nimbus; £18.00 IBM PC and compatibles; details from publishers

Disk; documentation (instruction book)

Reading skills; Spelling; Creative writing; Computer games; Special educational needs; Infant school education; Primary education;

Uses the words from New shoes. 5 main games guide the user to look at different parts of words: beginnings; vowels; endings; double letters; vowel combinations. Helps with spelling, phonics work and any problems of word reversal.

5+

Looking at words 3

Chester: PRISMA Software

198-

Looking at words : Play and read plus

BBC B; BBC Master; £15.00 BBC Master Compact; RM Nimbus; £18.00 IBM PC and compatibles; details from publishers

Disk; documentation (instruction book)

Reading skills; Spelling; Creative writing; Computer games; Special educational needs; Infant school education; Primary education;

Uses the words from New friends. 5 main games guide the user to look at different parts of words: beginnings; vowels; endings; double letters; vowel combinations. Helps with spelling, phonics work and any problems of word reversal.

5+

Lorry

See: Basic package

Lost

Hick, Steve

London;

1988

BBC B; BBC B+; BBC Master; £26.95 BBC Econet Level 2/3; £53.90

Disk; worksheets

Language; Life skills; English; English (second language); Primary education; Secondary education; Computer graphics

Linguacraft - Publisher A package of 8 programs providing practice in asking and giving directions. Designed for ease of use by those with a low language level

BBC 40/80; programs convertible by user for Master Compact

11+

Lost frog

Wisbech, Cambridgeshire: esm

198-

Box of adventures

BBC B; BBC B+; BBC Master 128; BBC Master Compact; £19.95

Disk

Adventure simulation; Cross curriculum; Language; Reading skills; Puzzles; Problem solving; Infant school education; Primary education

Develops reading, language, memory and logic skills as children read and follow simple instructions, overcome hazards and solve problems to find the lost frog. Encourages co-operative plotting of adventures, development planning, map designing and instruction writing. Contained in Box of adventures

BBC 5.25" disk; Compact 3.5" disk.

6-10

Lost frog

See: Adventures

LOWRY

See: Kinetic, EBDA, Ligand, LOWRY

LPA flex : version 1

London: LPA (Logic Programming Associates)
Ltd

1198-

Apple Macintosh; £375.00

Disk

Computer programming; Programming languages; Expert systems

A forward-chaining expert system toolkit combining frames, objects and rules in a logic programming environment. Requires LPA MacPROLOG 2.5; inherits all the features from the underlying Prolog system, including access to all Prolog primitives.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration. Requires MacPROLOG 2.5.

LPA MacPROLOG : version 2.5

London: LPA (Logic Programming Associates)
Ltd

1198-

Apple Macintosh; £375.00 (Wizard edition); £450.00 (Colour edition). Multi-user discounts; upgrade prices available.

Disk

Computer programming; Programming languages

Combines artificial intelligence with user-friendly interface and enhanced graphics of the Macintosh. By integrating Prolog with the

Macintosh mouse, menus and icons set in a multi-window management system, LPA offers a rich, sophisticated Prolog programming environment, based on Prolog Syntax and highly compatible with Quintus Prolog. Includes additional I/O and database primitives and a comprehensive set of links to the Macintosh Toolbox.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

LPLC

Byfleet, Weybridge: CADSoft Systems

198-

Apple Macintosh; £535.00 (education discounts available)

Disk

Computer assisted design; Design; Craft, design, technology; Engineering

A program to generate code for programmable logic devices, e.g. PALs and PROMs, which accepts a high-level language text description of user device; outputs a minimised logic file to program a device using any popular PLD programmer. When used in conjunction with DesignWorks, devices can be tested in their complete operating environment before an expensive chip is bought. Can accept circuit description data in truth table format (allows flexibility in input and output formats including use of Boolean or integer arithmetic expressions) etc; and product term format (a low-level method of specifying data intended for PLA-type devices).

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

LTWaves

Murphy, R.

Houghton-on-the-Hill, Leicester: MUSE
(Microcomputer Users in Education)

1985

BBC B; £4.00

Disk

Physics; Sciences; Secondary education; Simulation

A simple demonstration of longitudinal and transverse waves and pulses.

Econet compatible

Lunar run

See: Switch games disk 1

Lymphatic system

See: Biology pack 7

Lytbacks

See: Think it out

L-trap

Leamington Spa: GEM Software

198-

BBC 32k; Acorn Electron (cassette); £8.50 BBC 32K (disk); £11.50

Cassette or disk; documentation

Mathematics; Geometry; Primary education; Secondary education; Sixth form education;

Educational Software LOS - MAC

Further education; Adult education; Computer games

A computer version of Edward de Bono's L-Game, designed to encourage spatial awareness. Extensive options include 4 levels of play against the computer from beginner to expert; 2-player mode with the computer acting as a referee; two levels of play against the computer with a special transformation geometry option.

Please specify whether 40t or 80t disk required.

Mac interiors : basic version

Maidstone: Microspot

198-

Apple Macintosh; £195.00

Disk

Computer assisted design; Design; Craft, design, technology; Engineering; Utilities

A 3D interior design tool with built-in database for listing items used in design. Includes friendly drawing tools for entering building outline or floor plan including doors and windows. Includes library of basic surfaces and shapes (e.g. open boxes, wedges, squares, circles, arches, etc.) which can be used at any size and later grouped as one object to produce new library items. Library also includes pre-defined office, bedroom, bathroom, kitchen and sitting room furniture. Designs can be displayed or designed in plan, elevation and perspective at any angle and any height between floor and ceiling.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Mac interiors : professional version

Maidstone: Microspot

198-

Apple Macintosh; £495.00

Disk

Computer assisted design; Design; Craft, design, technology; Engineering; Utilities

Professional version includes full colour support; and more pattern fills and 3D primitives than Mac Interiors : basic version.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

MacAdam

Ruislip: Desktop Engineering Systems

198-

Apple Macintosh; details from publishers

Disk

Computer assisted design; Design; Craft, design, technology; Engineering

An interactive program for road designing and earthwork calculation, performing and managing dotting; contour line interpolations; road insertions; Cornu spiral intersections; automatic designing of longitudinal and cross sections. Point co-ordinates may be loaded by numerical input, from a Wild electronic diastimeter, or from ASCII text file. Other features include error checking; graphic editor; zoom option; library of cross section shapes; and library of face walls, offlets and fosses.

Requires a Macintosh II with a 40Mb hard disk and 2MB of RAM.

MacApp : version 2.0B5

Edinburgh: Apple Developers Group

198-

Apple Macintosh; £75.00 (£25.00 upgrade from earlier version)

Disk

Computer programming; Programming languages

An object oriented application framework conforming to Macintosh User Interface Standard. Written in MPW Object Pascal and/or object oriented macros in MPW Assembly Language. Consists of 6 basic classes implementing standard features common to most Macintosh applications - e.g. TApplicaton; TDocument, TWindow; TFrame, TView and TCommand. New features include simpler TView structure, view resource, optional 32 bit view co-ordinates, spreadsheet like GridViews, support for TextEdit, and MultiFinder background tasks. Includes sample applications and sources.

Requires 2Mb RAM, MPW Development Environment, MPW Assembler, MPW Pascal and the MacApp 2x manual (interim ADG057D)

Macapple

Edinburgh: CALL (Communication Aids for Language and Learning) Centre

198-

Apple Macintosh; details from publishers

Disk; manual

Special educational needs

public domain software

MacBCPL

Cambridge: Human Computer Interface Ltd.
198-

Apple Macintosh; £149.00

Disk

Computer programming; Programming languages

A full implementation of BCPL, the forerunner of C. Ideal for developing stand alone applications on any Macintosh. Produces efficient 68000 machine code directly. Calls to Macintosh Toolbox are written as normal BCPL procedure calls and are expanded into traps by the compiler. Direct output to the screen makes it an excellent choice for a teaching system. Includes application illustrating use of windows; scrolling and TextEdit, which can form basis for new applications.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Macbeth

Normand, Lawrence (ed.)

Bangor: Akadimias

1988

Tutor series : English Literature - set texts

BBC B; BBC Master 128; Econet levels 2 & 3; Acorn; RM Nimbus PC 186; RM Nimbus AX series; Nimbus network; Amstrad 6128 & PCW; IBM PC compatible; £25.00 (includes site licence for up to 10 terminals)

Disk; study booklet; reading list

English literature; Secondary education; Sixth form education; Further education; A level examinations

A program to test student knowledge with questions in a multiple choice format, in either a random or sequential order, and with various user selectable time-bases against which the test

may be taken. Topics covered include text and performance; the plot; Macbeth and Lady Macbeth; the supernatural; themes and images; language. Facilities for revision; sequential, random test modes; with four time based skill levels in each test mode. Discounts available: details from publisher

BBC 40 or 80t disk (please specify). Acorn DFS & ADFS; RM Nimbus 3.5" disk; Amstrad disk; IBM PC 5.25" or 3.5" disk (please specify).

16+

Macbeth

London: Sussex Publications Ltd; World Microfilms

198-

English revision on microcomputer

BBC B; BBC B+; £18.95 Econet level 2; £29.95

Disk; manual

English; English literature; Secondary education; General Certificate of Secondary Education

A practical revision aid, with introductory material, questions and information which can be used by groups or individuals. Questions pinpoint vital aspects of the play, covering character traits; significant scenes; who said; location; and events. Available in set: English revision on microcomputer

BBC 40t or 80t disk

11+

MacBRAVO CAD/CAM system

Stockport: Schlumberger Technologies

198-

MacBravo

Apple Macintosh; details from publishers (education discounts available)

Disk

Computer assisted design; Design; Craft, design, technology; Engineering

Contained in MacBRAVO design.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

MacBRAVO design

Stockport: Schlumberger Technologies

198-

Apple Macintosh; £2,750.00 (education discounts available)

Disk

Computer assisted design; Design; Craft, design, technology; Engineering

A series of design and modelling software packages, also available singly. Contents: MacBRAVO detailer (a mechanical detail drafting product, working as a stand-alone tool for 2D design and drafting, or in conjunction with Modeler for detailing 3D models); MacBRAVO modeler (a task-optimised 3D tool for mechanical design); MacBRAVO IGES (allows user to translate information from Detailer and Modeler into the International Graphics Exchange Standard); MacBRAVO CAD/CAM system. Available as an integrated set.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

MacBRAVO detailer

Stockport: Schlumberger Technologies

198-

MacBravo

Apple Macintosh; details from publishers (education discounts available)

Disk

Computer assisted design; Design; Craft, design, technology; Engineering

Contained in MacBRAVO design. A mechanical detail drafting product, working as a stand-alone tool for 2D design and drafting, or in conjunction with MacBRAVO Modeler for detailing 3D models.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

MacBRAVO IGES system

Stockport: Schlumberger Technologies

198-

MacBravo

Apple Macintosh; details from publishers (education discounts available)

Disk

Computer assisted design; Design; Craft, design, technology; Engineering

Contained in MacBRAVO design. Allows user to translate information from MacBRAVO Detailer and MacBRAVO Modeler into the International Graphic Exchange Standard.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

MacBRAVO Modeler

Stockport: Schlumberger Technologies

198-

MacBravo

Apple Macintosh; details from publishers (education discounts available)

Disk

Computer assisted design; Design; Craft, design, technology; Engineering

Contained in MacBRAVO design. A task-optimised 3D tool for mechanical design, the foundation of the MacBRAVO CAD/CAM system. Allows engineers and mechanical designers to perform the most common operations.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

MacCadd : version 4

London: Logica Cambridge Ltd.

198-

Apple Macintosh; £200.00 (Site licences available)

Disk

Computer assisted design; Design; Craft, design, technology; Engineering; Utilities

An intelligent CASE tool for software design; can be customised to enforce rules of particular diagram types. Supports wide range of current design methods, e.g. Yourdon and SSADM. A number of pre-defined diagram variants are provided, including dataflow diagrams; finite state machines; structure diagrams and Yourdon RTS diagrams.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

MacCadd : version 5

London: Logica Cambridge Ltd.

198-

Apple Macintosh; £350.00 (Site licences available)

Disk

Computer assisted design; Design; Craft, design, technology; Engineering; Utilities

As version 4, can be customised to enforce rules of particular diagram types. Supports wide range of current design methods, e.g. Yourdon and SSADM. A number of pre-defined diagram variants are provided, including dataflow diagrams; finite state machines; structure diagrams and Yourdon RTS diagrams. Also supports cut-and-paste to other Macintosh applications.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

MacContour : version 3.0

Bridge of Weir: Survey Software

198-

Apple Macintosh; £240.00

Disk

Geography

A contour mapping program designed to plot isograms, or lines on a map or chart along which there is a constant value. Uses include topographic mapping (equal elevations); isohyets (rainfall); isobars (pressure), etc. Provides 2 data file generation programs: MacGrid for regularly spaced data; and MacRandom for randomly distributed data. Data files created in MacSurvey may also be entered into MacContour.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

MacDFT

Uxbridge: Apple Computers (UK) Ltd

198-

Apple Macintosh; £138.75

Disk

Communication

A full-function 3270 terminal emulation program enabling Macintosh II computers to communicate with IBM mainframes. Provides both Control Unit Terminal and Distributed Function Terminal emulation of IBM 3270 Information Display Systems. Allows single-session CUT emulation or up to 5-session DFT 3270 emulation. Supports file transfer to/from mainframes on VM/CMS or MVS/TSO using IBM INDSFILE package; supports text; binary and MacBinary file transfers. Copy and paste functions between Macintosh and mainframe applications possible through Clipboard.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

MacDraft 1.2b

Haslingden: Principal Distribution Ltd.

198-

Apple Macintosh; £195.00

Disk

Computer assisted design; Design; Craft, design, technology; Engineering; Utilities

An object-oriented design and drafting program,

powerful enough to create scaled architectural, engineering and construction drawings and schematic diagrams. Can also be used for general business illustrations and desktop publishing needs. Features include ability to rotate objects on one-degree increments; zoom in and out; custom fill patterns; detach area and dimension text values from objects; scale conversions between feet, inches and metric. MacDraft documents may be saved in PICT format.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

MacDraw 2 1.1

Basingstoke: Frontline Distribution Ltd.

198-

Apple Macintosh; £162.50

Disk

Art; Design; Craft, design, technology; Computer assisted design

Features include colour support; automatic CYMK colour separations; ability to customise up to 16,000 different monochrome or colour patterns; layering capability; zoom facility; drawing area up to 32 times or down to 3 per cent of its size; drawing accuracy up to 2,000 dpi; ability to rotate objects and text; libraries of named objects; customisable pen widths, dashed lines and patterns; slide manager; spelling checker; millimetre, pica and point scales on rulers and PICT2 support for colour export.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Macemil

Trott, Michael; Pedley, Chris; Chandler, Keith Studley, Warwickshire: LTS (Learning and Training Systems)

1988

RM Nimbus network; BBC Econet (SJ & Acorn); RML CHAIN and Shared disk; MACE Network; £45.95 BBC (40/80t); 380Z; 480Z; £45.95 (cabling extra)

Network version; 1 disk; 1 documentation manual; 1 update sheet

Business education; Computer studies; Information handling; Secondary education; Sixth form education; Further education

Designed to give pupils hands-on experience of using electronic mail, including features such as send, read, express, reply, store, retrieve, named or all users, chart, print etc.

For stand alone versions please specify format required. Network versions supplied on 80t DFS disks with network transfer instructions.

11-18+

MacGamut

London: Eurospan Group; Mayfield Publishing

198-

Apple Macintosh; £15.95

3 disks

Music

An aural training music program, providing unlimited practice in notating and identifying intervals, scales and chords. Facility for tutor to customise 3 individual student program disks, by setting, e.g., the number of times an example is played; the number of examples students must answer correctly to achieve mastery; minimal use of double sharps and flats; record of student work. Programs offer constructive feedback.

Works on current Macintosh systems with at

least 1Mb RAM; please check required configuration.

MacGap

Glasgow: Mike Harland

198-

Apple Macintosh; £14.00

Disk

Modern languages; Primary education; Secondary education; Further education; Adult education

A gap-filling shell program for most European languages. Based on Apple's Hypercard software. Allows teacher to enter scrolling texts 32k; select gaps; add up to 3 alternatives plus comments for each gap. Student response is checked for correct selection or parsed for miss letters and accents.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration

7+

Machine

See: Junior suite

Machine code companion

Llandudno: Micro Help

198-

Micro Help companions (on-screen help)

BBC B; BBC B+; BBC Master; £19.95 (ROM) BBC B; BBC B+; BBC Master; £8.95 (ROM image on disk) BBC B; BBC B+; BBC Master; £9.95

ROM or disk

Programming languages; Computer programming; Utilities

Provides on-screen help with a selection of 15 helpscreens appropriate for programming, utilizing the BBC computer's ability to use up to 240k of sideways ROM in addition to the running language, making it accessible at the same time. Customising service available (£24.95). Available in set of four; or any two ROMs £29.95; any three ROMs £39.95. Discounts offered on quantity orders

ROM or ROM image on disk for loading into Sideways RAM

Machinery is missing

Blamires, Mike

Oldham: NCET/MESU, North West SEMERC

198-

Blue file

BBC B; £3.50

40; 1 disk; 1 documentation booklet; 3 A4 concept keyboard overlays; 3 A3 concept keyboard overlays

Control technology; Art; Design; Craft, design, technology; Special educational needs; Primary education

Allows natural language control of models and machines built from construction kits or scratch materials. Pupils may control pre-build models from a concept keyboard or may construct models and allocate commands from a library of natural language commands (e.g. lift it up, grab, hold, go forward). The procedures are written in Logo so that new commands can be created. Freely copiable for educational use in the UK.

MacHydro

Newport: Island Marine Technology

198-

Apple Macintosh; £247.00

Disk

Computer assisted design; Design; Craft, design, technology; Engineering; Utilities

Contained in MacSurf. Provides for large angle stability in marine design work.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Macintosh Pascal 2.1

Maidenhead: Symantec (UK) Ltd.

198-

Apple Macintosh; £60.00

Disk

Computer programming; Programming languages

The original Macintosh Pascal, one of the most user friendly versions for teaching purposes. Programs limited to 2,000 lines of code. Particularly suitable when rapid feedback is required. Features include ability to observe and make changes to variables, expressions and graphics through access to up to 6 windows as the program runs. "Pretty printing" feature indents statements where relevant and highlights keywords.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Macintosh programmer's workshop : version 3.0

Edinburgh: Apple Developers Group

198-

Apple Macintosh; £125.00

Disk

Computer programming; Programming languages

A software development environment, based on a multi-window text editor and the PMW Shell, a command language similar in syntax to the Unix shell languages. Unix-like features supported by the Shell include input and output re-direction; ability to pipe the output of one command to the input of another command; shell variables; control constructs; editing oriented commands. Provides over 100 tools and scripts for efficient application creation. Includes Projector, an easy-to-use collection of built in commands and windows helping programmers control and account for changes to all files associated with a software project.

Requires at least 2Mb of RAM; hard disk drive; System 6.0, Finder 6.1 or later.

MacLink plus

London: Go-Mark Ltd.

198-

Apple Macintosh; £179.00

Disk

Communication

A Macintosh to IBM PC file transfer and document format translator. Transfers accomplished via serial cables, modem or over TOPS network. Includes extensive library of file translators, e.g. WordPerfect, Wordstar, Multimate, MacWrite or Word. Supports wide range of graphics formats; file transfer between applications with built-in file compatibility.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

MacMainFrame DX

Exeter: Maxima Communications plc

198-

Apple Macintosh; £895.00

Disk

Communication

Enables transfer of Macintosh documents, binary and text files to and from IBM host system. Provides full IBM 3278-2 terminal emulation and host file transfer. Designed to work with Avatar's Host File Transfer software; compatible with IBM's CICS, TSO and CMS operating systems. Allows Lotus 1-2-3 WKS files, IBM Document Content Architecture files and Microsoft SYLK files to be shared by both Macintosh and PC users.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

MacMainFrame SE

Exeter: Maxima Communications plc

198-

Apple Macintosh; £695.00

Disk; card

Communication

Provides the Macintosh SE with IBM 3278-2 terminal emulation; includes file transfer capabilities to and from the IBM host.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

MacMainFrame SE/30

Exeter: Maxima Communications plc

198-

Apple Macintosh; £895.00

Disk; card

Communication

Provides the Macintosh SE/30 with IBM 3278-2 terminal emulation; includes file transfer capabilities to and from the IBM host.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

MacMainFrame 2

Exeter: Maxima Communications plc

198-

Apple Macintosh; £895.00

Disk; card

Communication

A Macintosh II card and software package allowing Macintosh documents, binary and text files to be transferred to an IBM host system running Avatar's Host File Transfer software; provides full IBM 3278-2 terminal emulation for Macintosh. Both MacMainFrame and HFT are compatible with IBM CICS, TSO and CMS operating environments.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

MacMaps

Orpington: Michael Bing Printing

198-

Apple Macintosh; £44.95

Disk

Geography; Primary education; Secondary education

A disk of bit-mapped MacPaint-compatible maps, which may be customised. A series of outline maps of UK coasts; Europe and North America.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

7+

MacMeth : version 2.51

Wirth, Niklaus

Croydon: Real Time Associates Ltd.

198-

Apple Macintosh; £175.00 (£1,250.00 unlimited use site licence)

Disk

Computer programming; Programming languages

A Modula 2 development system, providing support for both 16-bit and 32-bit arithmetic and including a Sara Editor, Single Pass Compiler, Executor, Fully Symbolic Post Mortem Debugger, Application Linker and decoder. Includes handy toolbox; generates native 68000 or 68020 68881 code.

Requires only 51.2k; small programs do not require external floppy disk. For serious program development, external drive or hard disk are recommended.

MacNIX

Exeter: Maxima Communications plc

198-

Apple Macintosh; £495.00 - £8,856.00

Disk

Communication; Utilities

Provides the Unix operating system with a Macintosh interface, allowing users to share information easily between the two environments. Permits existing multi-user Unix databases and application to be run from a full, built-in VT100 emulator; copy paste operations to be applied to terminal windows; multiple windows moved or resized. Menus may be customised to include frequent user operations.

Uses standard serial terminal connection between the Macintosh and the Unix host, with support for remote access by modem

MacNOW

Exeter: Maxima Communications plc

198-

Apple Macintosh; £2,950.00 (host software); £175.00 (Macintosh software)

Disk

Communication

A Macintosh based software workstation for the Digital ALL-IN-1 user, providing Macintosh software tools for the following functions: electronic mail; nicknames; distribution lists; forwarding; receipts; text processing; file cabinet management; user scripts and file transfer. The terminal emulator allows user to access ALL-IN-1 functions directly, even if it has been customised. Provides support for Ethernet connectivity with Kinetics FastPath, AlisaTalk or Touch Communications OSI.

Works on current Macintosh systems with at

least 1Mb RAM; please check required configuration.

MacPaint 2.0

Basingstoke: Frontline Distribution Ltd.
198-

Apple Macintosh; £47.50

Disk

Art; Design; Craft, design, technology; Computer assisted design; Computer graphics

A free-form drawing and graphics editing program, with facilities to open up to 9 documents simultaneously; tear-off tool and pattern palettes; automatic scrolling; snapshot feature; four levels of zooming with full editing capabilities; wide range of graphics tools and objects, including editable painting and filling patterns.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

MacPalette : image writer 2 version

Maidstone: Microspot

198-

Apple Macintosh; £49.00

Disk

Computer assisted design; Design; Craft, design, technology; Art; Utilities

Enables printing of multi-coloured pictures and text from existing software with Image Writer 2 printer. Most object-oriented drawing packages, e.g. MacDraft, MacDraw, MiniCard, Excel and MacProject work with MacPalette. Also works with word processors - e.g. MacWrite - allowing different type styles to be printed in different colours. Appletalk version provides shared access to colour output.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

MacPalette : image writer LQ version

Maidstone: Microspot

1198-

Apple Macintosh; £99.00

Disk

Computer assisted design; Design; Craft, design, technology; Art; Utilities

Enables printing of multi-coloured pictures and text from existing software with Image Writer LQ printer. Most object-oriented drawing packages, e.g. MacDraft, MacDraw, MiniCard, Excel and MacProject work with MacPalette. Also works with word processors - e.g. MacWrite - allowing different type styles to be printed in different colours. Appletalk version provides shared access to colour output.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

MacPlot : version 3

Maidstone: Microspot

1198-

Apple Macintosh; from £129.00

Disk

Computer assisted design; Design; Craft, design, technology; Engineering; Utilities

A device driver installable in the Macintosh

System Folder, selected through the Chooser, enabling output to be plotted directly from within any object-oriented drawing application. Features include provision of special text font for improving sizing and positioning; ability to change fill patterns to hatching patterns. Supports many plotters, e.g. Calcomp, Gould, Graphtec, Hewlett-Packard, Houston, Numonics and Roland. The MacPlot standard version supports range of A3 and A4 plotters; MacPlot professional version supports wide range of A0, A1, A2, A3 and A4 plotters.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

MacProject 2 2.0

Basingstoke: Frontline Distribution Ltd.

198-

Apple Macintosh; £197.00

Disk

Business education

A powerful tool for critical path management of a project; will handle 16 attributes per task; unlimited resources per project. Other features include automatic resource levelling; unlimited resources calendars; cross project resource analysis; multiple chart capability (up to 8 charts at once); data import or export in comma-separated, tab-delimited, SYLK and DIF formats; 100,000 word spelling checker which may be used with other Claris products.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

MacRecorder : version 2.0

London: Go-Mark Ltd.

198-

Apple Macintosh; £165.00

Disk

Music

A powerful upgrade to the MacRecorder hardware and software combination, recording, editing and playing live or pre-recorded sounds on the Macintosh. Offers full interactive multimedia support through the HyperSound Toolkit, allowing users to build their own HyperCard sound stacks recording and laying sampled and compressed sounds from any existing HyperCard stack. Includes new versions of HyperSound tape recorder and sound/edit and sophisticated sound analysis tools.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

MacRepertory

Northampton: Homeopathic Bicycle Company

198-

Apple Macintosh; £950.00

Disk

Sciences; Biology; Databases

A database of symptoms and remedies for use in homeopathic medicine. Includes classic reference sources of homeopathy; 40 different analysis strategies; synonyms search facilities; relationship of remedies; two sets of keynotes; the Synthetic Repertory; Vithoulkas additions; Hering; Eizayaga's algorithms; Allen's Keynotes and an expert system.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Macro library and toolkit for LOTUS 1-2-3 users

Nugus, Sue

Barnet: Glentop Press Ltd

198-

IBM PC and compatibles; £22.50

Disk; Book

Computer studies; Spreadsheets; Databases; Secondary education; Further education; Adult education

1851811753

Enables user to develop sophisticated systems quickly and easily. Macro Utility Library routines automate various aspects of spreadsheet development. Demonstrates how to build a vertical input form. Toolkit is a series of macro menu options, which may be combined to develop a customised menu system. Assumes sound knowledge of spreadsheet use. Disk available separately, £9.95; book available separately, £14.95

16+

Macroeconomic database

Lumsden, Keith; Scott, Alex; The Esmee Fairbairn Research Centre

Harlow: Longman Micro Software

1984

BBC B; BBC B+; BBC Master 128; £60.00

2 disks; 1 documentation booklet

Economics; Sociology; Databases; Secondary education; Further education; Sixth form education; Content free programs; Statistics; Data processing

0582262925

Database holds national income and related data of 25 countries for the years 1959 - 1983. Data can be updated using the Data manager program and calculations can be carried out and hypotheses tested using statistical programs

BBC 40t, 5.25" DFS disk

15-19

Macroeconomic trends

Hurd, Stephen; Watson, Deryn

Harlow: Longman Micro Software

1987

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; £19.50

40t; 1 disk; 1 documentation booklet; students' leaflets

Economics; Secondary education; Further education; Sixth form education; A level examinations; Databases; Information handling

0582024684

Contains data for past 30 years from CSO's "Economic Trends". Aims to encourage data interpretation - allows two series of data to be displayed at once; lagged, converted to indices, displayed in line/scatter graphs and best-fit correlation co-efficients to be obtained

BBC 40t, 5.25" DFS disk

16-19

Macroeconomics pack

Harlow: Longman Micro Software

198-

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; Acorn

Archimedes; £25.00 RM Nimbus/Network; £35.00

Disk

Economics; Secondary education; Sixth form education; Further education; Computer games

Contents: Circular flow of income (an electronic blackboard exercise introducing the circular flow of income); Growth under fixed exchange rates (a game to help pupils understand the implications of fixed exchange rates for domestic economic policy).

BBC 40t, 5.25" DFS disk; Archimedes compatible 3.5" disk; Nimbus/Network 3.5" disk 16-18

MacroMind director

London: Copmuters Unlimited

198-

Apple Macintosh; £595.00 (£225.00 upgrade from VideoWorks II)

Disk

Computer graphics; Desktop publishing; Art; Design

A powerful multi-media processing tool derived from VideoWorks and VideoWorks II, allowing user to combine and manipulate text, graphics, animation and video; synchronise these with music and sound effects to produce dynamic presentations and video productions; construct product prototypes, simulate complex concepts and processors. Compatible with video and sound digitisers, colour and black and white scanners, 35mm slide scanners, NTSC output and genlocking cards, colour printers, videotape recorders, colour slidemakers, all standard Macintosh storage devices, projectors or large screen monitors.

Requires 1Mb RAM to operate in black and white; 2Mb for colour.

MacSchool

Kidderminster: Celtip Computers

198-

Apple Macintosh; £1,600.00 (single user); £1,900.00 (multi user)

Disk

Schools; Accounting; Library administration; Schools; Recordkeeping; Schools; Educational administration; Schools; Examinations; Schools; Organisation

An integrated school administration system, including library; scheduling; immunisation; marks; scanning; ASCII transfer; report cards; advance booking and transcripts; query; LEA; fund accounting. Includes various levels of password protection; will operate as multi-user over LocalTalk with Tops and AppleShare. Package of certain modules available; details from publishers.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

MacServe

Haslingden: Principal Distribution Ltd.

198-

Apple Macintosh; £219.00 per server

Disk

Communication; Utilities

Provides disk server utility on any Macintosh with a hard disk that is part of a LocalTalk network. Once installed in server mode, machine on which it is running is able to operate as a workstation with access to normal disk space, and access to any MacServe volumes on that

server and to MacServe volumes on other servers on the network. Volumes may be set up by the Server Manager as public, shared or private; users cannot create their own volumes. Client Macintosh systems access the server via the MacServe desk accessory, which also provides a link to printing resources.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

MacSpin

Middlesbrough: Applied Technology Marketing

198-

Apple Macintosh; £285.00

Disk

Statistics; Information handling

Provides a dynamic display of 3D data; shows 3-variable scatter plots of data rotating in real time and under user control, creating an immediate impression of the true 3D structure. Immediately shows associations between variable, linear and nonlinear relationships, clustering and multivariate outliers.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

MacSS

Stevenage: Statsoft UK

198-

Apple Macintosh Plus; SE; £175.00 Apple Macintosh II; £245.00

Disk

Statistics; Databases; Information handling; Spreadsheets; Computer graphics

A comprehensive high-performance statistical package with statistical database management functions and graphics. Facilities include a selection of analyses; double precision calculations; processing of data files of unlimited size; high-speed operation. Data can be entered either via the integrated spreadsheet data editor, or imported from almost all other programs.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

MacSurf

Newport: Island Marine Technology

198-

Apple Macintosh; £1,500.00

Disk

Computer assisted design; Design; Craft, design, technology; Engineering; Utilities

A 3D surface modelling system for use in marine design, using up to 16 independent surfaces to allow designers to create complex shapes with great accuracy. Range of design modules (available separately) includes MacHydro (for large angle stability); MacRate (for automatic IOR rating); Prefit (for input of existing designs); FullPlot (for multi-sheet output of designs at up to full size); HydroLink (offset file link to third party software, including a variety of Hydrostatistics programs).

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

MacSurf S

Newport: Island Marine Technology

198-

Apple Macintosh; £695.00

Disk

Computer assisted design; Design; Craft, design, technology; Engineering; Utilities

A single surface version of MacSurf.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

MacSurface modelling : version 3.0

Bridge of Weir: Survey Software

198-

Apple Macintosh; £300.00

Disk

Computer assisted design; Design; Craft, design, technology; Engineering; Geography; Archaeology; Utilities; Further education; Adult education

An extension of the MacContour program, giving a 3D visualisation of the digital database created by field data on a regular grid or from randomly-spaced points. Displays 3D surface a terrain model on screen, with options to pan, zoom and rotate. Supports full colour display of line diagrams and models. Includes MacContour.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

16+

MacSurvey : version 2.0

Bridge of Weir: Survey Software

198-

Apple Macintosh; £240.00

Disk

Computer assisted design; Design; Craft, design, technology; Engineering; Utilities

A suite of integrated programs, performing the functions of theodolite and traverse surveying; calculation of areas and volumes; creation of mass-haul diagrams; curve ranging; observational error analysis and adjustment. Outputs to Apple ImageWriter printer or a Hewlett-Packard A3 plotter or other HPGL-compatible plotter. Includes several data logging routines.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

MacTell : Teletel communication software for accessing French videotex services

Maor, Gil; Yival, Yonadav; Bastos, Roberto; et al.

London: Aldoda International Ltd

1989

Macintosh; £195.00

Disk; 1 user guide; 1 keystrip; 4 leaflets

Viewdata; French; Communication; Computer graphics

Enables user to connect micro and a modem to Teletel (also called Minitel), the national videotext system in France. Includes a full graphics display and accented characters.

400k disk. Requires Minitel subscription (100 units £30.00) and a Packet Switching account (Mercury Communications).

IMacTerminal 2.3

Uxbridge: Apple Computers (UK) Ltd

198-

Apple Macintosh; £50.00

Disk

Communication; Utilities

A multi-function terminal emulator which allows a Macintosh to emulate a Digital VT100 or TTY terminal; provides file transfer support for XModem and MacBinary file formats; provides high level of support for Apple's own Hayes-compatible modem; can also operate with other UK modems.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

IMACTRAN plus

Cambridge: Human Computer Interface Ltd.

198-

Apple Macintosh; £249.00

Disk

Computer programming; Programming languages

An integrated FORTRAN development system. Compiler is based on full ANSI 77 standard, with extensions taking full advantage of the Macintosh interface. Combines a fast, efficient compiler with a fully integrated text editor, optional linker, and symbolic debugger. Also includes Vax extensions and extensions from the ANSI FORTRAN 8X standard and compiler time option for FORTRAN 66 programs. Generates optimised native code, with option of direct 68881 coprocessor support to give speed improvements of up to 1000% on the Macintosh. Allows double-clickable, stand-alone applications to be created easily.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

MacVolumes

Bridge of Weir: Survey Software

198-

Apple Macintosh; £350.00

Disk

Computer assisted design; Design; Craft, design, technology; Engineering; Geography; Archaeology; Utilities; Further education; Adult education

Adds volumetric analysis routines to the capabilities of MacSurface Modelling.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

16+

MacWorkStation

Uxbridge: Apple Computers (UK) Ltd

198-

Apple Macintosh; details from publishers

Disk

Computer programming; Programming languages; Utilities

A collection of high-level Toolbox routines, allowing host programs running on any supported communications protocol to utilise the standard user-interface, file management and printing features of the Macintosh. Gives full access to and control over windows, pull-down menus, dialogue boxes and other features

of the Macintosh interface, without the need to know the detailed traditional Macintosh programming environment. Provides high-level access to Macintosh Toolbox, and a framework for cooperative Macintosh-to-host applications. Particularly suitable for systems integrators wanting to enhance their existing host-based applications.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

MacX

Uxbridge: Apple Computers (UK) Ltd

198-

Apple Macintosh; £161.25

Disk

Communication; Utilities

An X Window display server running under the Macintosh operating system, allowing user to enjoy inherent portability of the X Window system in conjunction with the Macintosh interface. Features include support for several networking protocols such as TCP/IP; AppleTalk and third party DECnet implementations; support for multiple monitors; built-in window manager; menu command allowing users to start a host application

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration

Mac220

Exeter: Maxima Communications plc

198-

Apple Macintosh; £125.00

Disk

Communication

Allows the Macintosh to emulate Digital VT200 text terminals while retaining Macintosh functions and ease of use.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Mac240

Exeter: Maxima Communications plc

198-

Apple Macintosh; £195.00

Disk

Communication

Allows the Macintosh to emulate Digital VT200 text and graphics terminals while retaining Macintosh functions and ease of use. Provides complete Regis and Sixel graphics implementations. Supports VT52; VT100; VT124; and VT220 as well as the Tektronix 4010/4014 graphics terminals.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Mac241

Exeter: Maxima Communications plc

198-

Apple Macintosh; £245.00

Disk

Communication

Allows the Macintosh to emulate Digital VT200 text and graphics terminals while retaining Macintosh functions and ease of use. Provides

complete Regis and Sixel graphics implementations and also supports colour displays. Supports VT52; VT100; VT124; and VT220 as well as the Tektronix 4010/4014 graphics terminals.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Maddingly Hall

Exeter: Minerva Software

198-

Games

Acorn Archimedes; £14.95

Disk

Computer games; Puzzles; Problem solving; Primary education; Secondary education

Bertie Hall is running short of cash and decides to visit rich Aunt Agatha - murder, mystery or intrigue?

RISC OS compatible

5+

Magic clock

Doncaster: RESOURCE

198-

BBC B; BBC Master 128; BBC Master Compact; £18.50

2 disks; 2 books; documentation; teacher notes; worksheets

Cross curriculum; Creative writing; Puzzles; Problem solving; Primary education; Adventure simulation

An adventure in which a magic clock takes the pupil back in time to Cowboy land where the clock is stolen: the player has to journey through adventure land, meeting characters, overcoming problems and finding the clock. LEA/Regional licences and bulk purchase discount available

BBC B/Master 5.25" 40t DFS; Master 128 5.25" ADFS; Compact 3.5" ADFS. 80t DFS available - £1.50 surcharge per disk

7-13

Magic E

Sherston Software

Sherston: Sherston Software

1984

Phonics

BBC B; BBC B+; BBC Master 128; BBC Master Compact; (single pack) £11.00 BBC B; BBC B+; BBC Master 128; BBC Master Compact; (small lab pack) £22.00 BBC B; BBC B+; BBC Master 128; BBC Master Compact; (large lab pack) £33.00

Single pack: 1 disk; 1 teacher's book Small lab pack: 1 copy of full pack plus 5 extra copies of disk Large lab pack: 2 copies of full pack plus 10 extra copies of disk

English; Language; Reading skills; Infant school education; Primary education; Computer graphics; Special educational needs

Includes large colourful lettering, graphics, optional sound effects; electronic blackboards for use with groups; diagnostic testing, records section, etc. Teacher controls allow program to be tailored to individual pupil's needs.

BBC 40t 5.25" DFS; BBC 80t 5.25" DFS; BBC Compact 3.5" ADFS disk. 3.5" DFS and 5.25" ADFS disks also available

6-9

Magic mushrooms

See: Acornsoft hits 1

Magic painting

See: Touch games 2

Magic tales

Shaw, Barry

Leamington Spa: SPA (Software Production Associates)

1987

RM Nimbus; £17.00 RM Nimbus Network; £39.00

1 disk; 1 documentation booklet; Teacher's notes

Language; Computer graphics; English; Infant school education; Primary education; Adventure simulation; Computer graphics

Provides children with visually stimulating material as a source of ideas for their story work. Seven story topics are included, each presenting a short graphics sequence which may involve paired, group or class discussion

4-11

Magic telephone : part 1

See: MAPE tape 4 (on disk; BBC version)

MagicSpell

London: ILECC (Inner London Educational Computing Centre)

198-

RML 380Z; RML 480Z; RML network; £12.00

1 disk; 1 handbook

Language; English; Spelling; Further education; Cross curriculum

This program searches through documents checking spellings against dictionaries stored on disk

11-18+

Magma 1

Dolgellau: Science Education Software

198-

BBC B; BBC Master 128; Econet; £14.95 + VAT RM Nimbus; Acorn Archimedes; £15.95 + VAT RM Nimbus Network; £30.95 + VAT

Disk

Geography; Secondary education; Computer graphics

Program examines the atomic lattice structure and chemical composition of common silicate minerals.

BBC 40t, 5.25" disk; BBC 80t, 5.25" disk; RM Nimbus, Acorn Archimedes, 3.5" disk

14-18

Magma 2

Dolgellau: Science Education Software

198-

BBC B; BBC Master 128; Econet; £14.95 + VAT RM Nimbus; Acorn Archimedes; £15.95 + VAT RM Nimbus Network; £30.95 + VAT

Disk

Geography; Secondary education; Computer graphics

Program examines the sequence of crystallisation of the rock forming silicates, and the mineralogy of common igneous rocks.

BBC 40t, 5.25" disk; BBC 80t, 5.25" disk; RM Nimbus, Acorn Archimedes, 3.5" disk

14-18

Magnify

See: Computer awareness

Magnus connection

London: BP Educational Service

198-

BBC B; BBC B+; BBC Master; RML 480Z network; £68.40

1 disk; video cassette; card readers; identity badges; teachers' guide; 11 information sheets; 2 full-colour wallcharts; information handbook on PMS

Computer studies; Industry; Economics; Business education Careers; Secondary education; Further education; Information handling; Simulation

0861651081

BP's Personal Movement System (PMS) is the basis of this resource pack which gives instant and comprehensive information on the location of all its personnel at any moment. The pack centres on a specially designed card reader with a set of identity badges. The simulation requires two microcomputers interconnected by a cable or via a network. The video cassette contains: Under the North Sea (30 minutes); The PMS system (12 minutes).

The simulation requires two microcomputers interconnected by a cable- provided with the pack- or via a network. BBC disks are 40 or 80 track.

14+

Magpie

Coles, Peter

Cambridge: Longman/Logotron

1991

Acorn Archimedes; A3000; £54.00 (stand alone); £175.00 (Primary site licence); £300.00 (Secondary site licence)

Desktop publishing; Cross curriculum; Primary education; Secondary education

A powerful desktop publishing package, Magpie supports the Archimedes Outline Font Manager and can be used to create flexible and exciting page layouts for pamphlets and school magazines. Music, text, sprites, draw and digitised sound files can be incorporated in a Magpie application, making it suitable for class projects and on-screen presentations. Young children as well as teachers can create presentations using this program. Magpie can be used alongside other programs.

RISC OS compatible

6-16

Mail order

London: ITV Schools

198-

BBC B; BBC B+; BBC Master 128; £21.00

Disk

Business education; Primary education; Secondary education; Information handling; Computer graphics

Datafile for use with Key. A software and print

package designed to enable children to create and control their own mail order catalogue. Datafile holds a large wholesale catalogue, including graphics.

BBC, 5.25" DFS

9-13

Mailbox

ITEM (Information Technology Educational Materials)

London: ITEM

1986

RM Nimbus network; 50.00

1 disk; 1 guide

Communication; Information handling; Primary education; Secondary education; Sixth form education; Further education

0708599370

An electronic mail package, menu driven, with its own editor which may be used to write 'not' either to individual users or 'mailing lists for everyone on the system. Includes recorded delivery facility. Also a facility allows files of a sort - text, pictures, spreadsheets, etc. to be sent as 'documents'

RM Nimbus PC - 186, AX and VX stations used in Nimbus mode.

5-16+

Mailshot

Exeter: Minerva Software

198-

System Delta Utilities

BBC B; BBC B+; Master 128; Master Compact; £19.95 Acorn Archimedes; £39.95

Disk

Utilities; Information handling; Primary education; Secondary education; Sixth form education; Further education; Schools; Recordkeeping; Educational administration

For use with all System Delta files/application to produces mail-merged personalised letters with View, Wordwise+, Inter-Word and any ASCII based word processor. Also produces labels

RISC OS Compatible. Requires the use of System Delta commands which are supplied with System Deltaplus

12-16+

Mainland Britain

Fawcett, Jim

Stocksbridge, Sheffield: TECS (Teachers Experience-based Classroom Software)

1984

BBC; A3000; £13.80

Disk; teachers' guide; reference book; thoroughly researched Towns Guide (46 towns)

Cross curriculum; Geography; Reading skills; Mathematics; Life skills; Simulation; Adult education; Puzzles; Problem solving

A package designed to develop basic literacy, numeracy and access skills. The main program simulates a treasure hunt around the British mainland, and involves reference skills, the use of money, record keeping, reading a mileage chart and decision making as clues are solved, with scope for role play and co-operation. The other programs allow the user to practise finding out and estimating distances; working out fuel consumption, and a word-search for the towns involved in the journey. Reduced price for CAGE members

40t disk
118+

Makaton match

Worth School
Crawley: W.E. Soft
11988
BBC B; BBC B+; BBC Master 128; £18.00

Disk; overlays; documentation

Language; Preschool education; Infant education; Primary education; Special educational needs

Easy to use software introducing the Makaton vocabulary in stages 1 and 2. Requires user to match either pictures/words on screen with pictures on overlays, at 4 levels of difficulty. Includes demonstration overlays for Stage 1 and instructions to allow teachers to produce their own overlays

Please specify whether 40t or 80t required. Please specify whether A3 or A4 overlays are required. Uses concept keyboard

44+

Make a circus

See: Circus

Make a million

Chepstow: AVP Computing
1198-

BBC B; BBC B+; BBC Master 128; £24.50 RM Nimbus; £24.50 RM Nimbus network; (up to 116 machines) £45.00; (up to 48 machines) £65.00 Econet; £58.50

Disk; worksheets

Business education; Cross curriculum; Geography; Environmental education; Physics; Chemistry; Mathematics; Secondary education; Computer games; Computer graphics

A game for use in conjunction with classroom based studies which involves the industrial production of a variety of substances and electricity from raw materials covering processes of blasting, electrolysis, fractionating, generating electricity, making/adding acid.

Only specify 80t if you cannot use 40t disks.

13-16

Make a sentence

See: Words and sentences 1, 2 and 3.

3+

Make a wildlife garden

Howarth, Mike; Freeman, Diana; Neale, Susan
London: BBC Enterprises / Longman-Logotron
19989

BBC B; BBC B+; BBC Master 128; BBC Master Compact; £22.00

1 disk; documentation (1 booklet)

Ecology; Sciences; Biology; Environmental education; Primary education; Simulation; Design

05563228946 (BBC B; BBC B+; BBC Master 128); 0563229306 (BBC Master Compact)

The program provides a framework for designing a wildlife garden in which children arrange habitats on a scene depicting a corner of the school grounds. They can explore how

the garden grows under different weather conditions, and what wildlife it would support. Designs and reports can be printed out

Supplied on 40t disk; converter program supplied for 80t drive

7-9

Make a word

See: Games with words : pack 1

Make and solve crossword puzzles

From: Great Elm Services
198-

BBC; Acorn Electron; £14.25

Disk

Language; Spelling; Puzzles; Problem solving; Special educational needs; Computer games

Allows crosswords of any size from 3 to 15 square to be constructed and clues entered, for later recall and solving. Includes lexicon of 16,000 words. Puzzles smaller than 10 square can be displayed at double standard size for those with poor sight and for classroom use. Partly completed puzzles can be saved. Records players' names and the puzzles they have done. Puzzles can be printed out at any stage

5.25" 40t or 80t disk. Requires only single finger operation on BBC computers; with Electron computers some two-finger operation is necessary while setting puzzles

7+

Make and solve crossnumber puzzles

From: Great Elm Services
198-

BBC; Acorn Electron; £14.25

Disk

Language; Mathematics; Puzzles; Problem solving; Special educational needs; Computer games

Allows crossnumber puzzles to be constructed for recall and solving, sizes from 3 to 15 square and clues in either letters or numbers or a mixture of the two to be entered, with answers being in numbers only. Puzzles smaller than 10 square can be displayed at double standard size for those with poor sight and for classroom use. Partly completed puzzles can be saved. Records players' names and the puzzles they have done. Puzzles can be printed out at any stage.

5.25" 40t or 80t disk. Requires only single finger operation on BBC computers; with Electron computers some two-finger operation is necessary while setting puzzles.

7+

Make and solve numberfit puzzles

From: Great Elm Services
198-

BBC; Acorn Electron; £14.25

Disk

Mathematics; Puzzles; Problem solving; Special educational needs; Computer games

Similar to wordfit puzzles, except that the answers are numbers, not words. Puzzles smaller than 10 square can be displayed at double standard size for those with poor sight and for classroom use. Partly completed puzzles can be saved. Records players' names and the puzzles they have made and done. Puzzles can be printed out at any stage.

5.25" 40t or 80t disk. Requires only single finger operation on BBC computers; with Electron computers some two-finger operation is necessary while setting puzzles

7+

Make and solve utilities

From: Great Elm Services
198-

BBC; Acorn Electron; £7.50

Disk

Utilities; Language; Mathematics; Spelling; Puzzles; Problem solving; Special educational needs; Computer games; Primary education; Secondary education

Utility programs to delete grids, puzzles, and players' names from the Make and solve crosswords, numberwords, wordfits and numberfit disks; also to delete players names from the 20 puzzles series; to transfer puzzle squares between Crosswords and Wordfits, between Crossnumbers and Numberfits and vice versa.

5.25" 40t or 80t disk

7+

Make and solve wordfit puzzles

From: Great Elm Services
198-

BBC; Acorn Electron; £14.25

Disk

Language; Spelling; Puzzles; Problem solving; Special educational needs; Computer games

Allows user to construct wordfit puzzles for recall and solving, of a size from 3 to 15 square, in which one word is shown in place and all the others displayed on the screen to be fitted into the square to make a valid crossword. Includes lexicon of 16,000 words. Easier than ordinary crosswords. Puzzles smaller than 10 square can be displayed at double standard size for those with poor sight and for classroom use. Partly completed puzzles can be saved. Records players' names and the puzzles they have made and done. Puzzles can be printed out at any stage.

5.25" 40t or 80t disk. Requires only single finger operation on BBC computers; with Electron computers some two-finger operation is necessary while setting puzzles

7+

Make four

See: Megamix

Make it safe

Humberside County Council Road Safety Department

Gravesend: Fernleaf Educational Software Ltd
198-

BBC B (cassette); £8.65

Cassette; documentation

Language; Life skills; Primary education; Puzzles; Problem solving

Contained in Road safety project. Designed for use with small groups of children. The object of the program is making roads in a housing estate safer by removing, adding to or replacing road furniture within a given budget, based on information on current accident statistics.

9+

Make Sam smile

Waites, Nick

Plymouth: Garland Computing

1985

Make Sam smile

BBC B; BBC B+; BBC Master 128; £25.65
Econet; £43.30

Disk

Mathematics; Spelling; Reading skills; Special educational needs; Preschool education; Infant school education; Primary education; Computer graphics

Contents: Counting (number recognition, counting, simple addition); Word matching (matching objects on screen to the appropriate word); Spelling (building up words letter by letter). Programs available separately. Correct responses are rewarded by animated graphics. Site licences, multiple copy discounts available; details from publishers

BBC 40 or 80t (please specify)

4+

Makeasy

Exeter: Maxima Communications plc

198-

Apple Macintosh; £1,995.00 - £7,995.00

Disk

Communication; Utilities

Allows files and programs to be used from both Macintosh/VMS systems. Users can access powerful VMS programs using one interface on the Macintosh. Single file system provides access to both VMS and Macintosh disks. ASCII and binary file transfer utility allows files, folders or directories to be copied to or from any part of the file system. Uses a standard terminal connection or a LocalTalk connection as a physical link between systems.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Maker-user

Low Attainers Project

Newcastle Upon Tyne: Northern Micromedia
198-

BBC B; BBC Master; £12.50 BBC Master Compact; RM Nimbus (BBC Basic); £14.50

Disk

Language; Primary education; Secondary education; Special educational needs

A linked suite of content-free programs involving creating; editing and using files of descriptive vocabulary. Designed to stimulate thinking and observation.

8-15

Makeway

Backwell, Bristol: Arrowsoft Educational Software

198-

BBC B; BBC Master; £13.50

Disk

Puzzles; Problem solving; Infant school education; Primary education; Special educational needs Computer games; Computer graphics

4 exercises in game format, developing prediction, forward planning and perceptive abilities as children line up routes across the

screen to weave a dot through moving gaps and plan complicated routes through different mazes. Three of the exercises are for individuals; the fourth is for two people and has five difficulty levels. Uses discreet sound to reinforce learning.

Concept keyboard compatible.

4-8

Making a move?

See: How we used to live : 1902-1926

Making a profit?

See: How we used to live : 1902-1926

Making bases and salts

See : Topics for GCSE

Making choices

Durham University's North of England Institute for Christian Education

Durham: Appian Way Software

BBC B; BBC Master 128; £22.50

History; Simulation; Secondary education

The program uses two parallel simulations, one set in Germany in the 1930's and the other set in a badly run modern comprehensive school which is being taken over by a small group. In each scenario the pupil has to make decisions, affecting himself, his friends and his family by which he goes either with the political tide or against it. The program highlights the moral dimension to the choices made by illuminating the causes and consequences of each decision

80t only

14+

Making connections

Newport, Lincoln: MEDUSA

198-

BBC B; BBC B+; BBC Master; £12.00

Disk;

Cross curriculum; Content free programs; English; History; Sciences; Geography; Secondary education

A suite of programs to introduce the concepts of logic, bias, cause and effect (Links, Groups, Misfits, People, Square One and Seven in June); and to develop the use of thinking skills (Eight in June; Planets; Tourist and Map)

11+

Making ends meet

Netherhall Educational Software

Cambridge: Cambridge Micro Software

1984

BBC B; BBC B+; BBC Master; £19.50 Econet; £35.00

1 disk; 1 booklet

Home Economics; Economics; Secondary education

0521263808 (BBC 40/80t); 0521305896 (Econet 80t)

Provides the opportunity for school leavers to plan personal budgeting. Pupils enter wages, type of accommodation and transport and can then allocate their expenditure on a weekly basis. Unexpected events are thrown in such as bills or bonuses.

BBC 40/80t; Econet 80t

11-18

Making ends meet?

See: How we used to live : 1902-1926

Making sacrifices?

See: How we used to live : 1902-1926

Malaria

Leslie, J.; Stewart, B.

Nairn, Scotland: Nairnsoft

1986

BBC; £13.50

Disk; booklet of information and activity sheets

Environmental education; Home economics; Secondary education; Computer graphics; Health; Tropics

A learning package dealing with the transmission of malaria and the environment in which it occurs. Includes three colour sequences in which the user interacts with the graphics, and text frames of information and self-assessment questions

40t disk

13-16+

Malcolm+ : micro assisted learning communication : single switch version

Lancaster: Syndicate Software

BBC B; BBC B+; BBC Master; £16.95 BBC B; BBC B+; BBC Master; (with single proximity switch); £51.95

Disks; or disks and switch

Word processing; Special educational needs; Primary education

A complete file-handling "word processor" which enables physically handicapped persons to write words and create sentences. Includes full text-editing; variable speed setting; printing option; saving of data files; wordlist facility; teacher utility program

40t disk ; compatible with single switch access; the analogue input or user port

5+

Malcolm+ : micro assisted learning communication : double switch version

Lancaster: Syndicate Software

BBC B; BBC B+; BBC Master; £16.95 BBC B; BBC B+; BBC Master; (with double proximity switch); £84.95

Disks; or disks and switch

Word processing; Special educational needs; Primary education

A complete file-handling "word processor" which enables physically handicapped persons to write words and create sentences. Includes full text-editing; variable speed setting; printing option; saving of data files; wordlist facility; teacher utility program. Double switch version avoids necessity of setting a cursor speed.

40t disk; compatible with double switch accessing the analogue input or user port

5+

Malcom word processor

Syndicate Software

Lancaster: Syndicate Software, available from Brilliant Computing

198-

BBC B; BBC B+; BBC Master; £22.25

2 disks; manual

Cross curriculum; Word processing; Language;
 Special educational needs; Preschool education;
 Infant school education; Primary education;

Enables severely physically handicapped literate adults and children to write a letter or document using 1 or 2 switches. Contains tables of commonly used words for quick reference and allows user to create and store own set of word tables. Available in ready-to-run kit with 1 block switch, interface box; £50.00.

BBC 5.25" disk; 40t; works with space bar; simple switch (e.g. block switch) and interface box; any other simple switch. Buyer should specify 2 switch version if required.

13+

Mallory

Straker, Anita

London: ILECC (Inner London Educational Computing Centre)

198-

IRM Nimbus; RM Nimbus network; £10.00

11 disk, 1 booklet

Puzzles; Primary education; Cross curriculum;
 Adventure simulation; Content free programs

The aim of the game is to find some valuable items stolen from a manor and a museum. Two sample files: Manor and Museum provide a good selection of places to look for the stolen objects. Children can create and edit their own files while solving puzzles.

111-14

Mallory

Straker, Anita

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1983

BBC B; RM Nimbus; £2.50

1 Disk

Problem solving; Computer games; Cross curriculum; Primary education

Investigate a robbery at Mallory Manor to find the thief.

Mallory

See: Games, activities and investigations volume 11

Mallory

See: Language work in the classroom

Mallory Manor

See: MAPE compendium

Mallory sheet

Orchel, M.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1985

BBC B; £1.00

Disk

Problem solving; Primary education; Computer games

Produces, on an Epson compatible printer, a grid to help in the logical solution of the Mallory Manor whodunnit.

Malthus

See: Population pack

Mammals

Collins, Stuart

Radcliffe-on-Trent: Somasoft Educational Software

1989

Somasoft database

Acorn Archimedes; BBC B; BBC B+; BBC Master; BBC Master Compact; RM Nimbus; £13.00

Disk 40t/80t/3.5"; booklet; copy worksheets

Cross curriculum; Environmental education; Art; Design; Mathematics; Databases; Primary education; Secondary education

Five programs featuring different aspects of all European mammals. Dedicated database allows search upon 72 fields using AND, OR and NOT linkages. Output is in the form of text, graphs or maps. Pupils can create their own mammal from a menu. Another part allows a binary file of mammals to be created. A further part of the suite allows you to change the elemental dimensions of the mammal, the computer assesses in what sort of climate it could survive. A full or selected list of mammals can be printed out. BBC 5.25" disks: specify 40t or 80t. No printer needed. Colour monitor preferable

9-16

Mammals of Britain and Ireland

Norwich: ITV Schools

1988

Animals in action datafiles; Key datafiles

BBC B; BBC B+; BBC Master 128; £17.25 RM Nimbus; £18.40 BBC Econet; £21.50 Acorn Archimedes; details to be announced

1 disk; 1 handbook; User's notes; Information sheets; Worksheets

Environmental education; Biology; Sciences; Primary education; Secondary education; Information handling; Computer graphics

Datafile for use with Key. Covers 97 species of mammal found in the British Isles, giving such details as name, classification, status, population, habitat, family habits etc. Diagrams are provided showing teeth structure and an additional program shows the distribution of mammals. Helpful in meeting I.T. requirements of the National Curriculum.

BBC B/Master, 5.25" DFS; BBC Master 5.25" ADFS; Econet level 2 and 3, NFS.

8-18+

Mammals of the world

Norwich: ITV Schools

1989

Animals in action datafiles; Key datafiles

BBC B; BBC B+; BBC Master 128; £17.25 RM Nimbus; £18.40 BBC Econet; £21.50 Acorn Archimedes; details to be announced

1 disk; User's notes; Information sheets; Worksheets

Environmental education; Biology; Sciences; Primary education; Secondary education; Information handling; Computer graphics

Datafile for use with Key. Covers the principal 561 mammals of the world, giving such details as name, order and family, together with distribution (a map for each mammal), habitat, behaviour etc. Also given is information on whether the species is stable, increasing or threatened.

BBC B/Master, 5.25" DFS; BBC Master, 5.25" ADFS; Econet level 2 and 3, NFS.

8-18+

Man

See: Basic package

Mangonel

See: MAPE compendium

Manhole CD-ROM

Reading: Activision (UK) Ltd.

198-

Apple Macintosh; £59.95

ROM

Computer games; Computer graphics; Adventure simulation

Enhanced graphics and animation as well as original music bring the characters of this adventure fantasy to life. Includes 55Mb material.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Manoir des oiseaux

Woodward, Roger

London; Camsoft

1987

BBC B; BBC B+; BBC Master; £15.00 BBC Econet Level 2/3; £30.00

Disk; documentation

Modern languages; French; Puzzles; Problem solving; Primary education; Secondary education; Computer games; Computer graphics

A game of detection with graphics and music, entirely in French, in which the student has to discover the thieves who steal a range of valuable objects over the weekend at the Manoir

BBC 40/80t; programs convertible by user for Master Compact

11-15

Mansfield Park

Smith, Margaret (ed.)

Bangor: Akadimias

1984

Tutor series: English Literature - set texts

BBC B; BBC Master 128; Econet levels 2 & 3; Acorn; RM Nimbus PC 186; RM Nimbus AX series; Nimbus network; Amstrad 6128 & PCW; IBM PC compatible; £25.00 (includes site licence for up to 10 terminals)

Disk; study booklet; reading list

English literature; Secondary education; Sixth form education; Further education; A level examinations

A program to test student knowledge with questions in a multiple choice format, in either a random or sequential order, and with various user selectable time-bases against which the test may be taken. Facilities for revision; sequential, random test modes; with four time based skill levels in each test mode. Discounts available: details from publisher

BBC 40 or 80t disk (please specify). Acorn DFS & ADFS; RM Nimbus 3.5" disk; Amstrad disk; IBM PC 5.25" or 3.5" disk (please specify).

11-16+

Manufacture of sulphuric acid

See: Industrial chemistry pack

Manzia: planning a game park for East Africa

ITMA

Harlow: Longman Micro Software

1989

BBC B; BBC B+; BBC Master 128; £30.00 BBC Econet; SJ file server; AMCOM E-Net; £40.00

Disk; worksheets; visual resources; case study

Geography; Secondary education; Sixth form education; Further education

Students have to decide from the information provided whether an imaginary country in Africa should use land for a new game park: and if so, its location, taking account of conflicting land use demands. Includes case study of the Tanzanian approach to development of game parks.

BBC 40t, 5.25" DFS disk; BBC 80t, 5.25" disk

11-18

Map

Walton, David

Abingdon: Flexible Software Ltd

1988

RM Nimbus; RML 480Z; £24.00 RM/RML Network; £48.00

Software; 1 documentation booklet

Geography; Craft, design, technology; Primary education; Secondary education; Sixth form education; Further education

1872449069

3 programs: Edmap (creates, edits a base map using mouse or keyboard with up to 14 colours, 3 line styles, and place names); Editor (creates, edits a Quest compatible data file of locations, up to 80 fields, one containing a grid reference); Map (plots data from the file to the base map using variety of mapping techniques including choropleth mapping; includes Query language which allows selection of any part of the data). Will print to any Epson compatible printer; any HPGL compatible plotter, or Epson Hi80 plotter. Bulk discounts; LEA licences available. Additional copy of booklet; £6.00.

RM Nimbus 3.5" disk; RML 480Z 5.25" disk

8-18

Map

See: Plant ecology field study techniques

Map

See: making connections

Map Rally

Bourne Educational Software Ltd

1983

BBC B Cassette; Acorn Electron Cassette; Amstrad CPC 464 Cassette; £9.95 BBC B (disk); £14.95

1 cassette/disk; 1 booklet

Geography; Primary education; Secondary education; Adventure simulation; Computer games

Aims to teach co-ordinates and compass directions, to improve estimating and accuracy and deductive reasoning skills, as children move a car across a grid in a race against time or against each other. Three levels of complexity.

BBC 5.25" disk; 40/80t.

7-13

Map 2

Chichester: John Wiley & Sons Ltd.

198-

Apple Macintosh; details from publisher

Disk

Geography; Secondary education

A grid based program for map viewing, marking, measuring, transforming and map making. Manipulates information on a visual and quantitative level. Features include flexible map and legend display; support for colour; direct entry and edit using the mouse; spatial analysis using screen tools as well as by specifying text-based transformation; the ability to export in PICT; PICT2; SYLK; Text and TIFF file formats.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration

MAPE compendium

Birmingham: MAPE (Micros and Primary Education)

1987

BBC B; BBC B+; RML 480Z; £8.00 members; £10.00 non members

1 disk; 1 documentation booklet

Art; English; Creative writing; Sciences; Primary education; Problem solving; Information handling; Cross curriculum; Adventure simulation

Also known as Microscope 3, a collection of the best programs produced some years ago.

Contents : Canal locks, (simulates the way lock gates work); Mangonel, (allows to investigate the working of a Roman catapult); Marsh, (a problem solving activity); Mallory manor, (a detective game); Crackit, (the code solving game); Pattern, (a simple pattern creation activity); Front page extra, (a simple newspaper program); Mousey, (a shape matching activity) In addition (BBC only): Jumbo, (a problem solving activity involving a crane and an elephant); Deetree, (a program for information handling); (RML 480Z): Treasure hunt (an adventure game); Picture builder, (given shapes can be put together to create pictures)

5-11

MAPE owl pack

Whiteman, Senga; Hurrell, Chris; Norman, Stan; (et al.)

Birmingham: MAPE (Micros and Primary Education)

1988

BBC B; BBC B+; BBC Master 128; RML 480Z RM Nimbus; £12.50 (£7.50 to new member,

1 disk; 1 story book "The owl who wanted to fly"; a set of postcards; 1 sheet "Young ornithologists' club information"; 2 posters; 1 sheet "Last minute thoughts"; 1 project guide; order form; 1 copy "Microscope : spring 1988"

Sciences; Biology; Language; English; Infant school education; Primary education; Cross curriculum

A whole resource pack for very young children on the topic of owls

4-7

MAPE tape 4

Birmingham: MAPE (Micros and Primary Education)

198-

BBC B; BBC B+; BBC Master 128; RM 480Z £6.50 to members; £8.50 non members

1 disk; 1 documentation booklet

Sciences; English; Cross curriculum; Primary education; Adventure simulation

Also known as Microscope 4, Contents: News bulletin, (allows children to produce an electronic magazine); Pond dipping, (simulates a systematic exploration of a pond); Topol, (a problem solving game); Magic telephone, (BBC and Nimbus); Adventure story and editor; Picasso, (480Z)

5-11

MAPE tape 6

Birmingham: MAPE (Micros and Primary Education)

1989

BBC B; BBC B+; BBC Master 128; RML 480Z RM Nimbus; £12.50 (£5.00 to new members); MAPE, £9.50 for more than 20)

disk; documentation booklets

Language; English; Creative writing; Cross curriculum; Word processing; Adventure simulation; Primary education

Contents : Stylus, not available for the 480Z, an introductory word processor, which is an update of Concept writer); The orb of Zalibar, (an adventure game)

For the RM Nimbus version of MAPE tape 6 a blank formatted disk is required

5-11

MapGrafix

Ruislip: Desktop Engineering Systems

198-

Apple Macintosh; £5,597.00 (1 copy); £4,757.00 (2-5 copies); £4,477.00 (6-10 copies)

Disk

Geography; Databases; Information handling; Secondary education

Combines computer aided mapping capabilities with a relational database management system: allows descriptive attribute data to be linked to graphic components of a map or drawing; co-ordinates; symbols and annotation are digitised and edited interactively with double precision accuracy. Supports a range of standard digitising tables and plotters.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Mapmaster

11855720396

See: Pathway to bearings : Suite C

Mapo

Ruislip: Desktop Engineering Systems

11198-

Apple Macintosh; £345.00

Disk

Computer assisted design; Design; Craft, design, technology; Engineering; Utilities

Converts Hewlett-Packard Graphics Language files into Encapsulated PostScript files, allowing users to print drawings from CAD files. Complex drawings converted to EPSF will produce high quality printouts, without oversized lines, aliasing or loss of detail. User assigns line thickness to each plotter pen. Converted drawings can assume different dimensions from original drawings. Mapo drawings may be used with majority of page layout packages recognising EPSF format.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Mapping skills

Wisbech, Cambridgeshire: esm

1198-

BBC B; BBC B+; BBC Master 128; £17.50

Disk; handbook

Geography; Primary education

Seven interrelated programs to reinforce understanding of mapping concepts: grids, compass directions and scale. Ideal for use as part of project or as practice. Contents: Treasure island (grid reference co-ordinates); Treasure hunt (compass directions); 5 islands (scale to calculate distances).

BBC 5.25" disk 40t

7-11

Maps

See: Maps and landscapes; 1

Maps and landscapes 1

Spalding: Chalksoft Ltd

1978-

Maps and landscapes

BBC B; BBC B+; BBC Master; £18.00 BBC Master Compact; Acorn Archimedes; £20.00

Disk; 40t; 80t; 3.5"; copy sheets

Geography

18351160299

Contains three programs on basic map work: Grids (explains the National Grid and 4 and 6 figure grid references); Conventional signs (based on commonly used signs); Maps (features several O.S. type maps on screen with questions relating to signs and grid references).

Please state whether 40-track or 80-track disks are required.

9-14

Maps and landscapes 2

Spalding: Chalksoft Ltd

1978-

Maps and landscapes

BBC B; BBC B+; BBC Master; £18.00 BBC Master Compact; Acorn Archimedes; £20.00

Disk; 40t; 80t; 3.5"; copy sheets

Geography; Computer graphics

1851160396

Features 3 aspects of map work through the following programs: Direction (the compass, 4, 8, 16 points); Scale (the idea of scale; explores different scales, showing how a map changes as its scale alters); Contour (shows how to make cross sections from maps).

3.5"; please state whether 40-track or 80-track disks are required.

9-14

Mapventure

Hosler, Simon; Bonham, Bill

Sherston: Sherston Software

1988

BBC B; BBC B+; BBC Master 128; BBC Master Compact; Acorn Archimedes; Acorn A3000; (single pack) £23.00 BBC B; BBC B+; BBC Master 128; BBC Master Compact; Acorn Archimedes; Acorn A3000; (small lab pack) £46.00 BBC B; BBC B+; BBC Master 128; BBC Master Compact; Acorn Archimedes; Acorn A3000; (large lab pack) £69.00 BBC Econet; £49.00

1 disk 40t/80t; 1 teachers' book; 1 large map; 2 small maps; keypad

Geography; Cross curriculum; Computer graphics; Adventure simulation

In part 1, children learn mapping skills by taking a ride in a hot air balloon and watch the town getting smaller. Part 2 is an orienteering exercise on the computer, where children have to find their way around, collect clues and avoid traps.

3.5" DFS and 5.25" ADFS disks also available

8-13

Mapvision

Dimitriou, Basil

London: Pitman Publishing

1985

Apple Macintosh; £89.95

2 disks; 1 user manual

Geography; History; Sciences; Business education; Data processing; Secondary education; Further education; Computer graphics; Adult education

0273024329

Mapvision is an application of the Filevision program that enables the user to store and process information on the maps or diagrams of the UK, Europe, USA and selected world regions. Own maps, diagrams or drawings can be used as a database

Mouse required

11-Adult

Marble madness

Langley, Nr. Slough: Electronic Arts Ltd

1978-

Software classics

Amiga; Atari ST; PC; £9.99

Disk

Computer games; Computer graphics

A coin-op classic conversion for a home computer. Uses unique Escher style graphics with vertical scrolling.

3.5" disk available for PC

Marching order

See in Educational disk

Marconi tracker ball RB2/101+M

Lincoln: Marconi Electronic Devices Ltd; Pineapple Software

1985

BBC Master 128; £54.83

Trackerball; ROM; user guide

Utilities; Art; Design; Craft; Technology

Provides precise X-Y cursor position control by operation of the central ball; more precise and stable than a joystick, giving precision and speed for graphics programs, menu selection, word processing or games. Includes drawing programs. Pointer ROM enables user to interface directly with the device driver, eliminating need for keyboard control. Tracker ball may also be used with Timpaint supplied on the Master Welcome disk. Pointer ROM available separately £12.50.

Marginal and average economic variables

See : Competition

Marginal productivity theory

See : Competition

Mark

Cambridge: Biosoft

198-

Blanchard Clinical Case Studies

IBM PC/PS2; Apple II; £50.00 (single simulation) Additional simulations on same order £30.00

Disk; manual

Sciences; Biochemistry; Simulation; Sixth form education; Further education; Adult education

An interactive simulation - Mark has diabetes, and his biochemistry, endocrinology and physiology all need investigating.

5.25" disk Apple II series 3.3 DOS, 64K RAM minimum; IBM PC (CGA/EGA), 3.5" disk also available.

18+

Mark up

Higgins, John; Higgins, Muriel

London: Research Design Associates order via Wida Software Ltd

198-

MS DOS; £29.95

Disk

English; Language; English (second language); Secondary education

A punctuation exercise - students, given unpunctuated sentences and all the missing marks listed at the bottom of the screen, have to enter one word at a time with all the correct punctuation. Facility for teachers to enter own text.

MS/DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory & DOS 2.0 or higher; Nimbus PC with 1MB memory & IMBulator.

11+

Market stall

Haydon, Ray; Harrison, M.C.; Miller, C.; et al.
Gravesend: Fernleaf Educational Software Ltd
1984

Thinking mathematically : Series 2

BBC B (disk); £11.26 BBC B (cassette); £8.65

1 disk or cassette; 1 booklet

Mathematics; Language; Puzzles; Problem solving; Primary education; Secondary education; Computer games

Contained in Money plus. Designed for use with small groups of children. A game with the objective of making a profit over three or six months' periods of running a market stall

Operating system 1.2

8-13

Marsh

See: MAPE compendium

Marsh game

See: Hereward the rebel

Martello tower

Straker, Anita

London: ILECC (Inner London Educational Computing Centre)

198-

RM Nimbus; RM Nimbus network; £10.00

1 disk; 1 handbook; 12 worksheets

Mathematics; Puzzles; Geography; Cross curriculum; Primary education; Adventure simulation

In this adventure game children have to find their way through a tower and escape to the sea in as few moves as possible. As the game is played, objects are discovered which are needed to help the children to escape or puzzles have to be solved

7-11

Martello tower

See: Adventure 2

Marthamateg (Mousematics Cymraeg)

Clwyd: Clwyd Technics Ltd

198-

BBC B; BBC B+; BBC Master; £16.95

Disk (for use with sideways RAM)

Mathematics; Infant school education; Primary education; Puzzles; Problem solving

Explores number bonds as children join Maths Mouse on a group of adventure islands, helping solve problems which are number bonds in disguise. Includes Parrot scene (children put baby birds back in their nests); Turtles (children "photograph" turtles on a beach); Ghost scene (children help ghosts fill hole in castle wall); Jungle scene (a see-saw game with jungle creatures). Teacher options to choose specific number bonds and individual learning levels; to time exercises; obtain detailed reports on each child or a summary for whole class, showing progress, highlighting problem areas. In Welsh BBC B requires sideways RAM

5-7

Mass spectrometer

See: A level general physics pack

Mass spectrometer

See: Chemistry collection

Master

See: Games, activities and investigations volume 2.

Master

See: Language work in the classroom

Master pack

Adlington, Macclesfield: Database Software
198-

Amstrad PCW 8256; 8512; £79.95

Master pack

Desktop publishing; Art; Design

Contents: Master scan; Master paint

Master paint

See: Master pack

Master ROM

St. Albans: Beebugsoft Ltd

198-

BBC B; BBC Master 128; £39.00 (£29.95 members' discount price)

ROM

Utilities; Primary education; Secondary education; Sixth form education; Further education

Developed to enhance the ADFS, sideways RAM and real-time features; includes control panel displaying all preset options and available ROMs; a 16K-64K full feature printer buffer using sideways RAM in selectable banks; a disk-based diary and alarm facility; and a simple RAM disk providing commands to save programs and memory.

5-16+

Master scan

Adlington, Macclesfield: Database Software
198-

Amstrad PCW 8256; 8512; £69.95

Disk; scanner; interface box; sample art; manual

Desktop publishing; Art; Design

A precision engineered optical scanner package

Master termulator

Cambridge: Acornsoft

1983

BBC Master 128; BBC Master Compact; £34.74 Econet; £100.00

ROM; user guide; function key cards

Utilities

Converts micro into a terminal which can emulate a variety of industry terminals: ANSI(VT100), VT52, Tektronix 4010, a

'Dumb' terminal; a 'hardcopy' terminal, a 'BBC terminal' which enables the host computer output to be sent directly to BBC micro VDU drivers.

ROM

5-16+

Master tracks jr

London: MCMXCIX

198-

Apple Macintosh; £115.00 (25% education discounts available)

Disk

Music

An easy to use composing and recording tool, based on Master Tracks Pro. Incorporates 64 of its features, including 64 tracks with MIDI channel; easy correction of playing errors; conductor track for selection of metre, tempo and beat for each measure; song editor featuring displaying track data graphically. On-screen recording controls are similar to a tape recorder for added ease of use.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Master tracks pro

London: MCMXCIX

198-

Apple Macintosh; £315.00 (25% education discounts available)

Disk

Music

A sequencing program with 64 multi-channel tracks with MIDI channel, and playback on 11 different channels of MIDI. Features include conductor window for adjusting tempos in real time; song editor for rapid song creation with extensive editing commands; step editor providing graphic view of a single track over time, allowing user to enter and edit at different zoom levels; MIDI data windows displaying specific MIDI data as plots on a graph for tracking and editing; Sysex librarian allowing composers to save and load MIDI system exclusive data to and from MIDI devices and diskette.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Masterfile 2

Williams, Sheridan (au. and project ed.)

St. Albans: Beebugsoft Ltd

1983

BBC B; BBC Master 128; Master Compact; Acorn Archimedes; £22.00 (£16.50 members' discount price)

1 disk; 1 documentation booklet

Databases; Information handling; Secondary education; Sixth form education; Further education

A general purpose database for the BBC micro supplied ready to run, enabling large amounts of information to be stored, processed, searched, amended, etc. Features include menu driven tag sorting; global calculation; form designer; label printing facility.

40 or 80t ADFS or DFS; 80t ADFS Master 128; 3.5" Master Compact disk

12-16+

Masterknit 200

©Clwyd: Clwyd Technics Ltd

1198-

EBBC B; BBC B+; BBC Master; £199.00

IDisk

©Craft, design, technology; Computerised knitting

Allows design of between 2 and 200 stiches wide to be created on screen; and garment shapes to be designed. All or part of the design can be knitted

For use with Knitmaster 550, 560 and 580 knitting machines

Mastermind

©Leamington Spa: SPA (Software Production Associates)

1198-

FRM Nimbus; £10.00 RM Nimbus Network; £19.00

IDisk

Infant school education; Primary education; Secondary education; Computer games; Simulation

A colourful version of the traditional board and peg game

44-15

Match

SSee : Set of 13 reading and spelling programs

Matchbox

©Doncaster: RESOURCE

1198-

BBBC B; BBC Master 128; £14.50

IDisk; documentation

Language; Mathematics; Preschool education; Infant school education; Primary education

A program to develop matching skills. LEA/Regional licences and bulk purchase discount available

BBBC B/Master 5.25" 40t DFS; 80t DFS available - £1.50 surcharge per disk

33+

Matching

SSee: Picture gallery suite

Matching colours

SSee: Single switch programs

Matching shapes

SSee: Single switch programs

Matching 1

SSee : Big match

Matching 2

SSee : Big match

Matchmaster

©Jones, Christopher

London: Wida Software Ltd

1986

BBC B; BBC B+; BBC Master; £32.50 each version MS DOS; £60.00 each version BBC Econet Level 2/3; £65.00 each version

2 disks (1 master disk, 1 student disk); 1 booklet

Cross curriculum; Language; English; English (second language); Modern languages; French; German; Spanish; Italian; Primary education; Secondary education; Authoring aids

1850051054

Authoring programs to enable teachers to write their own matching exercises e.g. matching of synonyms/antonyms, parts of sentences (conditional, deductions, reasons), dialogues etc. Available in English; French; German; Spanish and Italian versions.

BBC 40/80t; programs convertible by user for Master Compact. MS/DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1MB memory & IBMulator

8-15

Matchmaster : a che corrisponde?

Jones, Christopher

London: Wida Software Ltd

1986

MS DOS; £60.00

2 disks (1 master disk, 1 student disk); 1 booklet

Cross curriculum; Language; Modern languages; Italian; Primary education; Secondary education; Authoring aids

1850051054

An authoring program to enable teachers to write their own matching exercises e.g. matching of synonyms/antonyms, parts of sentences (conditional, deductions, reasons), dialogues etc. Available also in English; French; German; and Spanish versions.

MS/DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1MB memory & IBMulator

8-15

Matchmaster : que corresponde?

Jones, Christopher

London: Wida Software Ltd

1986

Matchmaster MS DOS; £60.00 BBC Econet Level 2/3; £65.00

Master disk; 1 booklet

Cross curriculum; Language; Modern languages; Spanish; Primary education; Secondary education; Authoring aids

1850051054

An authoring program to enable teachers to write their own matching exercises e.g. matching of synonyms/antonyms, parts of sentences (conditional, deductions, reasons), dialogues etc. Available also in English; French; German; and Italian versions.

MS/DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1MB memory & IBMulator

8-15

Matchmaster : terme a terme

Jones, Christopher

London: Wida Software Ltd

1986

Matchmaster MS DOS; £60.00

Master disk; 1 booklet

Cross curriculum; Language; Modern languages; French; Primary education; Secondary education; Authoring aids

1850051054

An authoring program to enable teachers to write their own matching exercises e.g. matching of synonyms/antonyms, parts of sentences (conditional, deductions, reasons), dialogues etc. Available also in English; German; Spanish and Italian versions.

MS/DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1MB memory & IBMulator

8-15

Matchmaster : zuordnungen

Jones, Christopher

London: Wida Software Ltd

1986

Matchmaster MS DOS; £60.00 BBC Econet Level 2/3; £65.00

Master disk; 1 booklet

Cross curriculum; Language; Modern languages; German; Primary education; Secondary education; Authoring aids

1850051054

An authoring program to enable teachers to write their own matching exercises e.g. matching of synonyms/antonyms, parts of sentences (conditional, deductions, reasons), dialogues etc. Available in also in English; French; Spanish and Italian versions.

MS/DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1MB memory & IBMulator

8-15

Matchpairs

Murphy, R.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1984

BBC B; £5.00 Disk

English; Language; Reading skills; Primary education; Computer games

A reading and remembering game for two players. Each in turn tries to match the eight pairs of concealed words. The program tests "rhyming words" but other words can be inserted into the DATA statements.

Matchword

Glasgow: Mike Harland

198-

Apple Macintosh; £7.00

Disk

Modern languages; Primary education; Secondary education; Authoring aids

An authoring shell for most languages; allows up to 20 words and their meanings to be randomly mixed for students to match them. Based on Apple's HyperCard software.

Works on current Macintosh systems with at

least 1Mb RAM; please check required configuration.

7+

Materials : investigation and choice : a database for pupil use

London: ITV Schools

198-

BBC B; BBC B+; BBC Master 128; £19.95

2 disks; 1 documentation booklet

Craft, design, technology; Design; Secondary education; Information handling; Databases

Datafile for use with Key. Allows fast access to information on the properties of over 80 materials. The Key disk provides more complex comparisons and characteristics. Supplementary information can also be added.

BBC, 5.25" DFS

MathCAD 2.0

Letchworth: Adept Scientific Micro Systems Ltd

198-

Apple Macintosh; £325.00

Disk

Computer assisted design; Design; Craft, design, technology; Engineering; Mathematics; Sciences; Statistics; Utilities

A mathematical analysis package for calculating, solving and documenting technical problems. Combines equations, graphics and text and formulates equations in mathematical notation as they are typed, instantly calculating the results. Features include user option to enter formulae or define variables anywhere on the screen; on-screen palettes for selection of mathematical operators and Greek characters; support for colour keyed 3D plots which can be viewed and lit from any angle.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

16+

Mathemagic land

Studley: LTS (Learning and Training Systems)

198-

BBC B; BBC Master; BBC Master Compact; RM Nimbus; Acorn Archimedes; £12.95 Econet Level 2/3; Filestore & SJ systems, RM Nimbus network; £21.95

Disk

Mathematics; Primary education; Secondary education; Computer games

A maths adventure game in which children solve problems to rescue the king's children from the evil Sly Drool, with the problems forming part of the story line. Three levels of difficulty.

Network software on 80t DFS with transfer instructions. For stand alone software, please specify format required.

9-15

Mathematica

Saffron Walden: Colin Grace Associates

198-

Apple Macintosh (Standard); £485.00 Macintosh II; £795.00

Disk

Mathematics; Algebra; Secondary education

A general system for numerical, symbolic and

graphical computation. Facilities include arbitrary precision arithmetic; matrix manipulation; direct manipulation of algebraic format formulae; integration; differentiation; power series expansion functions; symbolic equation solution. 2D & 3D PostScript graphics can be converted to PICT; Encapsulated PostScript; Embedded PostScript and Adobe illustrator files. Supports interactive Notebooks that mix text, graphics and Mathematica input.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration. Includes sophisticated Macintosh front end which can be used even when kernel is running on a remote computer.

Mathematical battleships

Backwell, Bristol: Arrowsoft Educational Software

198-

BBC B; BBC Master; £13.50

Disk

Mathematics; Primary education; Computer games

A game testing children on their multiplication tables; teacher choice of range of tables and length of time allowed to answer each question. A correct answers gives the user a chance to bomb a battleship.

5-9

Mathematical concepts

Rees, John

Cardiff: Drake Educational Associates

198-

BBC B; BBC B+; BBC Master; £12.00

1 disk; 1 booklet

Mathematics; Infant school education; Primary education; Special educational needs

In this program the concepts of long-short; thick-thin; short-tall; high-low; wide-narrow are explored

5+

Mathematical eye

London: ITV Schools

198-

BBC B; BBC B+; BBC Master 128; £40.25

4 disks

Mathematics; Problem solving; Secondary education Computer games; Databases

Encourages indepth exploration of mathematical ideas. The programs are about the process of being mathematical making them particularly relevant to Attainment Targets 1 and 9. The approach is a games one, using mathematical discussion and skills to solve complex problems. Contents: Mountain rescue; Codecracker; Fooled by numbers; Busroute. (Individual programs also available separately, price £11.50 each). Associated ITV Schools programme: Mathematical eye.

5.25", DFS

11-13

Mathematical investigations

Straker, Anita (software); Johnston, Debbie (handbook)

London: ILECC (Inner London Educational Computing Centre)

1987

RM Nimbus; RM Nimbus network; £10.00

1 disk; 1 handbook

Mathematics; Primary education; Problem solving

There are eighteen investigations in this pack designed for problem solving in the classroom.

8-14

Mathematical investigations in the primary classroom

Staker, Anita; Tate, Laurie; Smith, Peter; et al

London: Capital Media

1984

BBC B; £8.00

Disk

Mathematics; Primary education

10 programs of mathematical investigations, simulating practical activities and the collection and tabulation of data, allowing children to discover the general relationships/rules behind the activity.

BBC 40t s/s, s/d disk

5+

Mathematics : a school-based inset course for teachers of children with special needs

Coventry: NCET/MESU

1988

BBC B; BBC B+; BBC Master; £12.50

Disk; book; 18 overlays (A3 & A4)

Primary education; Secondary education; Special educational needs; Mathematics

A school-based inset resource concentrating on the use of concept keyboard overlays for maths teaching in special needs classes, encouraging teachers to trial software with their students, pool experiences and work on developing materials for their own needs.

40t disk

Mathematics practice in the classroom

Straker, Anita; Tate, Laurie; Smith, Peter; et al

London: Capital Media

1984

BBC B; £8.00

Disk

Mathematics; Primary education; Special educational needs; Language

8 programs providing practice in mathematical skills, suitable for small groups of children working on their own, or as a class activity involving the teacher. Contents: Adding; Angles; Area; Count; Differ; Odds; Partition; Tens.

BBC 40t s/s, s/d disk.

5+

Mathematics projects pack

Kennewell, Val.

Bromsgrove: Kite Educational Software

1986

RM Nimbus; RM Nimbus network; £20.00

Disk; worksheets; teacher's guide

Mathematics; Secondary education; General Certificate of Secondary Education

110 programs to manage investigations and stimulate ideas on topics such as polyominoes, travelling salesman problems, large number investigations, Fibonacci sequences, Pascal's triangle, topology, dissections, projectiles and number patterns.

111-18

Mathematics with a spreadsheet : viewsheet version

Kennewell, Val.

Bromsgrove: Kite Educational Software

11988

BBC B; BBC B+; BBC Master 128; viewsheet version; £12.00

Disk; worksheets

Mathematics; Spreadsheets; Secondary education; Further education; Business education

A package including 19 pre-written spreadsheets to guide pupils through mathematical problems and investigations such as iterative solution of equations, number investigations, money management applications and trial and error solution of problems, using spreadsheets as required by the National Curriculum.

111-16+

Mathematics with a spreadsheet : multiplan version

Kennewell, Val.

Bromsgrove: Kite Educational Software

11987

RM Nimbus; multiplan version; £16.00

Disk; worksheets

Mathematics; Secondary education; Further education; Spreadsheets; Business education

A package including 24 pre-written spreadsheets to guide pupils through mathematical problems and investigations including iterative solution of equations, number investigations, money management applications and trial and error solution of problems, using spreadsheets as required by the National Curriculum. Updated and referenced to NC statements of attainment

111-16+

Mathemati-Cal 1 and 2

Doncaster: RESOURCE

1198-

BBC B; BBC Master 128; £20.95

Disk; documentation

Mathematics; Computer studies

A suite of programs demonstrating possibilities for the computer in the maths classroom. LEA/Regional licences and bulk purchase discount available

BBC B/Master 5.25" 40t DFS; 80t DFS available - £1.50 surcharge per disk

77-14

Maths and logic bumper box

Gravesend: Fernleaf Educational Software Ltd

1198-

BBC B; BBC B+; BBC Master 128; BBC Master Compact; £39.95

Disk; documentation

Mathematics; Puzzles; Problem solving; Primary education; Secondary education; Computer games

Contents: Arithmetic plus; Money plus; Games of deduction.

Please state make/model of computer; network system; disk size and printer.

7-13+

Maths in space

Whittington, Ian

Huntingdon: Cambridgeshire Software House

1989

BBC B; BBC B+; BBC Master 128; BBC Master Compact; £15.00 Site licence; £30.00

1 disk containing program and notes

Mathematics; Adventure simulation

The program requires pupils to recall number bonds under time pressure while they practice mental arithmetic. The aim is to find the identity of "The Professor" and escape but they can come back to it again, moving on to the next hiding place.

8+

Maths master

Delmonte, E.J.

Ashton-under-Lyne: Granada Educational Software

1989

BBC; RML 480Z; £12.50

Disk

Mathematics; Primary education

Leads to pupils achieving the title of Maths Master by selecting from questions relating to time, money or area.

Disk (5.25")

7-11

Maths maze

See: Fun school for 6-8 year olds

Maths pack

Backwell, Bristol: Arrowsoft Educational Software

198-

BBC B; BBC Master; £12.00

Disk

Mathematics; Primary education; Special educational needs

Five diverse programs using an abacus, windmills and balloons to show children how addition and subtraction and fraction sums are solved.

Concept keyboard compatible

5-11

Maths pack : voiced

Backwell, Bristol: Arrowsoft Educational Software

198-

BBC B; BBC Master; £17.00

Disk

Mathematics; Primary education; Special educational needs

Five diverse programs using an abacus, windmills and balloons to show children how addition and subtraction and fraction sums are solved. Voiced.

Uses Voice.

5-11

Maths pack 1

Swansea: HS Software

1989

BBC B; BBC B+; BBC Master 128; BBC Master Compact; Acorn Archimedes £11.95pp

Disk; manual

Mathematics; Infant school education; Primary education; Computer games

Designed to meet national curriculum key stage 1 demands, AT2.L1(a) and (b); AT5.L1(a); AT6.L2(a); AT8.L1(a). Range of options enables games to be adjusted to different ability levels and rates of progress. Includes matching, counting and sequencing, with up to 45 tries at each of a combination of 36 different games. Can hold data for up to 36 children. Provides individual and summary scores.

BBC 40 or 80t disk; Master Compact 3.5" disk; Archimedes 3.5" disk

5-7

Maths skill 1

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £24.50

Disk

Mathematics; Primary education; Secondary education

Aids effective teaching of adding and subtraction with randomly generated problems. The addition program covers "carrying"; the subtraction program "borrowing". Optional prompts, sound cues, file record of pupil achievement.

Only specify 80t if you cannot use 40t disks.

8+

Maths skill 2

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £24.50

Disk

Mathematics; Primary education; Secondary education

Deals with multiplication and division, providing options for fixed and random multiples and for exact division or division with remainders. Optional prompts, sound cues, file record of pupil achievement.

Only specify 80t if you cannot use 40t disks

8+

Maths snap

Sherston Software

Sherston: Sherston Software

1983

BBC B; BBC B+; BBC Master; BBC Master Compact; (single pack) £9.50 BBC B; BBC B+; BBC Master; BBC Master Compact; (small lab pack) £19.00 BBC B; BBC B+; BBC Master; BBC Master Compact; (large lab pack) £28.50

Single pack: 1 disk; 1 teacher's book Small lab pack: 1 copy of full pack plus 5 extra copies of disk Large lab pack: 2 copies of full pack plus 10 extra copies of disk

Mathematics; Computer games

A game allowing up to 4 players to practise number bonds.

BBC 40t 5.25" DFS; BBC 80t 5.25" DFS; BBC Compact 3.5" ADFS disk. 3.5" DFS and 5.25" ADFS disks also available

7-13

Maths talk

Studley: LTS (Learning and Training Systems) 198

BBC B; BBC Master; BBC Master Compact; RM Nimbus; £11.95

Disk

Mathematics; Primary education; Special educational needs

A suite of programs for the CONCEPT keyboard which develops understanding of the language of mathematical expressions using the 'four rules' by requesting up to six different ways of 'saying each sum'.

Please specify format required.

7-12

Maths topics 2 : Percentage families and Percentage snap

Beardon, Toni; Kite, Don; Scowcroft, Gary
Cambridge: Cambridge Micro Software
1984

BBC B; BBC B+; BBC Master; £22.50 Econet; £37.50 Apple Macintosh; £25.00

1 disk; 1 booklet

Mathematics; Computer graphics; Computer games; Primary education; Secondary education
0521264669 (BBC 40/80t); 0521305934 (Econet 80t); 0521321409 (Apple disk)

Contents: Percentage families; Percentage snap. The first program explores percentages and their relationship with fractions and decimals using coloured graphics. It also gives a visual picture of percentages by shading a grid. The second program is a game that aims to consolidate the students' knowledge gained in Percentage families. Success in the game depends on identifying equivalent decimals, percentages and fractions.

BBC machines need 40/80t; Econet requires 80t disk

7-14

Maths translations

Chepstow: AVP Computing
198-

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £13.50 BBC Master Compact; £15.70 Acorn Archimedes; RM Nimbus; £24.50 RM Nimbus network; (up to 16 machines) £45.00; (up to 48 machines) £65.00

Disk

Geometry; Mathematics; Secondary education

Deals with the translation of triangles and quadrilaterals on a progressive scale, explaining how to move them on a grid; explains matrix calculations. Includes testing/revision facility

Only specify 80t if you cannot use 40t disks

13+

Maths with a story 1

Smith, Peter

London: ILECC (Inner London Educational Computing Centre)

1986

RM Nimbus stand alone; £15.00; RM Nimbus network; £30.00 BBC B; BBC B+; BBC Master; RML 480Z; RML 380Z; £10.95

1 disk; 1 handbook; 1 keystrip

Mathematics; Language; English; Infant school education; Primary education; Computer games
0708599478

Contents: Co-ordinate jigsaw; Symmetry patterns; The two dice race game; The colouring puzzle. The programs take the form of games for children of a wide range of ages and abilities with the aim to introduce them to a range of mathematical ideas, including probability, co-ordinates, logical reasoning, geometry and symmetry. Maths with a Story computer programs were first published by the BBC to accompany their Schools Radio series of the same name.

7-14

Maths with a story 1

Smith, Peter

London: BBC Enterprises / Longman-Logotron
1989

BBC B; BBC B+; BBC Master 128; £22.00

1 disk; 1 booklet

Mathematics; Problem solving; Language; English; Cross curriculum; Primary education; Infant school education

0563211253

The four programs include probability, co-ordinates, logical reasoning, geometry, symmetry and simple addition. Also available from ILECC for RML and RM Nimbus

6-10

Maths with a story 2

Smith, Peter

London: ILECC (Inner London Educational Computing Centre)

1986

RM Nimbus stand alone; £15.00; RM Nimbus network; £30.00 BBC B; BBC B+; BBC Master; RML 480Z; RML 380Z; RML network; £10.95

1 disk; 1 handbook

Mathematics; English; Infant school education; Primary education; Computer games

0708599419

Contents: Pirate gold; Turnflex; Dice squares; The tile stretch game. The programs take the form of games for children of a wide range of ages and abilities with the aim to introduce them to a wide range of mathematical ideas. The mathematical ideas introduced in these programs include probability, logical reasoning, spatial awareness, co-ordinates, square number, turning, reflection symmetry, stretching and enlargement. Maths with a Story computer programs were first published by the BBC to accompany their schools radio series of the same title. This version retains all the essentials of the original.

6-14+

Maths with a story 2

Smith, Peter

London: BBC Enterprises / Longman-Logotron
1989

BBC B; BBC B+; BBC Master 128; £22.00

1 disk; 1 booklet

Mathematics; Geometry; Infant school

education; Primary education; Adventure simulation;

0563211458

The programs provide children with an extensive series of exercises in probability, problem solving, logical thinking and symmetry by allowing them to explore different combinations of material with each program. RML versions of this program are available from ILECC/ILEA

6-10

Maths 9-13

Wisbech, Cambridgeshire: esm

198-

BBC B; BBC B+; BBC Master 128; individual pack £22.50; class pack £45.00; school pack £67.50

Disk

Mathematics; Puzzles; Problem solving; Simulation; Computer games; Primary education; Secondary education

13 programs to help children grasp concepts of fractions, decimals, probability, triangles, remainders, shape, symmetry, shortest routes, number series and Pascal's triangle. Also contained in Primary software box and Secondary software box.

BBC 5.25" disk

9-13

Mathspack

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128 (DFS or ADFS); Electron (BBC DFS or ADFS); £19.50 Master Compact; £21.70 Acorn Archimedes; £29.50

Disk

Computer studies; Mathematics; Desktop publishing; Computer graphics; Secondary education; Sixth form education; Further education

Contains 241 mathematical and scientific symbols for use with Pixel perfect, allowing design of all levels of mathematical documents. Contains a complete Greek alphabet.

Only specify 80t if you cannot use 40t disks

Mathspack 1

Street: Selective Software

198-

BBC B; BBC B+; BBC Master 128; £11.00 Electron Master Compact; £13.00

Disk

Mathematics; Primary education; Secondary education

A combination first co-ordinates and plotting pack. Contents: Co-ordinates (practises/reinforces use of co-ordinates by giving a range of hidden patterns to be found on the grid; with teacher choice of options); Plotter (a plotting program, with teacher option to select grid size including negatives, with four options for use).

BBC B 5.25" 40 or 80t disk; BBC Master Compact 3.5" disk.

10-15

Math1

See: Educational 1 and Educational 2

Math2

See: Educational 1 and Educational 2

Matrices

Chepstow: AVP Computing

1198-

EBBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £17.50 BBC Master Compact; £19.70 Acorn Archimedes; £24.50

EDisk

Algebra; Secondary education; Sixth form education; Further education

33 teaching/testing/revision programs dealing with order, addition, subtraction and multiplication of matrices; finding the inverse of two by two matrices; and questioning routines

Only specify 80t if you cannot use 40t disks

114+

Matrix

SCET

Glasgow: Scetlander

11990

IBBC B; BBC B+; BBC Master 128; £17.50

IDisk; Concept keyboard overlays

Computer games; Preschool education; Primary education; Special educational needs

SI855721023

Children learn to focus on more than one characteristic at a time in order to make effective conceptual discriminations. This program may be used with a Touch Screen or Concept Keyboard. The program adjusts the level of challenge automatically according to the child's responses

4-14

Maze

See: Acornsoft hits 1

Maze

See: Oxo, Battle, Maze, Pairs, Toybox.

Maze

See: Programming step by step

Maze Island

See: Multiple switch programs

Mazemaster

Glasgow: Scetlander

BBC B; BBC B+; BBC Master 128; £15.00 Acorn Archimedes; £15.00 IBM PC (3.5" disk); £28.95 IBM PC (5.25" disk); £25.00

Disk; teacher material; 20 assignments; audio cassette

English; Cross curriculum; Primary education; Secondary education; Sixth form education; Further education; Adventure simulation; Computer games; Content free programs; Computer graphics

1855720493

A content-free adventure game with a simple, comprehensive editor to allow teachers to create

relevant scenarios - includes English exemplar. Involves much collaborative work as well as individual assignments.

BBC 5.25" disk; Acorn Archimedes 3.5" disk; IBM PC 5.25" or 3.5" disk

8-18

Mazes

Lancaster: Syndicate Software

BBC B; BBC B+; BBC Master; £9.95

Disk; concept keypad overlay

Special educational needs; Primary education; Secondary education; Puzzles; Problem solving

A set of Maze programs in which the pupil is shown how to move a racing car around the screen and then has to solve a maze problem (from 5 easy or 10 harder mazes)

40t disk; compatible with 128-key concept keypad (please specify whether A3 or A4 overlay required)

5+

Mazey man

See: Arcade 3

McCad EDS-1

Ruislip: Desktop Engineering Systems

198-

McCAD EDS

Apple Macintosh; £1,495.00

Disk

Computer assisted design; Design; Craft, design, technology; Engineering; Electronics; Utilities

A powerful tool allowing user to create and revise electronic circuit designs. Can be purchased either as a stand-alone component, or as part of the McCAD EDS package.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

McCad Gerber Translator

Ruislip: Desktop Engineering Systems

198-

McCAD EDS

Apple Macintosh; £155.00

Disk

Computer assisted design; Design; Craft, design, technology; Engineering; Electronics; Utilities

A tool for converting McCAD databases into standard Gerber format for photoplotting. Can be purchased either as a stand-alone component, or as part of the McCAD EDS package.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

McCad Gerber View

Ruislip: Desktop Engineering Systems

198-

McCAD EDS

Apple Macintosh; £799.00

Disk

Computer assisted design; Design; Craft, design, technology; Engineering; Electronics; Utilities

A tool to convert Gerber files from other systems

into the McCAD PCB-1 database. Can be purchased either as a stand-alone component, or as part of the McCAD EDS package.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

McCad PCB-ST

Ruislip: Desktop Engineering Systems

198-

Apple Macintosh; £995.00

Disk

Computer assisted design; Design; Craft, design, technology; Engineering; Electronics; Utilities

A high-end circuit board design program. Can be purchased either as a stand-alone component, or as part of the McCAD EDS package.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

McCad PCB-1

Ruislip: Desktop Engineering Systems

198-

McCAD EDS

Apple Macintosh; £495.00

Disk

Computer assisted design; Design; Craft, design, technology; Engineering; Electronics; Utilities

A tool allowing user to design and circuit board layouts. Can be purchased as a stand-alone component, or as part of the McCAD EDS package.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

McCad Schematics

Ruislip: Desktop Engineering Systems

198-

Apple Macintosh; £495.00

Disk

Computer assisted design; Design; Craft, design, technology; Engineering; Electronics; Utilities

A package for schematic capture. Can be purchased either as a stand-alone component, or as part of the McCAD EDS package.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

McGinty's gold

Glasgow: Collins Educational; Holmes McDougall Educational Publishing

198-

Adventures in English

BBC; £29.50

Disk; documentation; spiritmaster worksheets

English; Reading skills; Art; Craft, design, technology; Cross curriculum; Primary education; Secondary education; Computer games

071572522X

Directly related to the English Alive programme. Develops listening, speaking, reference, comprehension and higher-order reading skills, giving practice in searching for information, interpretation and reasoning, as

pupils use an investigative journalist approach to trace gold bullion.

10-13

MCSIMM

Hearnshaw, D.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1985

BBC B; £5.00

Disk

Computer studies; Secondary education; Simulation; Computer programming

Machine code simulator for demonstration and practical exercises, teaching about binary registers and Fetch/Execute cycle.

Measure and tell : primary package

Clwyd: Clwyd Technics Ltd

198-

BBC B; BBC B+; BBC Master; £49.95

Disk; wall chart; 2 thermometers; keyboard overlay; user guide; help cards; story book; badges and certificates; activity cards; audio tape; record sheet; ideas sheet; teacher curriculum approaches guide

Sciences; Mathematics; Physics; Primary education; Special educational needs

A complete courseware package for investigating temperature change and measurement, designed to encourage practical investigation. Offers total teacher flexibility. Probes available separately - £29.95

Please specify whether 40t or 80t disk required. Prints to Epson FX range; Epson MX82 type III; Brother Epson Compatibles and Micro-peripherals MP165. Can be used with DE Talker speech chip to create a talking thermometer

5-11

Measure and tell : secondary package

Clwyd: Clwyd Technics Ltd

198-

BBC B; BBC B+; BBC Master; £44.95

Disk; wall chart; 2 thermometers; keyboard overlay; user guide; help cards; story book; badges and certificates; activity cards; audio tape; record sheet; ideas sheet; teacher curriculum approaches guide

Sciences; Mathematics; Physics; Secondary education; Special educational needs

A complete courseware package for investigating temperature change and measurement, designed as a tool in exploring temperature change and measurement investigations. Offers total teacher flexibility. Probes available separately - £29.95

Please specify whether 40t or 80t disk required. Prints to Epson FX range; Epson MX82 type III; Brother Epson Compatibles and Micro-peripherals MP165. Can be used with DE Talker speech chip to create a talking thermometer

11-16+

Measurer

Argles, David

Sholing, Southampton: Blake Electro-Production Ltd.; Haven

1987

BBC B; BBC Master; £33.00

Disk; interface; set of measuring devices; documentation

Control technology

A fully protected interface for the analogue port of the BBC. Disk contains demonstration programs showing how the package can be used to measure temperature, rotational position, light intensity, rotational speed. Includes simple graph-drawing program. Bulk purchase discounts available - details from publishers.

Measuring

See: Science in process : pack 1

Measuring length

Neville, R.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1984

BBC B; £7.00

Disk

Physics; Sciences; Secondary education

Three part program explaining (with tests) how to use a ruler, Vernier callipers and micrometer.

Measuring price elasticity

See: Microeconomics pack 1

Measuring temperature, volume and mass

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £19.50 BBC Master Compact; £21.70 Acorn Archimedes; IBM PC and compatibles; RM Nimbus; £24.50 RM Nimbus network; (up to 16 machines) £45.00; (up to 48 machines) £65.00 Econet; £58.50

Disk

Physics; Secondary education; Computer graphics

Programs provide practice in reading a thermometer, a measuring cylinder and a balance. The section on volume covers determining the volume of objects by displacement

Only specify 80t if you cannot use 40t disks

14+

Mechanics and electricity

Longbridge Deverill, Warminster: Soft Teach Educational

198-

PhysiCATsoft programs

BBC B; BBC B+; BBC Master 128; £20.00 Acorn Archimedes; £22.50 Network; £40.00

Disk; manual; circuit diagram

Sciences; Physics; Secondary education; Computer graphics

0948808357

Covers: Dynamics ($F=M.a$ Linear-Horizontal; $F=M.a$ Circular path; $F=M.a$ Forces on slope; Rocket - Vertical; "g" by freefall (requires hardware - circuit diagram provided)); electricity and magnetism (DC motor); Kinetics (Vector addition); Measurement (Micrometer screw gauge; Vernier calipers). Bulk purchase discount available.

BBC 5.25" disk; Archimedes 3.5" disk
11-18

Medieval people

See : Change and continuity

Medieval war and peace

Studley: LTS (Learning and Training Systems)
198-

BBC B; BBC Master; BBC Master Compact; RM Nimbus; Acorn Archimedes; (disk or network); £24.95

Disk

History; Puzzles; Problem solving; Primary education; Secondary education; Simulation

Simulation of life in the Middle Ages involving pupils in the roles of Yeoman through to Knight, coping with problems and taking decisions on which the prosperity of their family depends.

Network software on 80t DFS with transfer instructions. For stand alone software, please specify format required.

8-16

Medusa guides to the View family : four packages

Newport, Lincoln: MEDUSA

198-

BBC B; BBC B+; BBC Master; £10.00

Disk; teacher notes; worksheets

Computer studies; Business education; Information handling; Word processing; Databases; Spreadsheets; Computer graphics; General Certificate of Secondary Education

4 guides providing easy to follow instructions on the use of the Acornsoft View business applications software - View wordprocessor; Viewstore database; Viewsheet spreadsheet and Viewplot graphics package.

11+

Mega maths

Henley-on-Thames: LCL

198-

BBC B; BBC B+; BBC Master; BBC Master Compact; Acorn Archimedes; Amstrad CPC; Electron; IBM PC compatible - PC200, PPC; Atari ST; £24.00

Disk/tape; 2 books

Mathematics; Algebra; Geometry; Secondary education; Sixth form education; Further education; A level examinations; Computer Graphics

A 24 program self-tuition/revision course on 16 topics, teaching and testing Pure Maths topics in a step-by-step method and testing Applied maths topics. Ranges from simple topics such as permutations and straight line Geometry, to integration, covering Calculus from start to finish. If purchasing other programs, special offer of £5.00 off total for 2 courses; £10 off for 3; £17.00 off for 4

Tape/40/80t disk/3.5" disk (please specify)
16+

Megamix

Carlson, Paul

Leamington Spa: SPA (Software Production Associates)

198-
RML 480Z; £15.00 RML 480Z Network; £39.00
1 disk
Life skills; Infant school education; Primary education; Computer games
Contents: Planet lander (spacecraft flying); Power cycle (motorcycle race); and Make Four (counter game).
5-11

Melogo

Williams; Anne; Williams, Ray
Oldham: NCET/MESU, North west SEMERC
198-
Blue file
BBC B; £3.00
40t; 1 disk; 1 documentation leaflet; 1 A3 concept keyboard overlay; 1 A4 concept keyboard overlay
Special educational needs; Primary education
Enables a single or double switch user to select Logo commands from a scanning menu. New menus of commands can be created and scanning rates can be altered. It can be used with the Jessop parallel and Valiant series turtles. It includes "Melstreet" in which the user can draw a plan of where he or she lives. Freely copiable for educational use in the UK.

Memory

See: Educational 2

Memory

See: Picture gallery suite

Memory

See: Russian word games

Memory doors

See: Touch games 1

Menstruation and pregnancy

Netherhall Educational Software
Cambridge: Cambridge Micro Software
198-
BBC+; BBC Master; £25.00
1 disk (40t/80t); 1 teacher's handbook
Biology; Personal and social education; Secondary education; Further education; Simulation
0521329930

Menstrual cycle patterns and their interruption by conception and pregnancy; pattern of main stages in pregnancy and birth.

Mental maps

St. Just: MJP (Michael Jay Publications)
198-
BBC B; BBC B+; BBC Master; £14.95 RML Nimbus; details from publishers
Disk
Geography; Databases; A Level Examinations; Sixth form education; Further education
Allows a variety of maps to be constructed using

compass bearings away from a point of origin and a distance factor which can be linear - true distance, travel time, cost of travel, etc. - or logarithmic. Useful for measuring information fields and in class demonstrations of the relationship between true, actual and perceived distances.

BBC 40t disk unless otherwise requested.
16+

Menu cost

Chepstow: AVP Computing
198-
BBC B; BBC B+; BBC Master 128; Econet; £220.00
Disk; user manual
Home economics; Secondary education; Sixth form education; Further education
Additional programs and files for use with Menu Master. Costs recipes and menus from Menu Master 2, 3, 4 data. Lecturer's module allows control of the master ingredient price file and facilities. Includes example price file
Only specify 80t if you cannot use 40t disks
16-19

Menu generator

See: Teacher's pet

Menu master

Chepstow: AVP Computing
198-
BBC B; BBC B+; BBC Master 128; Econet; £220.00
Disk; user manual
Home economics; Nutrition; Secondary education; Sixth form education; Further education
A sophisticated menu planner and recipe file in five modules. Module 1 (a simple menu planner); Modules 2,3 (English, French, recipes from Practical Cookery by Ceserani & Kinton); Module 4 (user's own recipes); Module 5 (lecturer support).
Only specify 80t if you cannot use 40t disks.
Printer essential
16-19

Menu-maker

Murphy, R.
Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)
1987
BBC B; £5.00
Disk
Utilities
Give disks a structured menu (subjects-topics-programs) with this self-editing program.
Ideal for networks and double-sided disks.

MEP GAPE project : geography programs

Walker, David; Midgley, Howard
London; Sheffield: Hutchinson Software; Geographical Association
1984
BBC B; RML 380Z; £25

Educational Software MEL - MER

1 disk or cassette; 1 teacher's guide; 1 student's guide

Geography; Environmental education; Secondary education; Simulation; Computer games
0091583802

Contents: Transport networks; The path of a water droplet; Water budget game; Coastal erosion processes; Slope measurement; Slopes; Settlements; Urban land use.

BBC disk or cassette; RML 380Z disk
11-18

Merchant of Venice

London: Sussex Publications Ltd; World Microfilms
198-
Shakespeare on disk
IBM PC and compatibles; RM Nimbus; £25.00
Disk; manual
English; English literature; Secondary education; Sixth form education; General Certificate of Secondary Education; A level examinations
ASCII text file, allowing MS DOS word processors to be used to perform analyses of the Merchant of Venice; scan the entire play for keywords; compare vocabulary and speeches among several plays; prepare tests; print out dramatic scripts with comments and stage directions; print copies of the plays and selected passages; add comments, notes, critical opinion etc. into the text
11+

Merlin's castle

Wisbech, Cambridgeshire: esm
198-
BBC B; BBC B+; BBC Master 128; BBC Master Compact; £19.95
Disk
Adventure simulation; Computer games; Language; Reading skills; Primary education; Secondary education
Encourages group discussion and collaborative learning through talking, strategy planning, drama and painting, while overcoming hazards to find and take home treasures hidden in Merlin's castle. Contained in Box of adventures.
BBC 5.25" disk; Compact 3.5" disk
8-13

Merlin's castle

See: Adventures

Merlin's magic shop

Delmonte, E.J.
Ashton-under-Lyne: Granada Educational Software
1989
BBC; RML 480Z; £25.00
Disk; support materials
Language; English; Creative writing; Primary education
Encourages creative story writing.
Disk (5.25")
7-11

Merry-go

See: Basic package

Mesh

See: WSS biology pack 3

Metabolic pathways

See: Biochemistry and plant physiology pack

Metabolism

See: Human biology. 4: The digestive system. Metabolism

Metal

See: Equilibrium and crystal structures

Meteorology data pack

Duncan, Charles

Harlow: Longman Micro Software
1988

BBC B; BBC B+; BBC Master 128; Acorn Archimedes; £50.00 BBC Econet levels 2 & 3; SJ file server; AMCOM E-Net; £60.00

Disks; 1 leaflet; Notes for teachers; Students' workbook; 2 booklets; 1 journal

Geography; Secondary education; Sixth form education; Further education
1582013240

Provides large quantities of raw meteorological data to illustrate such topics as fronts, anticyclones, depressions, weather observations. Includes 4 different weather situations over a 3 day period, showing details of weather at individual stations, changes over time, distributions over space.

BBC 40t, 5.25" DFS disk; BBC 80t, 5.25" disk; Archimedes compatible 3.5" disk

16-18

Meteors

See: Acornsoft hits 2

Metmaps

Rayner, David A.

Plymouth: Garland Computing
1986

BBC B; BBC B+; BBC Master 128; £13.85 RM Nimbus; Acorn Archimedes; £16.30 Nimbus network; £33.95 Econet; £31.50

Disk

Geography; Secondary education; Sixth form education; Further education; Simulation

Draws simulated weather maps of the British Isles, Northern Europe and Scandinavia, allowing weather conditions at 3 major cities to be studied during a 24 hour period. Direction of movement of the pressure systems may be altered. Site licences, multiple copy discounts available; details from publishers

BBC 40 or 80t (please specify). RM Nimbus versions supplied with BBC-BASIC

13+

Metro

See: Codehunt, Metro, Reversi, Fours, Snakes and ladders

MGM station CAD

Princes Risborough: System 3R (UK) Ltd.

198-

Apple Macintosh; £962.85 (black and white); £1,309.10 (colour)

Disk

Computer assisted design; Design; Craft, design, technology; Engineering; Utilities

A totally integrated CAD/CAM product. Features include full-function, two-axis design and drafting package, incorporating many geometric tools for part development in design and drafting mode; pull-down menus; flexible grids; filleting; chamfering; hatching; duplication; translation and rotation; scaling and mirroring; zooming and panning; self-trimming tangent lines; user-definable symbol library.

Requires Macintosh II.

Mickey

See: Basic package

Mickey's magic mixture

Street: Selective Software

198-

BBC B; BBC B+; BBC Master 128; £12.00 BBC Master Compact; £14.00

Disk; Teacher notes; Worksheets

Mathematics; Primary education; Secondary education; Computer graphics

An amusing, demanding, four-part text-based mathematical adventure, ideal for extending calculator work, involving problems of time, capacity, money, number, magic-squares; logic games and group decision making, as children guide Mickey around the house searching for a magic mixture to cure his very awkward Grandma.

BBC B 5.25" 40 or 80t disk; BBC Master Compact 3.5" disk.

8-15

Micky's alphabet

Pryke-Smith, M.

Ashton-under-Lyne: Granada Educational Software

1989

BBC; £8.50

Disk

Language; English; Reading skills; Infant school education; Primary education

A simple program which gives practice in letter recognition and alphabetical sequence.

Disk (5.25")

5-7

Micro data

Chepstow: AVP Computing

198-

BBC Master 128; £19.50

Disk

Business education; Secondary education; Sixth form education; Further education; Spreadsheets; Databases

An icon driven desktop mini-office, comprising a spreadsheet, database and charts section, all fully integrated. Written in machine code, utilising a large number of BASIC ROM routines, the machine produces high performance calculation and data manipulation

Only specify 80t if you cannot use 40t disks
13+**Micro doors : the key to careers information**

Sheffield: COIC Software

198-

BBC B; BBC B+; BBC Master 128; Master Compact; Archimedes; RM Nimbus. Charges vary according to number of sites within a licence group e.g. £400.00 for one site; £1,000 for 3-10 sites.

Disk

Careers

A comprehensive occupational information database providing job information and suggestions; printouts, and including openDOORS (an option for the inexperienced user)

BBC B, B+, Master 128 (40t disks); Master Compact; Archimedes (3.5" disks); Nimbus (3.5" 720k). 40 or 80 track drive and colour monitor essential; parallel printer advisable. 5.25" disk versions run under DFS operating system. Requires approx. 7-8 megabytes of hard disk (Winchester) storage capacity, one floppy drive and 256K RAM.

Micro English

Henley-on-Thames: LCL

198-

BBC B; BBC B+; BBC Master; BBC Master Compact; Acorn Archimedes; IBM PC compatibles; Amstrad CPC; Amstrad CPW; Electron; £24.00

Disk/tape; 2 books

English; Language; English (second language); Secondary education; General Certificate of Secondary education

A 24 program self-tuition/revision course, adhering closely to the GCSE exam, emphasising the rules of English and their application in practice, in either normal or multiple-choice questions. Covers punctuation; elementary and advanced spelling; vocabulary tests; figures of speech and arrangement; commonly confused words; irregular plurals; word reduction for summaries; 8 passages for summarising; 8 comprehension tests. If purchasing other courses, special offer of £5.00 off total for 2 courses; £10 off for 3; £17.00 off for 4

Tape/disk/3.5" disk (please specify). BBC version Econet compatible

12-15

Micro French

Henley-on-Thames: LCL

198-

BBC B; BBC B+; BBC Master; BBC Master Compact; Acorn Archimedes; IBM PC compatibles - PC200; PPC, Atari ST; £24.00

Disk/tape; 2 books

French; Secondary education; General Certificate of Secondary education; Computer graphics

A 24 program self-tuition/revision course, emphasising practical French, using passages from newspapers and signs found in France, teaching how to speak French through real speech incorporated in the programs. Includes cartoon-style graphics; sophisticated error handling. Covers pronunciation; colours; articles; er, ir and re verbs, French wordsearch; learning by pictures, signs; OIR verbs; plurals; time; graphics adventure game; oral exam;

commands; adjectives; future tense; dictation; perfect tense; imperfect tense; opposites; 2 comprehension tests; direct object pronouns. If purchasing other courses, special offer of £5.00 off total for 2 courses; £10 off for 3; £17.00 off for 4

Tape/disk/3.5" disk (please specify). Econet compatible.

12-15

Micro map 1

Loughborough primary project

Harlow: Longman Micro Software

Micro map 1 and 2

BBC B; BBC B+; BBC Master 128; £30.00

Disk; colour wall map; Pupil map; Truffitt angle indicator; worksheets

Geography; Primary education; Secondary education

Gives practice with grid references, reading features, scale and distance, and compass points based on the imaginary but realistic area of Ferndale. Available in Micro Map 1 and 2 pack.

BBC 40t, 5.25" DFS disk

8-14

Micro map 1 and 2

Loughborough primary project

Harlow: Longman Micro Software

BBC B; BBC B+; BBC Master 128; £45.00

Disk; colour wall maps; Pupil maps; Truffitt angle indicators; worksheets

Geography; Primary education; Secondary education

Contents: Micro map 1 (gives practice with grid references, reading features, scale and distance, and compass points); Micro map 2 (provides more advanced work on direction, location and distance, and also bearing and triangulation practice). Both programs available separately

BBC 40t, 5.25" DFS disk

8-14

Micro map 2

Loughborough primary project

Harlow: Longman Micro Software

Micro map 1 and 2

BBC B; BBC B+; BBC Master 128; £30.00

Disk; colour wall map; Pupil map; Truffitt angle indicator; worksheets

Geography; Primary education; Secondary education

Provides more advanced work on direction, location and distance, and also bearing and triangulation practice, based on the imaginary but realistic area of Ferndale. Available in Micro map 1 and 2 pack.

BBC 40t, 5.25" DFS disk

8-14

Micro maths

Henley-on-Thames: LCL

198-

BBC B; BBC B+; BBC Master; BBC Master Compact; Acorn Archimedes; Amstrad CPC; Amstrad PCW; IBM PC compatible - PC200, PPC; Electron; Spectrum; C64; Atari ST; £24.00

Disk/tape; 2 books

Mathematics; Algebra; Geometry; Secondary

education; Special educational needs; General Certificate of Secondary Education

A 24 program self-tuition/revision course covering 59 topics common to all examining boards, including percentages and fractions; averages; histograms; ratio and proportion; changing bases of numbers; operations on number in different bases; polygon properties; Algebraic equations; simplification in algebra; simple and compound interest; solution of triangles using sine and cosine formulae; profit and loss; similar triangles; geometry of circle and its chords; statistics; Pythagoras theorem; trigonometry; factorisation of algebraic equations; graphs; simultaneous equations; indices in Algebra; vectors; matrices and calculus. If purchasing other courses, special offer of £5.00 off total for 2 courses; £10 off for 3; £17.00 off for 4

Tape/disk/3.5" disk (please specify). BBC version Econet compatible

12-15

Micro planner 6.0

Westbury-on-Trym, Bristol: Micro Planning International Ltd.

198-

Apple Macintosh; £500.00 (Pack of 1 Micro Planner plus 5 networked copies); £250.00 each additional pack

Disk

Business education

A management tool providing critical path analysis for projects; resource and progress management capabilities; exception management reporting or troubleshooting; PERT logic diagrams; Gantt timescaled bar charts; six multiple calendars which can be designated for 5, 6, or 7 day weeks; file transfer capabilities including conversion of MacProject files.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Micro stories

Jones, Josephine

London: Wida Software Ltd

1983

BBC B; BBC B+; BBC Master; Apple; £20.00 MS DOS; £38.00 BBC Econet Level 2/3; £40.00

Disk; audio cassette

English; English (second language); Language; Primary education; Secondary education

24 stories - learners can construct them from scratch with Storyboard; delete every nth word with Clozemaster, or type them in from the tape with Dictation. MS DOS version has Storyboard and Gapmaster activities only.

BBC 40/80t; programs convertible by user for Master Compact. MS/DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1MB memory & IBMulator. Apple II+, IIe, IIc and IIgs, under DOS 3.3. Programs convertible to PRODOS by user

8-15

Micro verse

Jones, Josephine

London: Wida Software Ltd

1983

BBC B; BBC B+; BBC Master; Apple; £20.00 MS DOS; £27.50 BBC Econet Level 2/3; £40.00

Disk; audio cassette

English; English (second language); Language; Primary education; Secondary education

24 poems - learners can reconstruct them from scratch with Storyboard; delete every nth word with Clozemaster or type them in from tape with Dictation. MS DOS version has Storyboard and Gapmaster activities only

BBC 40/80t; programs convertible by user for Master Compact. MS/DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1MB memory & IBMulator. Apple II+, IIe, IIc and IIgs, under DOS 3.3. Programs convertible to PRODOS by user

8-15

Microbugs

Hosler, Simon

Sherston: Sherston Software

1989

BBC B; BBC B+; BBC Master 128; BBC Master Compact; Acorn Archimedes; Acorn A3000; (single pack) £27.50 BBC B; BBC B+; BBC Master 128; BBC Master Compact; Acorn Archimedes; Acorn A3000; (small lab pack) £55.00 BBC B; BBC B+; BBC Master 128; BBC Master Compact; Acorn Archimedes; Acorn A3000; (large lab pack) £82.50 BBC Econet; £59.00

Single pack: 2 disks; 1 children's book; 1 teacher's book; concept keyboard overlays (A3,A4); 9 workcards; National curriculum flowchart Small lab pack: 1 copy of full pack plus 5 extra copies of disks Large lab pack: 2 copies of full pack plus 10 extra copies of disks

Computer studies; Puzzles; Problem solving; Primary education; Secondary education; Adventure simulation; Computer graphics

An information technology adventure in which children use the "circuit diagrams" supplied to enter the world of computers in search of the microbugs which cause the computer to break down. Various difficulty levels.

BBC 40t 5.25" DFS; BBC 80t 5.25" DFS; BBC Compact 3.5" ADFS disk. 3.5" DFS and 5.25" ADFS disks also available. Compatible with concept keyboard and switching devices.

9-14

MicroCODIL

Tring: CODIL Language Systems Limited

198-

BBC B; BBC B+; BBC Master; Master Compact; Acorn Archimedes; £50.00 (s/s disks - £60.00) Econet; £70.00

Disk; manual

Databases; Information handling; Cross curriculum; Primary education; Secondary education; Sixth form education; Further education; Adult education; Puzzles; Problem solving

An expert aid for teaching information technology. Includes knowledge bases (Birds; Bogbug; Crisis; Devon; Prison; French; Invent; Kings; Music; Price; Quest; Solids); knowledge base shells allowing user to create new knowledge bases; and problem solving examples.

State 40/80t, single/double sided, DFS/ADFS when ordering. Torch version requires BBC board; Archimedes in emulation mode. Will run on 6502 second processors and Master Tyurbo computers. Econet version may be run successfully on other network systems.

MicroCODIL history project disk

Tring: CODIL Language Systems Limited
198-

BBC B; BBC B+; BBC Master; Master Compact;
Acorn Archimedes; £10.00

Disk; manual

Databases; Information handling; Cross curriculum; History; Primary education; Secondary education; Sixth form education; Further education; Adult education; Puzzles; Problem solving

A supplementary disk for use with MicroCODIL, designed to show how pupils can set up a knowledge base describing the history of any subject of local interest. Disk includes sample working knowledge base detailing a group of 19th century farmers and farms from the village of Sandridge, Herts, with information from parish registers, census returns, list of parish officers, trade directories, maps, land tax, poll books, wills, etc.

Microcomputer assisted profiling

Capital Media

London: Capital Media

1986

BBC B; £10.00

Disk

Databases; Schools; Recording keeping; Educational administration; Authoring aids

A generic package, allowing schools etc. to design and produce their own student achievement profiles.

BBC 40t s/s, s/d disk

Microconcord

Johns, Tim; Hardisty, David; Jordan, Geoff

Oxford: OUP (Oxford University Press)

1990

Oxford English CALL Software

IBM PC and compatibles; c £75.00

Disk; documentation

English; Language

0194583228 (disk); 0194583295 (handbook)

A concordance program for the language learner/teacher, allowing user to study the uses, collocations and meanings of words and the structure of language. Allows words to be searched and sorted in contexts which can be specified up to 3 words to the left or right of the keyword; offers choice of first, second and third priority specifications. Can analyse any computer readable text in straight ASCII files. Corpora disks available with text of 50-60,000 words. Handbook available (£5.95) which gives full background to use of concordancing in language study and offering methodology for concordances in language teaching and learning

Microconcord Corpus 1

Johns, Tim; Hardisty, David; Jordan, Geoff; Trackman, Ian

Oxford: OUP (Oxford University Press)

1990

Oxford English CALL software

IBM PC and compatibles; c £50.00

Disk; documentation

English; Language

0194583244

Texts for use with Microconcord

Microconcord Corpus 2

Johns, Tim; Hardisty, David; Jordan, Geoff; Trackman, Ian

Oxford: OUP (Oxford University Press)

1990

Oxford English CALL software

IBM PC and compatibles; c £50.00

Disk; documentation

English; Language

0194583260

Texts for use with Microconcord

Microconcord Corpus 3

Johns, Tim; Hardisty, David; Jordan, Geoff; Trackman, Ian

Oxford: OUP (Oxford University Press)

1990

Oxford English CALL software

IBM PC and compatibles; c £50.00

Disk; documentation

English; Language

0194583287

Texts for use with Microconcord

Microdiet

Advisory Unit; Hodgkinson, Dodie

Harlow: Longman/Logotron

1984

BBC B; BBC B+; BBC Master 128; £33.00 BBC Econet levels 2 & 3; SJ file server; AMCOM E-Net; £99.00

2 disks; students' handbook; program notes; 6 worksheets

Home economics; Biology; Secondary education; Sixth form education; Further education; Databases

0582267587

A database which provides for 4 main analyses of foods - amounts of 29 nutrients in each food chosen; cost per 100g of nutrient supplied by a given food; comparison of actual nutrients intake from given foods with DHSS recommended daily requirements; amount of selected nutrient in any given food.

BBC 40t, 5.25" DFS; BBC 80t, 5.25" disk
14-19

Microeconomics pack 1

Harlow: Longman Micro Software

198-

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; Acorn Archimedes; £25.00 BBC Econet; SJ file server; AMCOM E-Net; RM Nimbus/Network; £35.00

Disk

Economics; Secondary education; Sixth form education; Further education; Simulation

Contents: Measuring price elasticity (role play simulation covering the concept of price elasticity and calculation of elasticity coefficients); Wage theory (marginal revenue productivity theory of wages applied to different labour markets).

BBC 40t, 5.25" DFS disk; BBC 80t, 5.25" disk; Archimedes compatible 3.5" disk; Nimbus/Network 3.5" disk

16-19

Microeconomics pack 2

Harlow: Longman Micro Software
198-

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; Acorn Archimedes; £25.00 BBC Econet; SJ file server; AMCOM E-Net; RM Nimbus/Network; £35.00

Disk

Economics; Secondary education; Sixth form education; Further education; Simulation; Computer games

Contents: Price discrimination (simulation of marketing a new car, illustrating theory of price discrimination); Equi-marginal utility (game relating marginal utility to how people usually behave when arranging their spending.)

BBC 40t, 5.25" DFS disk; BBC 80t, 5.25" disk; Archimedes compatible 3.5" disk; Nimbus/Network 3.5" disk

16-19

Micromike

RCEVH (Research Centre for the Education of the Visually Handicapped)

Oldham: Northwest SEMERC

198-

BBC B; BBC B+; BBC Master 128; IBM PC; RML Nimbus; £7.00

Disk

Special educational needs; Life skills; Infant school education; Primary education; Secondary education

6 programs for the multi-handicapped with sight, to encourage them to make sounds of varying volume and to see the effects of these sounds on the screen as colours change and move.

Requires Micromike. IBM requires SNIC card; RML Nimbus requires Piconet parallel port.

5+

Micromike olympics

Lancaster: MARDIS

198-

£7.50

Disk

Special educational needs; Computer games

Offers a total of 8 events to be played using a micromike (running; swimming; shot put; cycling; long jump; horse racing; high jump; archery) - encouraging blowing or vocalising as much as possible in order to succeed in the events. Appropriate for all ages; options allow a wide variety of ability groups to take part together. Includes results table for each event. Print facility

MicroPhone 1

London: Computer Unlimited

198-

Apple Macintosh; £149.00

Disk

Communication; Utilities

A reduced function version of MicroPhone II.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

MicroPhone 2

London: Computer Unlimited

198-

Apple Macintosh; £249.00

Disk

Communication; Utilities

An advanced telecommunications package, providing emulation of VT512 and VT102 terminals; includes full-featured scripting facilities; allows complete user control of all modems and digital PBXs; can implement ASCII text, XModem batch, Fast YModem, Kermit, MacTerminal and MacBinary II transfer protocols.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Micropitch

Glasgow: Collins Educational; Holmes McDougall Educational Publishing

198-

BBC; £31.95

Disk; worksheets

Music; Infant school education; Primary education; Secondary education

0715725300

Introduces musical concepts, develops aural awareness. Can be used alongside any musical instruments. Features 7 programs covering different levels of difficulty; allows children to work at their own pace individually or in groups.

5+

Microprimer software : pack 2

Loughborough: Tecmedia

198-

Disk

Mathematics; English; Primary education; Secondary education

Contents: Vennman; Venkids; Shape; Gates; Trains; Snap; Eureka (graph sketching and interpretation and story telling exercises based on a cartoon and graph of changes to the water level in a bath when taps are turned on/off, the plug is put in/out, and a man gets in/out).

Microprimer software : pack 3

Loughborough: Tecmedia

198-

Disk

Mathematics; Art; Craft, design, technology; Puzzles; Problem solving; Primary education; Secondary education

Contents: Watch person; Spanish main; Cat and mouse; Brick up; Ergo (a number pattern problem solving game); Build (creates perspective drawings of 3-D structures of cube-shaped bricks); More or less

Microprocessor tutor

See: MIKE : microprocessor tutor and switching logic

Micros in business

Cambridge: Acornsoft

BBC B; BBC B+; BBC Master 128; BBC Master Compact; £43.43

Disk; booklet

Business education; Word processing; Spreadsheets; Secondary education; Sixth form education; Further education

Demonstrates the uses of a microcomputer in a business environment. Includes examples of word processing and spreadsheets, an electronic diary and personnel demonstrations.

40t/80t disk

12-16+

Micros in schools P(540): an awareness pack for teachers

Milton Keynes: Open University

198-

Disk; study guide; project book; case studies

Mathematics; English; Primary education; Secondary education

Contents: Eureka (graph sketching and interpreting and story telling exercises based on a graph and a cartoon of changes to the level of water in a bath when taps are turned on/off; plug is put in/out; man gets in/out).

Micros in schools P(541): educational software

Milton Keynes: Open University

198-

Disk; study guide; audio cassette; video cassette; activities book

Mathematics; Puzzles; Problem solving; Primary education; Secondary education

Contents: Pirates (a 2/3D grid treasure hunt, involving a variety of mathematical activities).

8-18

Micros in the mathematics classroom

ITMA

Harlow: Longman Micro Software

198-

BBC B; BBC B+; BBC Master 128; £35.00 BBC Econet; SJ file server; AMCOM E-Net; RM Nimbus/Network; £45.00

2 disks; book

Mathematics; Secondary education; Computer games

Includes: Aspir (investigates polygons); Autofrac (displays equivalent fractions); Barset (handles sets of pictograms); Build (creates 3D perspective drawings); Counters (game - develops knowledge number bonds); Cwords (number names); Dicecoin (investigates probability); Directed (uses robot movements to teach addition, subtraction, directed numbers); Ergo (requires pupils to discover pattern/fill in numbers); Eureka (teaches graph interpretation); FGP (plots cartesian graphs of functions); Pirates (a treasure hunt); Snook (encourages hypotheses formation/testing); Subgame (competition to allocate digits to a subtraction sum); Tabcar (practises multiplication tables).

BBC 40t, 5.25" DFS disk; BBC 80t, 5.25" disk; RM Nimbus/Network 3.5" disk

11-16

Micros in the primary classroom : module 5

ITMA

Harlow: Longman Micro Software

198-

BBC B; BBC B+; BBC Master 128; £25.00 BBC Econet; SJ file server; AMCOM E-Net; £35.00

Educational Software MIC - MIC

Disk

English; Language; Puzzles; Problem solving; Primary education

An Inset pack aimed at the primary classroom teacher. Develops skills of logic, language, visualisation; problem solving. Includes programs Slyfox and Scene.

BBC 40t, 5.25" DFS disk; BBC 80t, 5.25" disk 7-11

Micros in the primary classroom : module 4

ITMA

Harlow: Longman Micro Software

198-

BBC B; BBC B+; BBC Master 128; £25.00 BBC Econet; SJ file server; AMCOM E-Net; RM Nimbus/Network; £35.00

Disk

Cross curriculum; Information handling; Content-free programs; Primary education

An Inset pack aimed at the primary classroom teacher. Contents: Seek (allows classification creation/examination of classification keys already written); Think (offers a different display of binary classification; and a wider selection of displaying subsets); Intree (allows user to create binary classification system).

BBC 40t, 5.25" DFS disk; BBC 80t, 5.25" disk; Nimbus/Network 3.5" disk

7-11

MicroSMILE 1 : the first 31

SMILE Centre

London: ILECC (Inner London Educational Computing Centre)

198-

RM Nimbus stand alone; £20.00; RM Nimbus network; £40.00 BBC B; BBC B+; BBC Master; RML 380; RML 480; RML network; £12.00

1 disk; 1 handbook; 1 leaflet

Mathematics; Primary education; Computer games

SMILE is a learning scheme for mathematics with over 1500 activities. The topics are : angles, coordinates, compass points, fractions, vectors, graphs, and many others. The aim is to encourage children to think mathematically.

7-14+

MicroSMILE 2 : the next 17

London: ILECC (Inner London Educational Computing Centre)

198-

RML 480Z; RML 380Z; RML network; BBC B; BBC B+; BBC Master; £12.00 RM Nimbus stand alone; £20.00; RM Nimbus network; £40.00

1 disk; 1 handbook

Mathematics; Geometry; Primary education; Secondary education

Continuing the first series, the next 17 programs cover topics such as place value, motion geometry, logic, decimals, fractions and graphs.

7-14

MicroSMILE 3 : 11 more

London: ILECC (Inner London Educational Computing Centre)

198-

BBC B; BBC B+; BBC Master; RML 380Z;

RML 480Z; £15.00 RM Nimbus stand alone;
£20.00; RM Nimbus network; £40.00

1 disk; 1 handbook

Mathematics; Geometry; Secondary education;
Primary education

The topics covered in this package include
motion geometry, graphs, logic, decimals and
place value.

7-16

Microsoft Basic compiler 6.0

Redmond, WA.: Microsoft Ltd

198-

IBM PC and compatibles; £90.00

Disk Lab 10 packs provide 10 disk sets with 5
sets of documentation

Computer studies; Programming languages;
Secondary education; Further education;
Utilities

Includes enhanced CodeView debugger and new
Microsoft Editor. Allows user to develop and
debug protected-mode applications
interactively. Facilities include user-defined
events, data types and records; customisable
runtime libraries; selective runtime library
linking. Arrays up to 128Mb under OS/2.
Includes QuickBASIC 4.0

Also runs in protected mode under the OS/2 as
well as under MS DOS/PC DOS. 5.25" disk; if
3.5" required, please specify when ordering

11-16+

Microsoft C compiler 5.1

Redmond, WA.: Microsoft Ltd

198-

IBM PC and compatibles; £124.00 IBM PC and
compatibles, Lab 10 pack; £690.00

Disk; manual Lab 10 packs provide 10 disk sets
with 5 sets of documentation

Computer studies; Programming languages;
Further education; Utilities

Provides full implementation of UNIX System
V language with ANSI features. Includes new
Microsoft Editor, enhanced CodeView debugger
and Microsoft QuickC. Programs up to 1MB.
Supports/emulates maths coprocessors. Creates
network applications with record and file
locking; multi-threaded programs and dynamic
link libraries. Includes 5 memory models. Links
to Microsoft FORTRAN, Pascal and Macro
Assembler. Source & object code compatible
with XENIX 286.

Also runs in protected mode under the OS/2 as
well as under MS DOS/PC DOS. 5.25" disk; if
3.5" required, please specify when ordering.

16+

Microsoft chart

Reading: Microsoft Ltd.

198-

Apple Macintosh; £95.00

Disk

Computer graphics

A graphics package allowing user to select from
42 pre-designed chart formats and 7 chart types,
to customise the chart to emphasize specific
points - e.g. add text, vary line patterns and fonts,
move and re-size legend, add arrows.

Works on current Macintosh systems with at
least 1Mb RAM; please check required
configuration.

Microsoft chart 3.0

Redmond, WA.: Microsoft Ltd

198-

IBM PC and compatibles; £100.00 IBM PC and
compatibles; Lab 10 pack; £500.00

Disk; manual

Business education; Sciences; Computer
graphics; Design; Craft, design, technology;
Secondary education; Further education

Facilities include business & scientific charts; 45
customisable formats; 3D effects, line drawing,
text spacing and rotation. WYSIWYG display -
16 colours. Links to 1-2-3, Symphony,
Multiplan, Rbase System, Project, dBASE II &
III. Supports over 60 printers, laser printers,
plotters and film recorders. Microsoft Mouse
support.

5.25" disk; if 3.5" required, please specify when
ordering

11-16+

Microsoft Cobol compiler 3.0

Redmond, WA.: Microsoft Ltd

198-

IBM PC and compatibles; £230.00 IBM PC and
compatibles, Lab 10 pack; £1150

Disk; manual Lab 10 packs provide 10 disk sets
with 5 sets of documentation

Computer studies; Programming languages;
Further education; Adult education; Utilities

An integrated environment with interactive
ANIMATOR debugger, providing extended
screen handling. ANSI 85 standard. Code
compatible with XENIX 286. Allows network
file sharing. Utilities include ViewCob symbolic
debugger, CobRef cross-referencing, Menu
handler and CbMouse.

Also runs in protected mode under the OS/2 as
well as under MS DOS/PC DOS. 5.25" disk; if
3.5" required, please specify when ordering

16+

Microsoft excel

Redmond, WA

Reading: Microsoft Ltd

1988

IBM PC; IBM PS/2;

Version 2.10; 6 5.25" disks; 9 3.5" disks; 3
'License agreement' documents; 1 booklet:
'Getting started and quick reference'; 4 key
strips; 1 reference manual; 1 functions and
macros manual; 1 booklet: "Dialog editor an
application for creating custom Dialog boxes for
Microsoft excel macros"; 1 booklet: "Getting the
most from your hardware with Microsoft excel";
1 book: "Microsoft excel sampler"; 1 leaflet:
Microsoft excel roadmap"

Spreadsheets; Business education; Databases;
Secondary education; Further education;
Utilities

Spreadsheet with business graphics and database
with Dialog box editor, extra speed and 45K
more workspace under windows 2.1. Macro
language allows creation of complete custom
applications.

Supports laser printers and colour printers;
supplied with runtime windows

11-16+

Microsoft excel for windows 2.1

Redmond, WA.: Microsoft Ltd

198-

IBM PC and compatibles; £158.00 IBM PC and

compatibles, Network 5 pack; £474.00 IBM PC
and compatibles, Lab 10 pack; £790.00

Disk; manual Network 5 pack includes licence
for 5 users on network with 5 full sets of
documentation; Lab 10 packs provide 10 disk
sets with 5 sets of documentation

Business education; Spreadsheets; Databases;
Computer graphics; Secondary education;
Further education

Spreadsheet with business graphics and
database. Includes Dialog box editor, extra speed
and 45K more workspace under Windows 2.1.
Macro language allows creation of complete
custom applications. Facilities include display &
link multiple worksheets and charts; Find,
extract, delete and sort in database. Read/write
1-2-3, dBASE II/III; SYLK, DIF, CSV &
ASCII. Convert 1-2-3- macros. Supplied with
runtime Windows.

5.25" disk; if 3.5" required, please specify when
ordering.

11-16+

Microsoft excel 1.51

Redmond, WA.: Microsoft Ltd

198-

Apple Macintosh; £110.00 Apple Macintosh, 5
pack; £375.00 Apple Macintosh Lab 10 pack;
£550.00

Disk; 5 pack includes 5 full products with
documentation; Lab 10 packs provide 10 disk
sets with 5 sets of documentation

Computer studies; Spreadsheets; Databases;
Computer graphics; Further education; Adult
education

A spreadsheet with graphics and database,
supporting colour. Compatible with
MultiFinder. Creates presentation-quality
reports/charts; displays and links multiple
worksheets. facilities include custom number
formats, fonts, styles and borders; 42 chart types
Keyboard macros plus macro language;
customisable menus & dialog boxes; Find,
extract, delete and sort in database. Converts
Multiplan files. Reads/writes 1-2-3, SYLK &
ASCII.

800K 3.5" disks; 400K available free on request
on an exchange basis direct from Microsoft.

16+

Microsoft excel 2.0

Redmond, WA.

Reading: Microsoft Ltd

1987

RM Nimbus; RM Nimbus network

Version 2.0; 5 x 5.25" disks; 7 x 3.5" disks; 1
"Getting started and quick reference" guide; 1
reference manual; 1 "Functions and macros"
manual; 2 license agreements; 1 "Roadmap"
leaflet; 1 ideas booklet; 1 customer service plan;
4 function key templates

Spreadsheets; Business education; Databases;
Computer graphics; Secondary education;
Further education

Microsoft excel allows you to: analyse, customise
and present financial data; display and link
multiple spreadsheets right on your screen;
record macros as you work, store them on
separate sheets, and apply them to any
worksheets; check your figures with built-in
auditing tools etc.

For IBM Personal System/2 series, IBM PC AT,
Compaq, Deskpro 386 and compatibles

11-16+

Microsoft file 2.0

Redmond, WA.: Microsoft Ltd

198-

Apple Macintosh; £68.00

Disk; manual

Business education; Databases; Information handling; Secondary education; Further education; Schools; Recordkeeping; Schools; Educational administration

An easy to use database; holds up to 65,536 records/file covering dates, numbers, text, computed fields, pictures. Multiple search facilities, with sort on 9 fields. Files may be redesigned, or fields added at any time. Automatic save facility. Uses form and report formats with different files. Print-merge with Word facility.

800K 3.5" disks; 400K available free on request on an exchange basis direct from Microsoft.

16+

Microsoft Fortran compiler 4.1

Redmond, WA.: Microsoft Ltd

198-

IBM PC and compatibles; £124.00 IBM PC and compatibles, Lab 10 pack; £690.00

Disk; manual Lab 10 pack includes 10 disk sets with 5 sets of documentation.

Computer studies; Programming languages; Further education; Adult education; Utilities

An optimising compiler with library manager, linker and utilities including enhanced CodeView debugger, and new Microsoft Editor; full ANSI 77 standard with DEC & IBM extensions. Port mainframe/Vax programs. Medium, large and huge models to 1Mb. Supports/emulates maths coprocessors. Links with Microsoft Pascal, C & Macro Assembler. Code compatible with Xenix.

Also runs in protected mode under the OS/2 as well as under MS DOS/PC DOS. 5.25" disk; if 3.5" required, please specify when ordering.

16+

Microsoft macro assembler 5.1

Redmond, WA.: Microsoft Ltd

198-

IBM PC and compatibles; £58.00

Disk; manual

Computer studies; Programming languages; Further education; Adult education; Utilities

A complete environment with new Microsoft Editor, assembler, enhanced CodeView debugger, object code linker, library manager & other utilities, including Bind. 15% faster than MASM 5.0. Supports 80387 coprocessor. Debugs Microsoft C, Pascal & Fortran.

Also runs in protected mode under the OS/2 as well as under MS DOS/PC DOS. 5.25" disk; if 3.5" required, please specify when ordering.

16+

Microsoft mail 1.36

Reading: Microsoft Ltd.

198-

Apple Macintosh; £195.00 (1-4 stations); £345.00 (5-10 stations); £495.00 (11-20 stations)

Disk

Communication

A complete electronic mail management system running on LocalTalk. Allows messages of a

textual or graphic nature to be sent, with option of attaching files. Features include group mailing; forwarding and confirmation of receipt. Communication also possible between machines across network bridges; users install Microsoft Mail as a desk accessory; mail server operates on any hard disk Macintosh on the network or runs under AppleShare.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Microsoft multiplan

Reading: Microsoft Ltd.

198-

Apple Macintosh; £135.00

Disk

Spreadsheets

A first generation spreadsheet package (255 line by 63 column capacity), providing good integration with the Macintosh environment. Selection of cells or groups of cells is through point, click and drag actions with the mouse. Facilities include ability to link worksheets, split windows, freeze titles, protect cells and sort; support for iteration; relational and text operators with 42 functions; 12 arguments. Allows data to be imported into Microsoft Chart for display in any one of its 7 chart types in 42 formats.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Microsoft multiplan 3.04

Redmond, WA.: Microsoft Ltd

198-

IBM PC and compatibles; all MS DOS machines; £60.00

Disk

Computer studies; Business education; Spreadsheets; Mathematics; Secondary education; Further education

Spreadsheet with keyboard macros. Facilities include worksheet consolidation and auditing. Supports maths coprocessors. Data exchange with 1-2-3. Works with Chart. Mouse support.

5.25" disk; if 3.5" required, please specify when ordering.

11-16+

Microsoft Pascal compiler 4.0

Redmond, WA.: Microsoft Ltd

198-

IBM PC and compatibles; £84.00 IBM PC and compatibles Lab 10 pack; £470.00

Disk; manual Lab 10 pack includes 10 disk sets with 5 sets of documentation.

Computer studies; Programming languages; Further education; Utilities

A development environment with library manager, linker, compiler, enhanced CodeView debugger and new Microsoft Editor. ANSI & ISO standards. Program size limited only by disk space under OS/2. BIND utility. Supports/emulates maths coprocessors. Inter-language linking. Code compatible with XENIX 286.

Also runs in protected mode under the OS/2 as well as under MS DOS/PC DOS. 5.25" disk; if 3.5" required, please specify when ordering.

16+

Microsoft PowerPoint 2.0

Redmond, WA.: Microsoft Ltd

1987

Apple Macintosh; £110.00 Apple Macintosh, 5 pack; £375.00 Apple Macintosh, Lab 10 pack; £550.00

3 disks; 3 booklets; 1 user manual

Desktop publishing; Computer graphics; Word processing; Secondary education; Further education; Adult education

A desktop publishing package, producing B & W or colour overheads and flipcharts, full colour 35mm slides, audience handouts and speaker notes. Word processor, spelling checker and graphics tools.

800K 3.5" disk; 400K media available free on request on an exchange basis direct from Microsoft. Compatible with EPSF, PICT, PICTII & MacPaint.

11-16+

Microsoft PowerPoint : version 2.0

Reading: Microsoft Ltd.

198-

Apple Macintosh; £275.00

Disk

Computer graphics; Desktop publishing; Art; Design

A complete management presentation package, allowing user to create professional-quality overhead transparencies or flipcharts, 35mm slides, documents and lecture material in black-and-white or colour. Features include ability to rearrange slide order with ease; word processor; spelling checker; drawing tools; selection of presentation fonts; support for multiple screens; and grey scale, inverse grey scale and colour output to suitable devices. Can use any of the 16.8m colours available on the Macintosh II. Text and graphics can be imported via Clipboard. Graphics files can be imported from other applications using EPSF, PICT, PICT2 and MacPaint formats.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Microsoft Project 4.0

Redmond, WA.: Microsoft Ltd

198-

IBM PC and compatibles; all MS DOS machines; £138.00

Disk; training disk; manual

Computer studies; Business education; Data processing; Word processing; Information handling; Spreadsheets; Secondary education; Further education; Adult education

Facilities include ASAP and ALAP scheduling. Gantt & PERT charts; Link sub-projects; Compare plan/actual; Custom reports & resource levelling; Send data to Chart, Multiplan, 1-2-3, dBASE II, Primavera Project Planner. Supports all HP & Houston Instrument plotters, wide range of paper sizes.

5.25" disk; if 3.5" required, please specify when ordering.

11-16+

Microsoft QuickBasic 4.50

Redmond, WA.: Microsoft Ltd

1982

IBM PC and compatibles; £38.00

5 disks; 1 'License agreement' document; 1 BASIC language reference manual; 2 books; 1 mouse instruction sheet

Computer studies; Programming languages; Utilities

A programming environment using the Basic language, providing structured and modular programming. Facilities include combined compiler/interpreter/debugger. Works with GW-Basic & IBM Basic; interfaces to dBASE III & 1-2-3. Creates network applications with record and file locking.

5.25" disk; if 3.5" required, please specify when ordering.

11-16+

Microsoft QuickBasic

Reading: Microsoft Ltd.

198-

Apple Macintosh; £75.00

Disk

Computer programming; Programming languages

A complete integrated development system for programmers new to the Macintosh environment. Combines an interpreter and compiler under a single improved user interface, with complete editor and debugging capabilities. Provides support for music; colour graphics; maths coprocessors and the Macintosh Toolbox. Includes free personal finance program for reference purposes. Programs are able to take advantage of all available system memory. Program code compatible with that produced by QuickBasic for MS DOS systems, except for graphics and file handling.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Microsoft QuickC 1.0

Redmond, WA.: Microsoft Ltd

198-

IBM PC and compatibles; £38.00

Disk; manual

Computer studies; Programming languages; Further education; Adult education; Utilities

An integrated environment with full-screen editor, Code View-based debugger and 10,000 lines/min compiler. Facilities allow error trapping before re-compiling. Includes graphics library. Takes advantage of IBM PS/2 graphics modes. Object and source code compatible with Microsoft C 5.0.

5.25" disk; if 3.5" required, please specify when ordering.

16+

Microsoft QuickC 2.0

Redmond, WA.: Microsoft Ltd

1987

IBM PC

Version 2.0; 10 disks; 1 book: "Up and running"; 1 book: "Tool kit"; 1 book: "C for yourself"

Computer studies; Computer programming; Programming languages; Computer graphics; Further education; Adult education

An integrated environment for writing programs in the C language. It takes advantage of IBM PS/2 graphics modes

16+

Microsoft windows : ISV toolkit

Redmond, WA.: Microsoft Ltd

198-

RM Nimbus

4 disks

Utilities

Microsoft windows is separate item of software - an environment for 16 bit MS DOS machines to run in - package of utility programs includes Paint - a b/w drawing package This package enables professional software producers to develop software to run under Windows using all its powerful facilities. Windows ISV Toolkit can only be used with Microsoft languages.

11-16+

Microsoft windows : draw! : presentation graphics software

Redmond, WA.: Microsoft Ltd

1986

IBM PC; RM Nimbus; RM Nimbus AX; RM Nimbus VX

Version 1.02; 1 disk; 1 documentation manual; 1 licence agreement folder; 1 customer service plan booklet; 1 leaflet 'Setting up new windows applications : RM Nimbus'

Computer graphics; Art; Design; Craft, design, technology; Secondary education; Further education; Adult education

Presentation graphics software - an interactive graphics program designed to assist in the creation of professional presentation materials. Full text and word charting capabilities combined with free-form drawing and editing functions. The package has the following features: - reads and edits Lotus 1-2-3 graph files - includes several text fonts, each with four styles and multiple point sizes - commonly used symbols are provided, and ability to create your own symbols - function selection from pull down menus - keyboard support. Mouse, light pen and other input devices can be supported - multiple line widths, fill patterns and colours - editing capabilities include scaling, rotation, mirroring and others - microsoft windows : draw! can be used in conjunction with other programs using the Microsoft windows operating environment - Cut and paste text and graphics - view multiple drawings simultaneously - instant access to other applications - multi tasking, output spooling and memory management.

11-16+

Microsoft windows draw 1.0

Redmond, WA.: Microsoft Ltd

198-

IBM PC and compatibles; £73.00

Disk; manual

Design; Craft, design, technology; Art; Business education; Computer studies; Computer graphics; Secondary education; Further education

Object oriented. Facilities include free form and technical drawing; diagrams and charts in colour; scaling, rotating, mirroring; undo. Reads 1-2-3- and Symphony graph files.

5.25" disk; if 3.5" required, please specify when ordering.

11-16+

Microsoft windows software developers kit 2.1

Redmond, WA.: Microsoft Ltd

198-

IBM PC and compatibles; £160.00

Disk; reference manuals

Computer studies; Programming languages; Secondary education; Further education; Utilities; Computer graphics

Software for Windows programmers. Includes Code View for Windows, dialog editor, icon editor, MAKE automated maintenance program.

5.25" disk; if 3.5" required, please specify when ordering.

16+

Microsoft windows 2.03c

Redmond, WA.: Microsoft Ltd

198-

IBM PC and compatibles (8086/8 machines, including Amstrad 1512/1640); £38.00

Disk; manual

Business education; Computer studies; Computer graphics; Data processing; Information handling; Secondary education; Further education; Schools; Recordkeeping; Schools; Educational administration

An advanced graphics-based operating environment, with overlapping windows. Includes Write, Paint & Terminal programs, cardfile, calendar, clock, calculator, notepad, print spooler, PIF editor, RAM disk.

5.25" disk; if 3.5" required, please specify when ordering. Supports PS/2 graphics modes. 360K media.

16+

Microsoft windows/286 2.1

Redmond, WA.: Microsoft Ltd

198-

IBM PC and compatibles (80286 machines); £38.00

Disk; manual

Business education; Computer studies; Computer graphics; Data processing; Information handling; Schools; Recordkeeping; Secondary education; Further education

Extends Windows capabilities by creating more room to run multiple applications. In AT-style PCs, takes advantage of 80286 processor to provided extra 50K of addressable memory when more than 1Mb extended memory available. In PS/2 machines, extra memory is achieved with 1Mb available. In effect, the 640K DOS limit become 690K.

1.2Mb media

16+

Microsoft windows/386 2.1

Redmond, WA.: Microsoft Ltd

198-

IBM PC and compatibles (80386 machines) (including Compaq Deskpro 386 & compatibles IBM PS/2 Model 80); £75.00

Disk; manual

Business education; Computer studies; Computer graphics; Data processing; Information handling; Schools; Recordkeeping; Schools; Educational administration; Secondary education; Further education

Includes same enhancements as Windows/286 2.1. but for 80386 machines. Provides true multi-tasking and up to 16Mb of memory

1.2Mb media

16+

Microsoft word : word processing program

Redmond, WA.: Microsoft Ltd

1987

Apple Macintosh

Version 3.01; 2 disks (1 program disk; 1 utilities disk); 1 quick reference guide; 1 user manual 'Learning Microsoft word'; 1 booklet 'Microsoft word 3.01 : additional information'; 1 reference manual; set of keyboard labels

Word processing; Desktop publishing; Secondary education; Further education; Adult education

Word processing package with desktop publishing features. Facilities include: integrated outlining to give an overview of work in progress; style sheets which allow the storing and recall of favourite formats; 80 000 word spelling corrector and hyphenation; a 'Quick Switch' allowing user to move to another program with one keystroke and other keyboard shortcuts which avoid the use of menus.

System requirements: 512K memory; 800K double-sided disk drive

11-16+

Microsoft word 4.0

Redmond, WA.: Microsoft Ltd

198-

IBM PC and compatibles; £158.00 IBM PC and compatibles, Network 5 pack; £474.00 IBM PC and compatibles, Lab 10 pack; £790.00 Apple Macintosh; £110.00 Apple Macintosh, 5 pack; £375.00 Apple Macintosh, Lab 10 pack; £550.00

Disk; manual Network 5 pack includes licence for 5 users on network with 5 full sets of documentation; Lab 10 packs provide 10 disk sets with 5 sets of documentation

Business education; Word processing; Information handling; Secondary education; Further education; Adult education

Full feature WYSIWYG WP with outliner, glossary, thesaurus, spell checker and style sheets. Facilities include Contents table and indexing; Maths and sorting; Comprehensive document management; Multiple fonts; Mailmerge, works with Rbase & dBASE. Supports 120 printers (51 laser drivers), including PostScript printers. Mouse support. Online tutorial. Includes free copy of Microsoft Page View.

5.25" disk; if 3.5" required, please specified when ordering.

16+

Microsoft word 5.0 : word processing program

Redmond, WA.: Microsoft Ltd

1983

IBM PC; IBM PC/2;

Version 5.0; 13 disks; 3 key strips; 2 'License agreement' documents; 1 booklet: 'Pocket guide to Microsoft word'; 1 booklet: 'Printer information for Microsoft word'; 1 book: 'Reference to Microsoft word'; 1 booklet: 'Sampler : an idea book'; 1 book: 'Using Microsoft word'; 1 booklet: 'Microsoft word roadmap'; 1 leaflet: 'Word exchange'; 1 periodical: 'The latest word' (special issue); 1 leaflet about 'Bitstream'

Word processing; Business education; Secondary education; Further education; Schools; Educational administration

A word processing package, suitable for office use.

11-16+

Microsoft works 1.0

Redmond, WA.: Microsoft Ltd

1987

IBM PC and compatibles; £58.00

10 disks; 2 "License agreement" packages; 6 booklets; 1 user's guide

Business education; Databases; Spreadsheets; Word processing; Computer graphics; Schools; Educational administration; Secondary education; Further education

An integrated package with spreadsheet, wordprocessing, database and communications facilities. Includes training disk.

5.25" disk; if 3.5" required, please specify when ordering.

11-16+

Microsoft works 2.0

Redmond, WA.: Microsoft Ltd

1986

Apple Macintosh; £98.00 Apple Macintosh, 5 pack; £325.00 Apple Macintosh, Lab 10 pack; £500.00

3 disks; 1 "License agreement" document; 1 user manual; 3 books; 5 pack includes five full products with documentation; Lab 10 pack provides 10 disk sets with 5 sets of documentation

Business education; Word processing; Databases; Spreadsheets; Computer graphics; Schools; Educational administration; Secondary education; Further education

A package including integrated word processor, database, spreadsheet, communications, and macros and print preview facilities.

800K 3.5" disk; 400K media available free on request on an exchange basis direct from Microsoft.

11-16+

Microsoft write 1.0

Redmond, WA.: Microsoft Ltd

198-

Apple Macintosh; £63.00 Apple Macintosh, Lab 10 pack; £315.00

Disk; Lab 10 packs provide 10 disk sets with 5 sets of documentation

Business education; Word processing; Data processing; Schools; Educational administration; Secondary education; Further education

Entry level word processing package, with on-line help, page preview and 80,000 word spell checker. Facilities also include columns and side-by-side paragraphs; Mix graphics/text; Maths setting; Forms generation; Footnotes & columns; 16 documents at once; split windows. Command and file compatible with Word, Read/write, Works, MacWrite & PC Word.

800K 3.5" disks; 400K available free on request on an exchange basis direct from Microsoft.

16+

Microspecial

Glasgow: Collins Educational

198-

BBC B; BBC B+; £330.00

Disks; documentation; teacher notes

Art; Design; Craft, design, technology; Mathematics; Language; Computer studies; Databases; Information handling; Home economics; Business education; Music; Reading skills; Cross curriculum; Life skills; Puzzles;

Problem solving; Special educational needs; Secondary education

000329460-9

Friendly, flexible programs using a problem solving, structured approach, allowing teachers to design individualised programs, controlling difficulty level and altering data to suit requirements of pupils. Includes monitoring and assessment facility. Suitable for either individual or group use. Contents: Art and design; Bank; Bike insurance; Classmates; Clocks; Coins; Colourword; Context; Datafile; Eating for health; Findword; Food for the family; Keyboard skills; Music; Mystery; Operation Konlee; Paper round; Reveal; Rise and shine; Safety; Shapes; Summer holidays; Survive; Timetables; Weather. Programs available separately. Documentation available separately. Bulk purchases and site licences available - details from publishers

11-15

Microstory

Keith, George; Chadwick, Geoff

Wisbech, Cambridgeshire: esm

198-

BBC B; BBC B+; BBC Master 128; BBC Master Compact; £19.95

Disk

Creative writing; Reading skills; Spelling; Primary education; Secondary education; Word processing

Provides a supportive framework for storywriting, encouraging far more complex and imaginative work than usual, by giving prompts. Encourages children to write, read and edit their work. Contained in Primary language software box and Secondary software box.

BBC 5.25" disk; Compact 3.5" disk.

8-13

Microtext

Bevan, Nigel (ed.); Watson, Robert (ed.); National Physical Laboratory

Cambridge: Acornsoft

BBC B; BBC B+; BBC 128k B+; BBC Master 128; £29.95

1 disk; 1 ROM cartridge; 1 ROM chip; 1 key strip; 1 documentation manual; 1 booklet; 1 reference card

Authoring aids; Secondary education; Primary education; Sixth form education; Further education

0907876110

A frame-based authoring package, enabling interactive computer applications to be developed by those with little or no previous programming experience; allows text and diagrams to be presented interactively.

ROM; 40/80t disk

8-16+

Microtext plus

National Physical Laboratory

Cambridge: Acornsoft

BBC B; BBC B+; BBC 128K B+; BBC Master 128; BBC Master Compact; £173.04

ROM; 2 manuals; 2 disks; function key card; reference card

Authoring aids; Secondary education; Sixth form education; Further education

A ROM version of Microtext, offering extra memory space, an expanded command set and user-definable commands, providing greater

flexibility for screen layout, string handling, file processing, external devices, graphics routines, mathematical routines.

16K ROM; disk

12-16+

Microtext plus run-time ROM : pack of 10

National Physical Laboratory

Cambridge: Acornsoft

BBC B; BBC B+; BBC 128K B+; BBC Master 128; £173.91

ROM; 2 manuals; 2 disks; function key card; reference card

Authoring aids; Secondary education; Sixth form education; Further education

A ROM version of Microtext, offering extra memory space, an expanded command set and user-definable commands, providing greater flexibility for screen layout, string handling, file processing, external devices, graphics routines, mathematical routines.

16K ROM; disks

12-16+

Microtutor

Madin, Richard

Sheffield: Pavic Publications

198-

BBC B; £10.00

Disk or cassette

Computer studies; Simulation; Computer graphics

A simulation, with graphics, of the operation of a microprocessor

BBC 40t or 80t disk; BBC cassette

Micro-firm

Halifax: Careersoft

1987

BBC B; BBC B+; BBC Master 128; £19.50

Disk

Personal and social education; Business education; Careers; Secondary education; Sixth form education; Further education; Databases

Aims to increase awareness of company organisation and the roles and responsibilities of people at work. Students can research and create their own datafiles on local firms - ideal for work experience and CPVE projects. Not networkable. Available as part of BBC special offer

BBC B, B+ (5.25" DFS disks); 40 or 80 track drive and colour monitor essential; parallel printer advisable

14-16+

Micro-life?

Sheffield: COIC Software

198-

BBC B; BBC B+; BBC Master 128; BBC Master Compact; Acorn Archimedes; RM Nimbus; £23.00 Master ADFS - details from publishers

Disk

Life skills; Careers; Secondary education; Computer games; Sixth form education

An open-ended program that can be used to focus discussion on any area of life. Groups program their own questions and weight the

answer choices according to their philosophy of life.

BBC B, B+, Master 128 (40t disks); Master Compact; Archimedes (3.5" disks); Nimbus (3.5" 720k). 40 or 80 track drive and colour monitor essential; parallel printer advisable. 5.25" disk versions run under DFS operating system. Networkable.

14-16+

Micro-Prolog

Cambridge: Acornsoft

198-

BBC B; BBC B+; BBC 128K B+; BBC Master 128; BBC Master Compact; £69.52 Econet; £180.00

ROM; disk; manual

Secondary education; Sixth form education; Further education; Computer studies; Puzzles; Problem solving; Control technology; Programming languages

A computer language emphasising human logic rather than machine procedures, putting artificial intelligence techniques within the grasp of the micro user. Readily lends itself to relational database, expert system and problem-solving applications. Includes facility to take full advantage of a 6502 second processor or turbo if fitted.

ROM; 40/80t disk

12-16+

Middle ages : resources pack

Gravesend: Fernleaf Educational Software Ltd

198-

BBC B; BBC B+; BBC Master 128; BBC Master Compact; RM Nimbus; Econet; £57.95

Disk; documentation; video cassette; information book

History; Adventure simulation; Primary education; Secondary education

Contents: Medieval war and peace computer program; England in the Middle Ages video cassette and Age of chivalry information book

Please state make/model of computer; network system; disk size and printer.

9-14+

Middle secondary physics pack

Harlow: Longman Micro Software

198-

Computers in the Curriculum

BBC B; BBC B+; BBC Master 128; Acorn Archimedes; £35.00 BBC Econet; SJ file server; AMCOM E-Net; RM Nimbus/Network; £45.00

Disk

Physics; Secondary education; Further education; Sixth form education; Simulation

Contents: Gravitational fields (investigation of simple gravitational motion and escape velocity); Momentum (animated simulation of before and after study of collision between two objects introduces momentum/momentum conservation; investigation of elastic/inelastic collision); Planetary motion (analysis of orbit data/laws of planetary motion; covers simple Newtonian gravitation applied to orbit theory).

BBC 40t, 5.25" DFS disk; BBC 80t, 5.25" disk; Archimedes compatible 3.5" disk; Nimbus/Network 3.5" disk

13-19

Middle-school mathematics investigation pack

Kennewell, Val.

Bromsgrove: Kite Educational Software 1987

RM Nimbus; RM Nimbus network; £16.00

Disk; pupil worksheets; teacher's guide

Mathematics; Primary education; Secondary education

10 programs to manage investigations on topics such as "long jumping", large numbers, linkages, number challenge, "Slides", journeys, coordinates, vectors, areas of triangles, recurring decimals, dissections.

10-14

Midsummer night's dream

London: Sussex Publications Ltd; World Microfilms

198-

Shakespeare on disk

IBM PC and compatibles; RM Nimbus; £25.00

Disk; manual

English; English literature; Secondary education; Sixth form education; General Certificate of Secondary Education; A level examinations

ASCII text file, allowing MS DOS word processors to be used to perform analyses of A Midsummer night's dream; scan the entire play for keywords; compare vocabulary and speeches among several plays; prepare tests; print out dramatic scripts with comments and stage directions; print copies of the plays and selected passages; add comments, notes, critical opinion etc. into the text

11+

Migration pack

Hatfield: Advisory Unit

Quest

BBC Master 128; Acorn Archimedes; RM 480Z; RM Nimbus; IBM PC and compatibles; £25.00

Disk; video

Information handling; Biology;

1856060020

A teaching pack on Bird migration which includes data collected from RSPB "phone-in" surveys from 1985-1989 on sightings of spring migrants and from the British trust for Ornithology on birds ringed and recovered overseas

Migration quiz

See: Whale games

MIKE : microprocessor tutor and switching logic

Gordon, J.L.

Harlow: Longman Micro Software 1987

BBC B; BBC B+; BBC Master 128; £19.50

1 disk; 1 documentation booklet

Computer studies; Primary education; Computer graphics; Computer programming; Electronics

0582268540

Contents: Microprocessor tutor (demonstrates

the computer processes during the fetching and execution of instructions - students write machine code programs and observe how they are executed; Switching logic (allows pupils to investigate the construction and behaviour of switching circuits, setting up and testing logic circuits on screen).

40t, 5.25" DFS disk
13-16

Millikan

See: WSS physics pack 2

Millikan's oil drop experiment

Ford, P.

Ashton-under-Lyne: Granada Educational Software

1989

BBC; RML 380Z; RML 480Z; £15.00

Disk; documentation; worksheets

Physics; Secondary education; Sixth form education; Further education; Computer graphics

Contained in Physics suite. Allows voltages across a controllable number of droplets falling between charged plates to be increased, decreased, zeroed or inverted to control the motion of a chosen droplet, and the pupil to determine the terminal velocity of any oil droplet.

Disk (40t). RML 380Z requires 80 character keyboard.

11-16+

Milling and turning

Princes Riseborough: System 3R (UK) Ltd.

198-

MGM Station CAD/CAM 2.5

Apple Macintosh; £5,960.50 or £1,153.60 for customers who have previously purchased one of the series.

Disk

Computer assisted design; Design; Craft, design, technology; Engineering; Utilities

A fully integrated design and manufacturing software package, producing CNC program files which can then be downloaded to the machine tool controller. Using the file created in the CAD part of the system, operations needed by the machine tool to complete the part are entered graphically on the screen. Spindle speeds and feeds are computed automatically. Tool change commands and selection are automatically optimised.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Milo

London: Go-Mark Ltd.

198-

Apple Macintosh; £249.00

Disk

Mathematics; Word processing; Computer graphics; Secondary education

A maths processor combining mathematical calculation with graphing and word processing. Allows user to describe problem, solve it, graph the solution in one document. Can rearrange equation into more convenient form, helping to simplify a mathematical expression; substitute one expression in another; create and

manipulate indexed summations and products. Includes matrix and vector operations; logarithmic, exponential, trigonometric functions. Supports calculus features, e.g. definite and indefinite integrals; ordinary/partial derivatives, limits, Taylor series. Includes Div; grad; curl; Laplacian; rectangular; cylindrical and spherical co-ordinates.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Minder

ITEM (Information Technology Educational Materials)

London: ITEM

1990

RM Nimbus; £60.00 RM Nimbus network; £90.00

2 disks; 1 guide; 1 activity pack

Business education; Information handling; Databases; Secondary education; Sixth form education; Further education

0708599052; 0708598986

A stock control program with a mouse-driven database and a full feature wordprocessor. Five departments include Sales, Stock, Accounts, Liaison and Management

RM Nimbus PC - 186, AX and VX stations used in Nimbus mode

16+

Mine and Meadow

See: Change and continuity

Mine manager

Harlow: Longman/Logotron

198-

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; Acorn Archimedes; £21.00

Disk

Sciences; Industry; Secondary education; Simulation

A simulation where students in charge of a mine have to monitor methane levels, air flow, etc., detect unusual changes, and take decisions on the necessary adjustments to make should faults develop.

BBC 40t, 5.25" DFS disk; Archimedes compatible 3.5" disk.

11-14

Mini office personal

Adlington, Macclesfield: Database Software
198-

IBM PC and compatibles; £29.95

2 disks; manual

Word processing; Databases; Spreadsheets; Communication; Business education

An integrated software package providing a powerful word processor; a database allowing up to 4 types of fields; a flexible spreadsheet with up to 200 rows and 52 columns; a label printer which uses data from the database and a communications package supporting scrolling services such as Prestel, MicroLink and bulletin boards and also autodialling plus file transfer ASCII or Kermit

5.25" or 3.5" disk. Requires 512K ram, CGA or

Educational Software MIL - MIN

EGA graphics adapter and disk drive (hard or floppy). Works with mono monitors

8-adult

Mini office professional

Adlington, Macclesfield: Database Software
1989

Amstrad PCW 8256; 8512; 9512; £39.95

Disk; manual; reference card; book

Word processing; Databases; Spreadsheets; Communication; Computer graphics; Business education

An integrated productivity package including word processing, database, spreadsheet, graphics and communications facilities. Includes copy of the book 'All in one business computing'.

Works with all Amstrad PCWs

Mini office professional ST : communications module

Adlington, Macclesfield: Database Software
198-

Mini office professional ST

Atari ST; £24.95

Disk

Communication; Business education

Allows user to send fax, telex, electronic mail, etc. easily. Features include facility to select modem from list supplied or to define own; support for all popular Teletype, VT52 and VT100 emulations; viewdata access with full-colour graphics, mailbox editor and slideshow facility; maintain logfile while online; tally phone calls; download telesoftware using ASCII, Xmodem or Kermit file transfer protocols. One of a suite of 5 modules, each available separately, which make the fullest use of the Gem environment's pull-down menus, icons and dialogue boxes. Includes set of desk accessories: text editor, memo pad, pocket-style calculator and disk utilities which can be used from within the program. All the modules are fully integrated.

Works with any Atari ST with one or more disk drives and a monochrome or colour printer

Mini office professional ST : spreadsheet module

Adlington, Macclesfield: Database Software
198-

Mini office professional ST

Atari ST; £24.95

Disk

Spreadsheets; Business education

A spreadsheet module, with features including 255 rows by 255 columns; columns up to 32 characters wide; full relative replication of formulae; any currency symbol or pad character; text and number alignment right, left or centre; facility to work on 4 files at once; sort/index facility; search for individual text cells, load ASCII, DIF files, create executable command files, etc. One of a suite of 5 modules each available separately, which make the fullest use of the Gem environment's pull-down menus, icons and dialogue boxes. Includes set of desk accessories: text editor, memo pad, pocket-style calculator and disk utilities which can be used from within the program. All the modules are fully integrated.

Works with any Atari ST with one or more disk drives and a monochrome or colour printer

Mini office professional ST : presentation graphics module

Adlington, Macclesfield: Database Software
198-

Mini office professional ST

Atari ST; £24.95

Disk

Databases; Computer graphics; Business education

A flexible package for creating graphs, charts and presentations. Allows data to be imported from any DIF file; holds up to 10 data files in memory at once; plots data in any of five graph types - bar chart, pie chart, line graph, area graph and scatter graph; displays up to 4 graphs on screen at once; plots up to 10 datasets on one graph, up to 100 fields for each; automatic or manual scaling; 100 preset fill patterns or facility to design own, etc. One of a suite of 5 modules, each available separately, which make the fullest use of the Gem environment's pull-down menus, icons and dialogue boxes. Includes set of desk accessories: text editor, memo pad, pocket-style calculator and disk utilities which can be used from within the program. All the modules are fully integrated

Works with any Atari ST with one or more disk drives and a monochrome or colour printer

Mini office 2

Adlington, Macclesfield: Database Software
198-

Amstrad CPC; BBC B; BBC B+ (tape) £14.95
Amstrad CPC; BBC B; BBC B+ (3.5" disk); BBC Master (80t disk); Commodore 64; Commodore 128 (disk); £19.95 BBC B; BBC B+ (5.25" disk); Commodore 64; Commodore 128 (tape); £16.95

Disk or tape; manual

Word processing; Databases; Spreadsheets; Communication; Computer graphics; Business education

An integrated software package providing a powerful word processor; a database allowing up to 5 types of fields; a flexible spreadsheet with the facility to total rows and columns with easy selection criteria, copy formulae either absolutely or relatively; print all or part of spreadsheet; move directly to specific location, etc; a label printer which allows user to design any style of label, select label size and sheet format and print any quantity, reading directly from the database files; and a communications package allowing access to a host of educational services such as offered by Microlink

Minibeasts of Britain and Ireland

Norwich: ITV Schools
1989

Animals in action datafiles; Key datafiles

BBC B; BBC B+; BBC Master 128; £17.25 RM Nimbus; £18.40 Acorn Archimedes; details to be announced

1 disk; User's notes; Information sheets; Worksheets

Environmental education; Biology; Sciences; Primary education; Secondary education; Information handling; Computer graphics

Datafile for use with Key. Gives information on 124 terrestrial invertebrates of Britain. Patterns of behaviour, life styles and life cycles can be studied. Diagrams are included.

BBC, 5.25" DFS; Converts for Key 128 or Key Econet.

8-18+

MiniCad 4.0

Maidstone: Microspot

198-

Apple Macintosh; £349.00

Disk

Computer assisted design; Design; Craft, design, technology; Engineering; Utilities

A CAD package with a full range of features including numeric accuracy up to 9 decimal places; 40 layers; 8 line types; auto-dimensioning and alignment; degrees, minutes and seconds; rotation; snap-to-object and snap-to-grid tools; double line feature; fillets; clip, add and intersect polygon tools; line segment trim tool; scaling in architectural and engineering formats; user defined snap and visual grid; colour support; 66 fill and pen patterns; centre line; dashed line, etc.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

MiniTab

Edgbaston, Birmingham: Cle Com Ltd.

198-

Apple Macintosh; details from publishers

Disk

Statistics; Information handling

A statistical software package using interactive and simple command language. Features include ability to import and export ASCII files; a range of arithmetic and matrix functions; extensive graphing capabilities; regression analysis; multivariate and nonparametric analysis; time series analysis; analysis of variance and covariance; flexible macro facility and on-line help.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Minnie

BECC (Birmingham Educational Computing Centre)

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

198-

Birmingham picture programs

RM Nimbus; £15.00

Language; English; Primary education; Special educational needs; Word processing

A mouse driven word processor with a difference. As well as having most of the usual word processing facilities, words and phrases can be selected from lists and inserted directly into the text. Minnie will normally be distributed with a clear, primary style, font but a separate fonts disk will be available.

Mouse essential

Minotaur

Exeter: Minerva Software

198-

Games

Acorn Archimedes; £14.95

Disk

Computer games; Puzzles; Problem solving; Primary education;

A 3D maze type game; does not require fast reactions. User has to find men in the maze before the Minotaur eats them, collecting objects for survival

RISC OS compatible

5-12

Miscellany 1

Worth school

Crawley: W.E. Soft

1988

BBC B; BBC B+; BBC Master 128; £15.00

Disk; overlays

Language; Mathematics; Life skills; Preschool education; Infant education; Primary education; Special educational needs

Contents: Tuneplay (involves colour/shape matching to give a note of a tune - either a card nursery rhyme or action song; when the first phrase is completed, the whole tune is played); Counter (simple counting of shapes using number levels 1-3, 1-6 or 1-9); Miss (user fills in missing letter from a displayed word, with the correct word also being displayed. Option for 11 groups of 20 words to be created); Budget (assess with selection of suitable coins to purchase an item such as an icecream; multiples of 10p, 5p or any price up to 99p available. 3 difficulty levels)

Please specify whether 40t or 80t required. Please specify whether A3 or A4 overlays are required. (If both required, extra charge £5.00.) Uses concept keyboard; computer keyboard; touchscreen; Tandy electronic book

4+

Misfits

See: Making connections

Miss

See: Miscellany 1

Missile control

Exeter: Minerva Software

198-

Games

Acorn Archimedes; £14.95

Disk

Computer games; Puzzles; Problem solving; Primary education; Secondary education

User has to protect cities from incoming enemy ICBMs and aircraft by shooting them down from missile bases positioned on the ground

RISC OS compatible

5+

Missing dinosaur bone

See: Evolve

Mission information

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £19.50 Econet; £58.50 Archimedes Econet; £65.00

Disk

Business education; Cross curriculum; Computer studies; Secondary education; Information handling; Simulation

An information technology simulation game - pupils have to explore a fictitious shopping centre to find given items of information - involves

using simulations of a cash dispenser, teletext TV, microfiche and viewdata system. Content variable options

Only specify 80t if you cannot use 40t disks. May be used with Concept keyboard

13-16

Miteyspice

Those Engineers Ltd

London: Pineapple Software

198-

BBC B; B+; BBC Master; £119.00 Acorn Archimedes; £119.00

Disk

Electronics; Simulation

A DC and AC circuit simulator with features and modal circuit description similar to SPICE; will simulate circuits with resistors, capacitors, inductors, voltage sources and current sources, voltage controlled voltage sources, current controlled current sources and bipolar transistors (includes a 20 parameter Ebers-Moll model including noise).

Requires 1 disk drive (40t or 80t) and Page= &1900 or less

Mitosis and meiosis

Garland, John M.

Plymouth: Garland Computing

1988

BBC B; BBC B+; BBC Master 128; £17.65 RM Nimbus; Acorn Archimedes; £20.00 Nimbus network; £37.65 Econet; £35.30

Disk

Genetics; Secondary education; Sixth form education; Further education

A menu driven package, covering the processes of mitosis and meiosis; identification of stages and animation of events; showing cellular events as a continuous process. Useful for an interactive visual aid in explanation and discussion, or for self-tuition/revision. Site licences, multiple copy discounts available; details from publisher

BBC 40 or 80t (please specify). RM Nimbus versions supplied with BBC-BASIC.

16+

Mix and match

Scetlander

Glasgow: Scetlander

IBM PC (5.25" disk); £29.95 IBM PC (3.5" disk); £29.95

Disks; Users notes

Language; Reading skills; Mathematics; Life skills; Preschool education; Infant school education; Primary education; Special educational needs; Computer graphics

1855720019 1855720027

Contents: Two of a kind; Odd one out; Forget-me-not. Provides practice in visual discrimination and visual memory skills; encourages number recognition and discrimination of upper/lower case letters, and time telling. Programs available separately. Graphics editor available as optional extra (5.25" £16.00; 3.5" £17.00)

IBM 5.25" or 3.5" disk

3-7

Mixed up motorway

See: Touch games 1

MJP 4 channel weather station

St. Just: MJP (Michael Jay Publications)

198-

BBC B; BBC B+; BBC Master; £279.95 RML Nimbus; details from publishers

Disk; Hardware (temperature/pressure sensors, anemometer, wind vane, cables, printed circuit board)

Geography

A 4 channel weather station for data logging of wind speed, direction, pressure and temperature, offering graphical screen dump and printer output. Long term automatic/manual data logging once an hour each hour, saving to data disk at 23.00 hrs each day. Up to 63 days data held within RAM; over 12 months on disk.

BBC 40t unless otherwise requested.

MKmodel

Holford, N.

Cambridge: Biosoft

198-

IBM PC/PS2 and compatibles; £ 149.00

Disk; manual

Sciences; Secondary education; Sixth form education; Further education; Adult education; Computer graphics

An extended least squares non-linear regression and modelling worksheet. Features include simultaneous estimation of up to 25 parameters; up to 5 independent variables; up to 10 simultaneous data sets; up to 100 total observations; optional Bayesian parameter estimation; choice of variance scale methods; graphs with optional logarithmic axes and multiple curves; facility to add user compiled models using BASIC; drug library of 15 models covering most common pharmacological data analysis needs; calculator tables to generate initial parameter estimates for the modelling program

3.5" or 5.25" disk; Requires DOS 2.0 or later; graphics card (IBM or Hercules)

11+

Mobile

See: Science in process : pack 2

Modelling and simulation

See: Information technology project : a complete modular course in IT : teaching pack 2

Models in physics

Feeley, D.; Tennent, R.; Weir, J.

Plymouth: Garland Computing

1984

Physics : collection 2

BBC B; BBC B+; BBC Master 128; £14.45 RM Nimbus; £16.60 Econet; £32.10 Nimbus network; £34.25

Disk

Physics; Secondary education; Sixth form education; Further education; Computer graphics; Simulation

Interactive visual aids, or for use for self-tuition or revision. Graphic simulations of Millikan's experiment; models of atomic structure and line spectra. BBC versions contained in Physics disk 2 collection. Site licences, multiple copy discounts available; details from publisher.

BBC 40 or 80t (please specify).

12-16+

Models one and two

Glasgow: CDG (Scotland) Ltd.

198-

BBC B; BBC B+; BBC Master 128; £15.50 Acorn Archimedes; IBM PC; RM Nimbus; £21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

Geography; Sociology; Databases; Secondary education

1870307100

Models of concentric, sector, multi-nuclei city zones. Includes comparative data on an actual town. Also cover the new town model, (examining the relationship between landuse, urban zones, facilities, and roads) and port and landform models. Structured modular work units accommodate all ability levels; integrate computer procedures and assist in the acquisition of knowledge and understanding, developing enquiry, evaluation and analysis skills, etc. Optional Epson compatible screen dump (BBC/Nimbus only) available - £7.50 (BBC); £13.50 (Nimbus). Discounts available for purchase of any two or more datapacks - details from publishers.

Please state format required: BBC 40 or 80t disk; IBM PC (EGA/ECD only).

14-16

ModelShop

London: Go-Mark Ltd.

198-

Apple Macintosh; £595.00

Disk

Computer assisted design; Design; Craft, design, technology; Engineering; Utilities

A 3D surface modeller. Information is entered in metric units or feet and inches. Viewing modes include Plan; Elevation; Axonometric; and Perspective. Allows graphic data to be exchanged with other programs through PICT format. Objects can be transferred between models with Cut, Copy and Paste commands. Other features include up to 235 layers; grid snap; co-ordinate feedback; fixed point numerical accuracy; distance, angle and area measuring tools.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Modern America

Glasgow: CDG (Scotland) Ltd.

198-

BBC B; BBC B+; BBC Master 128; £15.50 Acorn Archimedes; IBM PC; RM Nimbus; £21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

Geography; Databases; Secondary education

185395036X

A comparative, state-based examination of the USA, covering population; vital statistics; and employment. Structured modular work units accommodate all ability levels; integrate computer procedures and assist in the acquisition of knowledge and understanding, developing enquiry, evaluation and analysis skills, etc. Optional Epson compatible screen dump (BBC/Nimbus only) available - £7.50 (BBC); £13.50 (Nimbus). Discounts available for purchase of any two or more datapacks - details from publishers.

Please state format required: BBC 40 or 80t disk;
IBM PC (EGA/ECD only).

12-16

Modern artist 2

Middlesbrough

198-

Apple Macintosh; £495.00

Disk

Art; Design; Craft, design, technology; Computer assisted design; Computer graphics

A colour painting program which includes ColorSep, a colour separation utility for production 3 or 4 colour separations; includes 2 colour modes, standard and expert; a wet canvas tool for mixing colours; a stain tool for changing all occurrences of one colour to another in one area; a 3D tool; facility to make customised brushes in addition to the standard 32 black and white and colour brushes.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Modern Eastern Europe : Comecon

Glasgow: CDG (Scotland) Ltd.

198-

BBC B; BBC B+; BBC Master 128; £15.50
Acorn Archimedes; IBM PC; RM Nimbus;
£21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

Geography; Databases; Secondary education;
Sixth form education

1853950769

A national profile of the Communist Economic Bloc, consisting of data on population numbers; densities; distribution; male/female composition; urban; rural; growth; birth/death/product growth rates; consumption; industry; agriculture; worker categories; foreign trade; currencies. Structured modular work units accommodate all ability levels; integrate computer procedures and assist in the acquisition of knowledge and understanding, developing enquiry, evaluation and analysis skills, etc. Optional Epson compatible screen dump (BBC/Nimbus only) available - £7.50 (BBC); £13.50 (Nimbus). Discounts available for purchase of any two or more datapacks - details from publishers.

Please state format required: BBC 40 or 80t disk;
IBM PC (EGA/ECD only)

14-18

Modern Europe : West Germany

Glasgow: CDG (Scotland) Ltd

1990

BBC B; BBC B+; BBC Master 128; £15.50
Acorn Archimedes; A3000; IBM PC (EGA/
ECD); RM Nimbus; £21.50

Geography; Sociology; Information handling;
Data processing; Secondary education; General
Certificate of Education

An in-depth study of West Germany in terms of population, vital statistics, agriculture, employment, energy, facilities, health, housing and transport.

12-18

Modern France

Glasgow: CDG (Scotland) Ltd.

198-

BBC B; BBC B+; BBC Master 128; £15.50
Acorn Archimedes; IBM PC; RM Nimbus;
£21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

Geography; Databases; Secondary education;
Sixth form education

1853950610

An in-depth regional profile of France in terms of population; agriculture; facilities; transport; employment; health; vital statistics; energy; and housing. Structured modular work units accommodate all ability levels; integrate computer procedures and assist in the acquisition of knowledge and understanding, developing enquiry, evaluation and analysis skills, etc. Optional Epson compatible screen dump (BBC/Nimbus only) available - £7.50 (BBC); £13.50 (Nimbus). Discounts available for purchase of any two or more datapacks - details from publishers.

Please state format required: BBC 40 or 80t disk;
IBM PC (EGA/ECD only).

12-18

Modern Germany

Glasgow: CDG (Scotland) Ltd.

198-

BBC B; BBC B+; BBC Master 128; £15.50
Acorn Archimedes; IBM PC; RM Nimbus;
£21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

Geography; Databases; Secondary education;
Sixth form education

185395098X

An in-depth regional profile of West Germany covering population; vital statistics; agriculture; employment; energy; facilities; health; housing and transportation. Structured modular work units accommodate all ability levels; integrate computer procedures and assist in the acquisition of knowledge and understanding, developing enquiry, evaluation and analysis skills, etc. Optional Epson compatible screen dump (BBC/Nimbus only) available - £7.50 (BBC); £13.50 (Nimbus). Discounts available for purchase of any two or more datapacks - details from publishers.

Please state format required: BBC 40 or 80t disk;
IBM PC (EGA/ECD only).

12-18

Modern language folio

Southampton: Tedimen Software

198-

Folio

BBC B; BBC B+; BBC Master; Master Compact;
ELDeP; French, German, Spanish, Welsh;
£25.00 individually; £45.00 any two languages;
£60 any three languages BBC B; BBC B+; BBC
Master; Master Compact; Panjabi; Bengali;
Hindi; Gujarati; £30.00 individually; £55.00 any
two languages; £75.00 any three languages;
£90.00 all four languages Acorn Econet Level
2 (or higher); £125 per individual language;
£50.00 per additional language module

Disk; documentation

Primary education; Secondary education; Sixth
form education; Further education; Word
processing; Language; Modern languages;
French; German; Spanish; Welsh

A modern language word processor including
advanced character editor; fully variable text
width; batch print facility. Requires Epson
compatible printer. Bulk purchase discounts
available.

Please specify whether DFS or ADFS; 40t or

80t disk; 3.5" or 5.25" disk. Network version
can be used with any combination of Model B,
B+, Master, Master Compact and ET fitted with
NFS 3.40 or later.

8-16+

Modern languages Find

Coventry: NCET/MESU

1990

Details from publishers

Disk; User guide

Modern languages; Information handling;
French; German; Welsh; Italian; Spanish;
English; Secondary education

A foreign languages environment for
information handling, with features including
facility to print out blank data-collection forms;
data entry by multiple choice presets and
graphing. Includes ready to use character sets in
French, German, Welsh, Italian, Spanish and
English; and sample datafiles in German and
French. Licensing agreements/large bulk
orders: details from publishers.

11+

Modern languages word processing : Microsoft word utility disk

ILECC

London: ILECC (Inner London Educational
Computing Centre)

1987?

RM Nimbus; RM Nimbus network; £10.00

1 disk; 1 documentation sheet; set of keyboard
overlays

Modern languages; French; German; Italian;
Spanish; Secondary education; Utilities

This utility allows the French, German, Italian
and Spanish character sets to be used more
conveniently from within Microsoft word. It
should be seen as a low cost method of using an
English word processor (Microsoft word) for
modern language word processing.

A copy of Microsoft word, version 2 or 3 is
needed. It works with both old and new Nimbus
keyboard layouts.

11-16+

Moire quarters

See: Basic package

Moire screen

See: Basic package

Molcol

See: ITMA chemistry pack

Molecular biology series

Ransom, R.

Cambridge: Biosoft

198-

IBM PC/PS2; Apple II; £50.00

Disk; manual

Sciences; Biology; Secondary education; Sixth
form education; Further education; Computer
graphics; Simulation

5 programs featuring animated graphics,

question and answer options and simulation of drug effects. Contents: Transcription (animates RNA transcription and post transcriptional modifications); Translation (animates process of translation or complex assembly and translation); DNAfile (permits design, editing and review of genes for processing by Transcription and Translation programs); Replication (animates DNA replication); Repair (animates 4 DNA repair processes).

3.5" or IBM 5.25" disk; IBM requires CGA; Apple II 48K RAM minimum. Apple version monochrome; BBC uses colour

11+

Molecular energy distributions

See : Physical chemistry

Molgraf

Barlow, R.B.; O'Donnell, C.H.

Cambridge: Biosoft

198-

IBM PC/PS2; Apple II; £99.00

2 disks; manual

Sciences; Chemistry; Secondary education; Sixth form education; Further education; Computer graphics

A package for displaying, examining and experimenting with 3D maps of chemical compounds. Features include entry of new compounds using crystallographic coordinates; saving data to disk; ability to check, add, delete and correct data; calculation of bond lengths, angles and torsion angles; atlas of data for more than 200 structures, including many common pharmaceuticals. Displays structures in high resolution graphics, which may be rotated, expanded, moved on screen. Images may be printed using a screen dump program or a plotter; includes LECTURE - a routine which displays sequences of images which can be prepared in advance by user; DIY - helps user build a compound by specifying only atom names, bond lengths, bond angles and torsion angles. Demonstration disk available - £15.00.

5.25" or 3.5" disk; Apple II requires 64K RAM minimum; IBM 256K RAM, DOS 2.0 or later; graphics card (CGA, EGA or Hercules)

11+

Molgraf new compounds disk

Cambridge: Biosoft

198-

IBM PC/PS2; £ 25.00

Disk; manual

Sciences; Chemistry; Secondary education; Sixth form education; Further education

A supplementary compound disk containing atlas of data for an extra 125 compounds, for use with Molgraf

5.25" or 3.5" disk

11+

Moments

Dolgellau: Science Education Software

198-

BBC B; BBC Master 128; Econet; £12.00 + VAT
RM Nimbus; £13.00 + VAT RM Nimbus
Network; £28.00 + VAT

Disk; Worksheets

Physics; Sciences; Secondary education; Simulation

Illustrates the principle of moments with a simple lever system consisting of a plank of fixed length, a fulcrum and a number of 1, 2 and 3 Newton weights. Program contains four demonstration options and a problem-setting option.

BBC 40t, 5.25" disk; BBC 80t, 5.25" disk; RM Nimbus, 3.5" disk

13-16

Momentum

See: Middle secondary physics pack

Money

London: ALBSU (Adult Literacy and Basic Skills Unit)

198-

BBC B; £7.00

Disk; tutor notes

Mathematics; Life skills; Further education; Adult education

Deals with coins at a basic level; develops the skill of "counting on".

16+

Money : disk 1

Northampton: Nordis Software

1988

Money series

BBC B; BBC B+; BBC Master; Master Compact; £11.00 RM Nimbus; £12.90 (upon completion)

Disk; user manual

Life skills; Mathematics; Computer graphics; Special educational needs ; Computer games

With disk 2 teaches the recognition and addition of the 1, 2, and 5p coins - students have to add a random set of coin symbols and to make up a given amount of coins. Includes games to reinforce coin addition. Includes progress monitor. Available in Educational software for overcoming learning disability packs

40/80t disk; operated by Qwerty and Concept keyboard

Money : disk 2

Northampton: Nordis Software

1988

Money series

BBC B; BBC B+; BBC Master; Master Compact; £11.00 RM Nimbus; £12.90

Disk; user manual

Life skills; Mathematics; Computer graphics; Special educational needs ; Computer games

With disk 1 teaches the recognition and addition of the 1, 2, and 5p coins - students have to add a random set of coin symbols and to make up a given amount of coins. Includes games to reinforce coin addition. Includes progress monitor. Available in Educational software for overcoming learning disability packs

40/80t disk; operated by Qwerty and Concept keyboard

Money : disk 3

Northampton: Nordis Software

1988

Money series

BBC B; BBC B+; BBC Master; Master Compact; £11.00 RM Nimbus; £12.90

Disk; user manual

Life skills; Mathematics; Computer graphics; Special educational needs; Computer games

With disk 4 introduces the 10, 20 and 50p coins, comparing each new coin to earlier ones, requiring students to add a random set of coin symbols and to make up a given amount with coins. Games to reinforce coin addition are included. Includes progress monitor. Available in Educational software for overcoming learning disability packs

40/80t disk; operated by Qwerty and Concept keyboard

Money : disk 4

Northampton: Nordis Software

1988

Money series

BBC B; BBC B+; BBC Master; Master Compact; £11.00 RM Nimbus; £12.90 (upon completion)

Disk; user manual

Life skills; Mathematics; Computer graphics; Special educational needs; Computer games

With disk 3 introduces the 10, 20 and 50p coins, comparing each new coin to earlier ones, requiring students to add a random set of coin symbols and to make up a given amount with coins. Games to reinforce coin addition are included. Includes progress monitor. Available in Educational software for overcoming learning disability packs

40/80t disk; operated by Qwerty and Concept keyboard

Money plus : programs 1-4

Haydon, Ray; Harrison, M.C.; Miller, C.; et al.

Gravesend: Fernleaf Educational Software Ltd
1984

Thinking mathematically

BBC B; £31.26

1 disk or cassette; 1 booklet

Mathematics; Language; Puzzles; Problem solving; Primary education; Secondary education; Computer games

185021039X; 1850210403 (disk); 1850210306 (booklet)

Designed for use with small groups of children. Contents : Money target; Can you make it; Market stall; Research trail. Provides a range of situations involving practice with basic money skills and promoting language development and problem solving. Programs available individually

Operating system 1.2

8-13

Money target

Haydon, Ray; Harrison, M.C.; Miller, C.; et al.

Gravesend: Fernleaf Educational Software Ltd
1984

Thinking mathematically : series 2

BBC B (disk); £11.26 BBC B (cassette); £8.65

1 disk or cassette; 1 booklet

Mathematics; Language; Puzzles; Problem solving; Primary education; Secondary education; Computer games

Contained in Money Plus. Designed for use with small groups of children. A game with the objective of reaching a set money target, involving strategy and skill in money calculations at various levels of difficulty

Operating system 1.2
8-13

Moneyplan

Tolfree, W. Reay

Richmond: Trotman & Co Ltd

1990

BBC B; BBC B+; BBC Master; £29.00 Econet; £39.00

1 disk; 1 booklet; budget slips; payslips

Careers; Sociology; Personal and social education; Sixth form education; Secondary education; Further education

There are three programs : Payslip; Budget; Credit which aim to help school-leavers in money management. These may be run consecutively or individually. The 1990 edition takes account of the new tax figures, taxation of married couples to national insurance contributions

11-18

Monkey and the hunter

See: Gravity pack : three simulations of forces and fields

Monohybrid

See: WSS biology pack 1

Monohybrid cross

See : Genetics

Monopun

See : Genetics

Monster maths

Chepstow: AVP Computing
198-

BBC B; BBC B+; BBC Master 128; £17.50

Disk

Mathematics; Primary education; Secondary education

Five programs with 9 difficulty levels: Rectangles (practice in estimation of area); Monster maths (encourages high speed mental arithmetic); Times-tables (4 option choices from tables 1-24); Arithmetic (covers addition, subtraction, multiplication, division); Mystery numbers (a mystery number and a set of numbers from which it can be produced by adding, subtraction, multiplication)

Only specify 80t if you cannot use 40t disks

6-14

Monte

See: Secondary maths 2

Monte Carlo

Camberley: ARS Microsystems Ltd.

198-

PSpice

Apple Macintosh: £350.00 (20% education discounts available)

Disk

Computer assisted design; Design; Craft, design, technology; Engineering; Electronics; Simulation

An optional extra for use with PSpice.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Monte Carlo

Leamington Spa: GEM Software

198-

BBC 32k; Acorn Electron (cassette); £8.50 BBC 32K (disk); £11.50

Cassette or disk; documentation

Mathematics; Primary education; Secondary education; Further education; Adult education; Computer games; Computer graphics

A motor racing game, for up to 6 players at once. Each player has a set of gauges to register speed, tyre wear, brake wear and fuel consumption. Increases understanding of probability.

Please specify whether 40t or 80t disk required.

10+

Monthly weather records

See: Practical meteorology. 1: Large scale weather patterns

Monty

See: Number grids

Moon dash

See: Bug hunter and Moon dash

Moonshot

See: Physics software pack 1

More about me

Newcastle upon Tyne: Northern Micromedia
1990

BBC B; BBC Master; £13.00

Personal and social education; Preschool education; Infant school education; Primary education; Special educational needs

A follow-up to "All about me", this program asks further questions and covers members of the family, favourite toys, pets, foods, drinks and the type of house they live in; before printing out pupils individual booklets

4-8

More French games

Chepstow: AVP Computing
198-

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £24.50 BBC Master Compact; £24.50 Econet; £58.50 Acorn Archimedes; RM Nimbus; Amiga; IBM and compatibles; £24.50 RM Nimbus Network; (up to 16 machines) £45.00; (up to 48 machines) £65.00

Disk; notes

French; Modern languages; Secondary education; Sixth form education; Further education

Six games with instructions and scores given in

French, aimed at 2nd year French learners and more advanced revision work. Basic and advanced levels for each game. Covers number, home, family, colours, shops, clothes, travel, French geography, etc.

Only specify 80t if you cannot use 40t disks
12+

More German games

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £19.50 BBC Master Compact; £21.70 Acorn Archimedes; RM Nimbus; Amiga; £24.50 RM Nimbus Network; (up to 16 machines) £45.00; (up to 48 machines) £65.00 Econet; £58.50

Disk

German; Modern languages; Secondary education; Sixth form education; Further education

6 games designed for 2nd year learners of German and for revision for more advanced students. Each game contains basic and advanced options. Covers numbers, home, family, colours, shops, clothes, travel, geography of Germany, etc.

Only specify 80t if you cannot use 40t disks
12+

More Italian games

Chepstow: AVP Computing

BBC B; BBC B+; BBC Master 128; £19.50

Disk; student notes

Modern languages; Italian; Secondary education

Six games aimed at students who already have a basic knowledge of the language or as a revision aid for more advanced students. Topics covered are : numbers, home, family, clothes, colours, shopping and travel

13-16

More or less

See: Microprimer software : pack 3

More Spanish games

Chepstow: AVP Computing

BBC B; BBC B+; BBC Master 128; £19.50

Disk; Student notes

Modern languages; Spanish; Secondary education

Six games aimed at students who already have a basic knowledge of the language or useful as a revision aid for advanced students. Topics covered include numbers, home, family, clothes, colours, shopping and travel

13+

More words and pictures

Spalding: Chalksoft Ltd

1989

BBC B; BBC B+; BBC Master; £15.00 BBC Master Compact; £17.00

1 disk; 40t; 80t; 3.5"; copy sheets

Cross curriculum; Language; English; Preschool education; Infant school education; Primary education; Special educational needs; Computer games

1851160477

Another set of words for early reading where children match them with bright pictures in a simple game format.

Please state whether 40-track or 80-track disks are required

6-8+

More 2

Maidenhead: Symantec (UK) Ltd.

198-

Apple Macintosh; £245.00

Disk

Computer graphics; Desktop publishing; Art; Design

An idea and outline processor with desktop presentation facilities; displays ideas instantly with bullet or tree charts; ideal for organising plans, lists, ideas. Features include full word processor with English spelling checker; style sheets; drawing tools; document outliner; presentation package for the production of live video slide shows, 35mm slides, colour prints and colour overhead transparencies. MacPaint, ThinkTank PC, ASCII, PICT, PICT2 and EPSF files can be imported from other applications.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Mosaic

Advisory Unit

Hatfield: Advisory Unit

BBC B; BBC B+; BBC Master 128; BBC Master Compact; Econet; Nimbus; Archimedes; £20.00

Disk; booklet

Art; Design; Computer graphics; Secondary education; Home economics

00 946039 32 1 BBC; 0 946039 92 5 Nimbus

Allows tiling patterns to be designed on the screen and provides the opportunity to reduce, extend, experiment with colour changes and try different orientations. Repeat borders and motifs can be achieved. Useful for fabric design, knitting, patchwork and printing. Works with Epson monochrome printer, Integrex, Tandy and Canon colour printers. Bulk order discounts available.

Please specify machine version required.

111+

Mosaic

See: Basic package

Mosaic and Circle

See: Basic package

Mosaic and Up

See: Basic package

Mosaics

See: Basic package

Moths, mice and other beasties

Sortwell, Andrew

Harlow: Longman/Logotron

1978-

BBC B; BBC B+; BBC Master 128; £21.00

Disk; worksheets

Biology; Genetics; Secondary education; General Certificate of Secondary Education; Further education

5 programs for GCSE and laboratory work on genetics; two levels: simple and more advanced.

BBC 40t, 5.25" DFS disk.

13-16

Motion simulator

See: Investigating accelerated motion

Motor vehicle studies

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £19.50 BBC Master Compact; £21.70 Econet; 358.50

Disk; Teacher's notes

Engineering; Technology; Secondary education; Computer graphics

Six programs covering the working of the engine, valves and valve gear, the clutch, the gearbox, synchromesh and the differential

Only specify 80t if you cannot use 40t disks

14-16

Motors

See: Technology and design : part 1

Motorway route

See: Transport pack

Mots croises

Chepstow: AVP Computing

BBC Master 128; £24.50

Disk

Modern languages; French; Secondary education

22 French crosswords suitable for either class or individual use. A Crossword designer is supplied on the same disk which enables the teacher to create further crosswords

12+

Mountain rescue

London: ITV Schools

198-

Mathematical eye

BBC B; BBC B+; BBC Master 128; £11.50

1 disk

Mathematics; Problem solving; Secondary education; Computer games; Databases

Encourages indepth exploration of mathematical ideas. The program is about the process of being mathematical making it particularly relevant to Attainment Targets 1 and 9. Skills exercised: using coordinates, estimating, interpreting map information, making calculations. Also contained in: Mathematical eye (price £40.25). Associated ITV Schools programme: Mathematical eye.

5.25", DFS

11-13

Mouse plotter

Phillips, Richard; Rooke, David; Pierson, Andy

Nottingham: Shell Centre for Mathematical Education

1988

Acorn Archimedes (310 and above); £20.00

Disk (3.5"); book

Mathematics; Secondary education; Further education; Computer graphics

0906126398

A versatile graph plotting program which makes full use of a mouse. It plots graphs from equations in different forms and from data files including Quest, Inform and Grass files; System delta plus files; FGP files; Beebug Zoom files; text files; data files of integer or real numbers. Mouse plotter will scale graphs automatically or allow to change scales in a number of ways

Networks not supported

11-16+

Mouse trap

See Joystick games 1

Mousematics number bonds

Clwyd: Clwyd Technics Ltd

198-

BBC B; BBC B+; BBC Master; £16.95

Disk

Mathematics; Infant school education; Primary education; Puzzles; Problem solving

Explores number bonds as children join Maths Mouse on a group of adventure islands, helping solve problems which are number bonds in disguise. Includes Parrot scene (children put baby birds back in their nests); Turtles (children "photograph" turtles on a beach); Ghost scene (children help ghosts fill hole in castle wall); Jungle scene (a see-saw game with jungle creatures). Teacher options to choose specific number bonds and individual learning levels; to time exercises; obtain detailed reports on each child or a summary for whole class, showing progress, highlighting problem areas

BBC B requires sideways RAM

5-7

Mousey

See: MAPE compendium

Movaword

Spalding: Chalksoft Ltd

198-

BBC B; BBC B+; BBC Master; £15.00 BBC Master Compact; £17.00

Disk 40t; 80t; 3.5"

Reading skills; Preschool education; Infant school education; Primary education; Special educational needs; Computer graphics

1851160329

Contains 5 pictures - a garden, a house, a beach, and two "maths" pictures. The aim is to move a word around the selected picture with the arrow keys until it rests on the object it names. When correctly completed, the screen "comes alive".

Please state whether 40-track or 80-track disks are required. Concept keyboard and Microvitec

Touchscreen versions available. Option to print to Epson-type printer.

4-7

Move

Thistleton, R.; Dary, John; Io Software; et al.
Gravesend: Fernleaf Educational Software Ltd
1984

BBC B; BBC B+; BBC Master; (disk) £11.26
BBC B (cassette); £8.65

1 disk or cassette; 1 documentation booklet

History; Primary education; Secondary education

Contained in Viking England. Allows children to explore Vikings' experiences as they decide to move inland near a Saxon settlement, with the two groups joining to develop a town

Operating system 1.2.

9-13

Move-it

BECC (Birmingham Educational Computing Centre)

Houghton-on-the-Hill, Leicester: MUSE
(Microcomputer Users in Education)

198-

Birmingham picture programs

RM Nimbus; £10.00

Disk

Puzzles; Primary education; Special educational needs; Computer games; Computer graphics

A picture is divided up into vertical or horizontal strips which are then rearranged at random. Using a mouse, any strip can be exchanged with another until each part has been correctly repositioned.

Moving house

See : Joystick games 3

Moving into View

Newport, Lincoln: MEDUSA

198-

BBC B; BBC B+; BBC Master; £7.50

Disk;

English; Language; Creative writing; Secondary education; Word processing

An introduction to word processing, using View; each lesson introduces a feature of word processing, and revises basic English skills

11+

Moving molecules

Netherhall Educational Software

Cambridge: Cambridge Micro Software

198-

BBC B+; BBC Master; RML 380Z/480Z; £22.50
Apple; £25.00 Econet; £37.50

1 disk; 1 teacher's handbook

Physics; Secondary education; Computer graphics

Illustrates kinetic theory explaining Charles' and Boyle's laws. Students visualise what happens to molecules in gases, liquids and solids as temperature/pressure change.

Econet requires 80t disk; BBC B+ and BBC Master 40/80t.

Moving on

Halifax: Careersoft

1987

BBC B; BBC B+; BBC Master 128; BBC Master Compact; RM Nimbus; Acorn Archimedes; £22.50

Disk

Careers; Personal and social education; Secondary education; Sixth form education; Further education

Contents: Jobs and you; Letters of application; Application forms; Telephoning and interviews. Combines easy to use computer programs with worksheets and group activities. Networkable. Available as part of special offers

BBC B, B+, Master 128 (5.25" disks); Master Compact (3.5" disks); Nimbus (3.5" 720k). 40 or 80 track drive and colour monitor essential; parallel printer advisable. 5.25" disk versions run under DFS operating system. Acorn Archimedes (disk 3.5")

14-16+

MPW assembler : version 3.0

Edinburgh: Apple Developers Group

198-

Apple Macintosh; £75.00

Disk

Computer programming; Programming languages

Supports latest hardware and system software from Apple, including 68020, 68030 and 68882 code generation. Allows object modules from the assembler, C and Pascal to be linked together in a single application. Supports symbolic debugging of procedures, functions and exported or Entry names and equates.

Requires at least 2Mb; RAM and MPW version 3.0.

MPW C : version 3.0

Edinburgh: Apple Developers Group

198-

Apple Macintosh; £100.00

Disk

Computer programming; Programming languages

A full implementation of the ANSI definition (with Apple extensions), with provision for Green Hills C source. Capitalisation conventions include files for functions using pointers or strings that have been changed. Functions which call glue to convert C strings to Pascal strings or de-referenced points are all spelt in lower case; in-line functions spelt with mixed case to match Inside Macintosh. Provides a script using the Canon tool to easily convert source code to these conventions.

Requires at least 2Mb RAM, hard disk drive and MPW version 3.0.

MPW Fortran : version 1.2

Edinburgh: Apple Developers Group

198-

Apple Macintosh; £135.25

Disk

Computer programming; Programming languages

A full-featured Fortran 77 compiler, operating in the MPW environment. Compiler accepts full ANSI standard Fortran 77, plus extensions from VMS and 8X Fortran such as structured Do While and Implicit None. Supports all of Apple's Sane numerical calculations and data types, Complex-16 and Integer-1. Compiler switches allow programmer to specify generation of 68000, 68020 and 68881 object code. Other features include support of arrays greater than 32K in size up to amount of available memory; cross-linking with MacApp and object code from MPW Pascal, C and Assembler, and direct call to ROM routines by name exactly as documented in 'Inside Macintosh'.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

MPW Pascal : version 3.0

Edinburgh: Apple Developers Group

198-

Apple Macintosh; £100.00

Disk

Computer programming; Programming languages

A compiler which automatically builds a pre-compiled version of the symbol table for each unit, putting it into the resource fork of the file containing the unit. On subsequent compilations, resource is loaded rather than compiling the unit. Will not use the resource if the modification date of the file is later than the date stored when the resource was created or if the compile time options in effect when the resource was created have changed so as to invalidate the resource.

Requires at least 2Mb RAM; hard disk drive and MPW version 3.0.

Mr Magus is waiting for you

London: ITV Schools

198-

BBC B; BBC B+; BBC Master 128; £18.00

Disk

English; Language; Writing; Reading skills; Primary education; Secondary education; Adventure simulation; Computer graphics

An adventure story based upon the novel by Gene Kemp. Pupils make decisions about where the story should go, and they can supplement the plot and characters by adding text of their own. Associated ITV Schools Programme: Middle English : Mr Magus is waiting for you.

5.25", DFS

9-13

Mr Yog and the Nippet

Sherston Software

Sherston: Sherston Software

1984

BBC B; BBC B+; BBC Master 128; BBC Master Compact; (single pack) £11.50 BBC B; BBC B+; BBC Master 128; BBC Master Compact; (small lab pack) £23.00 BBC B; BBC B+; BBC Master 128; BBC Master Compact; (large lab pack) £34.50

Single pack: 1 disk; 1 teacher's book Small lab pack: 1 copy of full pack plus 5 extra copies of disk Large lab pack: 2 copies of full pack plus 10 extra copies of disk

Language; Mathematics; Infant school education; Preschool education; Primary education; Puzzles; Problem solving

Children help Mr Yog overcome the obstacles set by the Nippet to prevent him getting his

apples through 10 different maths and language activities

BBC 40t 5.25" DFS; BBC 80t 5.25" DFS; BBC Compact 3.5" ADFS disk. 3.5" DFS and 5.25" ADFS disks also available

4-7

MS DOS Utilities

Leamington Spa: SPA (Software Production Associates)

1986

RM Nimbus; £20.00 RM Nimbus Network £53.00

Network version; 1 disk

Utilities

Includes ERQ; COPYQ; RENQ; FF useful, friendly, easy-to-use programs to help with the day to day use of the Nimbus

4-16+

MSC/pal : version 1.98b

Surbiton: MacNeal-Schwendler Company Limited

198-

Apple Macintosh; £1,495.00

Disk

Computer assisted design; Design; Craft, design, technology; Engineering; Utilities

A finite element analysis program, performing 2 and 3D stress and vibration analyses of structures and mechanical components, allowing user to simulate responses to static and dynamic loads and determine structural integrity. Elements include beams, membranes, plates and concentrated springs, masses and dampers. Applied loads include concentrated forces and moments, pressure and gravity loads. Graphics include model geometry, deformed/undeformed overlays; deformed animations, and XY plots. Demonstration package available - £45.00 (redeemable against purchase of full program).

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Mtalk1

See: Games, activities and investigations volume 2

Mtalk1

See: Language work in the classroom

Mtalk2

See: Games, activities and investigations volume 2

Mtalk2

See: Language work in the classroom

Much Ado About Nothing

London: Sussex Publications Ltd; World Microfilms

198-

Shakespeare on disk

IBM PC and compatibles; RM Nimbus; £25.00

Disk; manual

English; English literature; Secondary education; Sixth form education; General Certificate of Secondary Education; A level examinations

ASCII text file, allowing MS DOS word processors to be used to perform analyses of Much ado about nothing; scan the entire play for keywords; compare vocabulary and speeches among several plays; prepare tests; print out dramatic scripts with comments and stage directions; print copies of the plays and selected passages; add comments, notes, critical opinion etc. into the text.

11+

Muddles : thinking through language

Blamires, Mike

Leamington Spa: SPA (Software Production Associates)

1987

IBM PC; RM Nimbus ; £15.00 BBC B; BBC B+; BBC Master; RML 480Z; £13.00 RML 480Z Network; £31.00 IBM PC Site; RM Nimbus Network; £34.00

1 disk; 1 documentation booklet; 1 keypad overlay

Language; English; Problem solving; Puzzles; Primary education; Secondary education; Cross curriculum; Special educational needs

Muddles is about making sense of nonsense. It encourages group work, and reading skills. Children are given a puzzle, poem or lateral thinking problem with each line muddled up; they have to unmuddle it and answer a question about the piece.

IBM machines require CGA; EGA or VGA graphics graphics.

8-15

Muldiv

See: Junior suite

Multable

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £17.50 BBC Master Compact; £19.70 RM Nimbus; Amiga; £24.50 RM Nimbus network; (up to 16 machines) £45.00; (up to 48 machines) £65.00 Econet; £52.50

Disk

Mathematics; Primary education; Secondary education

Allows user to check and learn multiplication tables using a 10 x 10 multiplication square

Only specify 80t if you cannot use 40t disks

8+

Multi

Robertson, Ian; Smart, Steve

Blairgowrie: Locheesoft

198-

Series 8

BBC B; BBC B+; BBC Master 128; BBC Networks; £19.50 (Part of proceeds donated to Save the Children Fund)

Disk

Puzzles; Problem solving; Special educational needs; Primary education; Secondary education; Further education; Adult education

Educational Software MS - MUL

0947584846

Two activity programs - Qtext and Qshapes, involve the user in tasks of various complexity levels while requiring the person to remember to orient left at the same time. Touch screen operated. Results may be stored and monitored.

Requires Microvitec touch screen. BBC 40t s/d DFS disk (unless 80t requested); will also run on ADFS or Network.

6+

Multi 1

See: Basic package

Multi 2

See: Basic package

Multi 3

See: Basic package

Multi 4

See: Basic package

Multi 5

See: Basic package

Multi 6

See: Basic package

Multi 7

See: Basic package

Multicultural Britain

Glasgow: CDG (Scotland) Ltd.

198-

BBC B; BBC B+; BBC Master 128; £15.50 Acorn Archimedes; IBM PC; RM Nimbus; £21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

Geography; Databases; Secondary education; Sixth form education

1853950793

An examination of the population composition of Britain in terms of extent and distribution of immigrants from Africa, Bangladesh, West Indies, Commonwealth, Europe, Far East, India, Ireland, the Mediterranean and Pakistan.

Structured modular work units accommodate all ability levels; integrate computer procedures and assist in the acquisition of knowledge and understanding, developing enquiry evaluation and analysis skills, etc. Optional Epson compatible screen dump (BBC/Nimbus only) available - £7.50 (BBC); £13.50 (Nimbus). Discounts available for purchase of any two or more datapacks - details from publishers.

Please state format required: BBC 40 or 80t disk; IBM PC (EGA/ECD only).

12-18

Multifactorial inheritance

See: Heredity pack

Multigraph

ITEM (Information Technology Educational Materials)

London: ITEM

1988

RM Nimbus; £30.00 RM Nimbus network; £60.00

1 disk; 1 guide

Business education; Primary education; Secondary education; Sixth form education; Further education; Computer graphics.

070859932

A graphics program which provides a range of display formats, including pie charts, line graphs, stacked and side-by-side bar charts. Facility for up to 8 windows on screen displaying separate charts in variety of colours, patterns, sizes, formats.

RM Nimbus PC - 186, AX and VX stations used in Nimbus mode.

5-16+

Multipl

See: Project programs : third stage

Multiplan

Richmond: Peter Bishop Associates

198-

RML 380Z; RML 480Z; RM Nimbus; £15.00 (single user licence); additional disk; £6.00

1 disk; user guide

Mathematics; Statistics; Sciences; Business education; Geography; Cross curriculum; Further education; Spreadsheets; Utilities

This utility disk transforms Multiplan spreadsheets to AlphaCalc format enabling data to be used with AlphaPlot.

RM Nimbus PC, AX or VX with at least 512K memory and one disk drive

14-Adult

Multiple choice questions

Chepstow: AVP Computing

BBC B; BBC B+; BBC Master 128; £24.50

Cross curriculum; Secondary education; Schools administration

A menu driven package aimed at providing a powerful revision aid for secondary school pupils. Up to ten questions per test are created by using straightforward typing techniques. Each question is displayed with four alternatives, presented in random order each time the test is used

Multiple slit interference

Ford, P.

Ashton-under-Lyne: Granada Educational Software

1989

BBC; RML 380Z; RML 480Z; £15.00

Disk; documentation; worksheets

Physics; Secondary education; Sixth form education; Further education; Computer graphics

Contained in Physics suite. Allows teacher to display the whole range of interference effects from single-slit diffraction through Young's double slit to multiple-slit diffraction. Helps improve understanding of difficult wave concepts.

Disk (40t). RML 380Z requires 80 character keyboard.

11-16+

Multiple switch programs

Lancaster: MARDIS

198-

£3.50

Disk

Special educational needs; Puzzles; Problem solving

For severely handicapped children. Contents: Wall (colour matching of bricks in two walls); Birds (user moves a bird to different positions - develops understanding of prepositions); Animals (switches labelled with pictures of specific animals have to be pressed either to produce the animal on screen or to correspond to the animal appearing on screen); Maze Island (manoeuvring of girl to boat)

Use 1-4 switches; Maze Island allows use of joystick or cursor keys as well

Multiples

Brown, K.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1984

BBC B; RM Nimbus; £5.00

Disk; Documentation

Mathematics; Secondary education

Allows user to investigate number patterns generated by multiplication tables on number squares. The sieve of Eratosthenes may be illustrated.

Multiplier

Randall, Ken V. (revision and original au.); Wood, Keith (economics ed.); Yates, Ian (economics ed.) et.al

Harlow: Longman Micro Software

1987

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; £19.50

1 disk; 1 documentation booklet; students' leaflets

Economics; Secondary education; Sixth form education; Further education; Simulation

0582265606 (booklet); 0582265479 (disk)

Provides a tutorial on the multiplier and a macro-economic simulation requiring budget decisions to test knowledge of multipliers, encouraging students to calculate optimal levels of government spending/taxation

BBC 40t, 5.25" DFS disk

16-19

Multiply

See: Number work programs

Multistat

Cambridge: Biosoft

198-

Apple Macintosh Plus/SE/II; £99.00

Disk; manual

Sciences; Statistics; Databases; Computer Graphics; Secondary education; Sixth form education

A statistics with graphics package, based around columns of data - up to 20 on screen at one time, each with up to 1000 data items. Columns can be transformed or combined. Will generate random numbers from four different distributions - uniform, normal, poisson, exponential. Provides a full range of descriptive and analytic statistics. Offers range of graphics capabilities - histograms, line graphs, scatter graphs, etc.

11+

MultiStore

Exeter: Minerva Software

198-

Acorn Archimedes; £299.00

Disk

Databases; Information handling

A fully multitasking database, allowing many files to be opened at one time; practically unlimited amounts of data; Fast search by key field or indices; filter subsets for rapid reference; search by any criteria; sound search; comprehensive maths facilities; macro-handling for automatic processes/calculations; records may be displayed/edited in spreadsheet format as well as different card formats; comprehensive reporting facilities; simple WYSIWYG card editor; importing/exporting facilities.

Runs under RISC OS

Multi-dot

See: Probability and statistics programs

Multi-maze

London: ALBSU (Adult Literacy and Basic Skills Unit)

1986

BBC B; £7.00

2 disks; tutor notes

Reading skills; Language; English (second language); Mathematics; Further education; Adult education; Computer games

Allows tutors to devise questions geared to the needs of a particular student. Includes 26 different mazes graded in order of difficulty.

16+

Multi-program set: Resolve; Coca; Computavisit; Micro-Life?

Sheffield: COIC Software

198-

BBC B; BBC B+; BBC Master 128; BBC Master Compact; Acorn Archimedes; RM Nimbus; £92.00

Disk

Personal and social education; Business education; Economics; Cross curriculum; Careers; Databases; Secondary education; Further education; Sixth form education

Contents: Resolve; Coca; Computavisit; Micro-Life? Programs available individually.

BBC B, B+, Master 128 (40t disks); Master Compact; Archimedes (3.5" disks); Nimbus (3.5" 720k). 40 or 80 track drive and colour monitor essential; parallel printer advisable. 5.25" disk versions run under DFS operating system. Networkable.

14-16+

Multi-program set: Supermarket; The Game's the thing; Hotel; Production line

Sheffield: COIC Software

198-

BBC B; BBC B+; BBC Master 128; BBC Master Compact; Acorn Archimedes; RM Nimbus; £68.00

Disk

Business education; Personal and social education; Careers; Cross curriculum; Secondary education; Further education; Sixth form education

Contents: Supermarket; The Game's the thing; Hotel; Production line. Programs available individually.

BBC B, B+, Master 128 (40t disks); Master Compact; Archimedes (3.5" disks); Nimbus (3.5" 720k). 40 or 80 track drive and colour monitor essential; parallel printer advisable. 5.25" disk versions run under DFS operating system. Networkable.

14-16+

Multi-Q

Kruk, Z; Day, S.

Cambridge: Biosoft

198-

IBM PC/PS2; Apple II; £ 70.00

Disk; manual

Authoring aids; Content-free programs

A general purpose question creation and presentation system, based on multiple choice tests. Allows questions to be entered and edited using Multi-Q or word processing packages. Includes revision feedback option and student scoring facility. Questions consist of a stem with up to nine true or false options, allowing for about 80 words of feedback against each option. Test papers consist of up to 50 questions from the range available

5.25" Apple II (48K RAM minimum); IBM PC DOS 2.0 or later; 3.5" disk also available

Munch monster

Glasgow: Collins Educational; Holmes McDougall Educational Publishing

198-

Adventures in maths

BBC; £10.95

Disk

Mathematics; Infant school education; Primary education; Secondary education

0715725491

A program to practise the four functions in which the teacher can define limits of the numbers used and the time limit for each question. Based on the theme of rescuing a maiden in distress

7-12

Murdac

See: Avon and Monsters of Murdac

Murder

Faithorn, Sue; Blow, Frances; Watson, Deryn; et. al

Harlow: Longman Micro Software

1986 (BBC)

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; Acorn Archimedes; £19.50 BBC Econet levels 2 & 3; SJ file server; AMCOM E-Net; RM Nimbus/Network; £30.00

1 disk; 1 teachers' guide; students' leaflets

History; Secondary education; Simulation; Puzzles; Problem solving

0582268761

A murder case simulation to help pupils investigate and explore questions such as reliability, motivation and incompleteness of evidence.

BBC 40t, 5.25" DFS; BBC 80t, 5.25"; Nimbus/Network 3.5"; Archimedes compatible 3.5" disk.

13-16

Muscle physiology

Dewhurst, D.; Brown, G.

Sheffield: Pavic Publications

198-

Sheffield bio science programs

BBC B; £19.95

Disk or cassette; manual; tutor guide

Sciences; Simulation; Biology; A level examinations; Sixth form education; Further education

A computer simulation package for practical teaching - an alternative to using live animals - which uses real experimental data to generate high-resolution graphic simulations of muscle contractions in a number of simple experiments to illustrate the physiological properties of skeletal muscle and neuromuscular transmission, modelled on the frog sciatic nerve-gastrocnemius preparation. Prints to Epson compatible printer.

BBC 40t or 80t single track disk drive; BBC cassette; monitor

Muscles

Garland, John M.

Plymouth: Garland Computing

1988

Human biology : collection 3

BBC B; BBC B+; BBC Master 128; £17.00 RM Nimbus; Acorn Archimedes; £19.80 Nimbus network; £37.45 Econet; £34.65

Disk

Biology; Physical education; Secondary education; Sixth form education; Further education; Computer graphics

Covers the function of muscles; the structure of visceral, cardiac and skeletal muscle; muscle movement, covering sliding filament action, biochemistry of muscle action and fatigue and how muscles act together to produce movement. Contained in Human biology : collection 3. Site licences, multiple copy discounts available; details from publisher

BBC 40 or 80t (please specify). RM Nimbus versions supplied with BBC- BASIC.

14-16+

Muscles and joints

See : Biology pack 10

Music

Glasgow: Collins Educational

198-

Microspecial

BBC B; BBC B+; £20.00

Disk; documentation; teacher notes

Music; Cross curriculum; Life skills; Puzzles; Problem solving; Special educational needs; Secondary education

A friendly, flexible program using a problem solving, structured approach, allowing teachers to design an individualised program, controlling difficulty level and altering data to suit requirements of pupils. Includes monitoring and assessment facility. Suitable for either individual or group use. Contained in Microspecial pack. Documentation available separately. Bulk purchases and site licences available - details from publishers.

11-15

Music box

Street: Selective Software

198-

BBC B; BBC B+; BBC Master 128; £12.00 BBC Master Compact; £14.00

Disk; teacher manual; photocopy maps

Mathematics; Primary education; Secondary education

A 3-part mathematical adventure covering the concepts of bearings, compass directions and movement on a grid, and calling for decision making, recording, logic and map-making skills.

BBC B 5.25" 40 or 80t disk; BBC Master Compact 3.5" disk

8-15

Music Logo

Pixton, Julian; Radburn, Derek

Cambridge: Logotron

1986

BBC B; BBC Master; BBC Master Compact; £16.50

1 disk, s/s; 1 user manual

Music; Mathematics; Primary education; Secondary education; Sixth form education; Further education; Dance

0951005588

An extension of Logotron Logo; some prior knowledge of Logo is assumed. Allows user to compose and play own computer-generated music using familiar musical terms and notations. As it understands its functions in terms of values, it can provide a useful means of approaching sound and music from a mathematical standpoint.

40t (80t convertible). Must be used in conjunction with Logotron Logo via the USE module.

6-16+

Music processor

Murphy, R.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1987

BBC B; BBC Master 128; £5.00

Disk; Instruction sheet

Music; Secondary education

Notes are entered directly on the staff with this easy-to-use, wordprocessor-style music program. Compose, play, save, load and print (Epson) facilities.

Music theory

Pearson, Christopher

Harlow: Longman Micro Software
1985

BBC B; BBC B+; BBC Master 128; £32.50

1 disk; 1 documentation booklet; 1 running sheet

Music; Secondary education; Sixth form
education; Further education; General
Certificate of Secondary Education

0582267765

For students learning the rudiments of music in
preparation for some parts of Grade 5 theory
and GCSE exams. Covers tone and semi-tone
recognition, scales, relative minors and majors,
key signatures, triads, identification of intervals,
transposition, etc. in treble, bass, alto clefs

BBC 40t, 5.25" DFS disk

15-17

Music theory tutor : games

Chepstow: AVP Computing

198-

Music theory tutor

BBC Master 128; £17.50 BBC Master Compact;
£19.70 Amiga; RM Nimbus; £24.50 RM
Nimbus Network; (up to 16 machines) £45.00;
(up to 48 machines) £65.00 Econet; £58.50

Disk

Music; Primary education; Secondary education;
General Certificate of Secondary Education

Two types of games: Notedown (allows pupils
to shoot notes of the treble and base clef, with
scores for accuracy and speed); Checker (tests
understanding of terms and definitions through
a question/games sequence).

Only specify 80t if you cannot use 40t disks

8+

Music theory tutor 1

Chepstow: AVP Computing

198-

Music theory tutor

BBC Master 128; £17.50 BBC Master Compact;
£19.70 Amiga; RM Nimbus; £24.50 RM
Nimbus Network; (up to 16 machines) £45.00;
(up to 48 machines) £65.00 Econet; £58.50

Disk

Music; Primary education; Secondary education;
General Certificate of Secondary Education

9 linking programs covering introduction, stave,
range of notes, clefs, sharps and flats, pitch, note
values, dotted notes and rests, note names.
Includes 2 tests on notes and one on notes and
rhythm.

Only specify 80t if you cannot use 40t disks

8+

Music theory tutor 2

Chepstow: AVP Computing

198-

Music theory tutor

BBC Master 128; £17.50 BBC Master Compact;
£19.70 Amiga; RM Nimbus; £24.50 RM
Nimbus Network; (up to 16 machines) £45.00;
(up to 48 machines) £65.00 Econet; £58.50

Disk

Music; Primary education; Secondary education;
General Certificate of Secondary Education

9 linking programs including time signature
introduction and bar lines, demonstration tune,
introduction to key signature, scales, eight major
scales, four tests.

Only specify 80t if you cannot use 40t disks
8+

Music theory tutor 3

Chepstow: AVP Computing

198-

Music theory tutor

BBC Master 128; £17.50 BBC Master Compact;
£19.70 Amiga; RM Nimbus; £24.50 RM
Nimbus Network; (up to 16 machines) £45.00;
(up to 48 machines) £65.00 Econet; £58.50

Disk

Music; Primary education; Secondary education;
General Certificate of Secondary Education

8 linking programs covering introduction to
minor scales, four minor scales, two minor scales
and hints, introduction to intervals, harder
intervals, three tests.

Only specify 80t if you cannot use 40t disks

8+

Music theory tutor 4

Chepstow: AVP Computing

198-

Music theory tutor

BBC Master 128; £17.50 BBC Master Compact;
£19.70 Amiga; RM Nimbus; £24.50 RM
Nimbus Network; (up to 16 machines) £45.00;
(up to 48 machines) £65.00 Econet; £58.50

Disk

Music; Primary education; Secondary education;
General Certificate of Secondary Education

12 linking programs including introduction to
major and minor chords, scale degree names,
bass clef, pentatonic scales, whole tone and
twelve tone scales, dynamics, Italian terms, two
programs on ornaments, three tests.

Only specify 80t if you cannot use 40t disks

8+

Music tutor

Duncan, Keith

Plymouth: Garland Computing

1983

BBC B; BBC B+; BBC Master 128; £13.85
Econet; £31.50

Disk

Music; Sixth form education; Further education

Allows user to write musical composition; music
may be entered using the keyboard as an organ
with length of keystroke timed or each note may
be entered using standard notation, specifying
the letter and duration of the note. Allows tunes
to be edited; bar-lines inserted; tunes to be saved
to disk or printed. Site licences, multiple copy
discounts available; details from publisher.

BBC 40 or 80t (please specify)

9+

Music 1 (compose)

Pierson, Andy

Nottingham: Shell Centre for Mathematical
Education

1986

BBC B; BBC B+; BBC Master 128; £15.00
Acorn Archimedes; RM Nimbus; £17.50 Special
needs version for BBC 40 & 80 track; £20.50

Disk (40/80 t); booklet

Music; Computer graphics; Special educational
needs

0906126347

This program allows one to compose simple or
more complex tunes using sets of nine phrases
each represented by a picture. A version of
Compose aimed at meeting special educational
needs is also available for BBC only which allows
input from either the concept keyboard or single
or double switches for £20.50. Extra Tune files
for compose available from Andy Pierson,
E.S.P., Holly Tree Cottage, Main Street,
Strelley, Nottingham. Compose Play available
from Andy Pierson also.

Networks not supported

5-14

Mussolini's Italy

London: Sussex Publications Ltd; World
Microfilms

198-

History revision on micro-computer

BBC B; BBC B+; £18.95 Econet level 2; £29.95

Disk; manual

History; Secondary education; General
Certificate of Secondary Education

Practical revision aid, with features including
introductory material and maps where relevant.
Includes examination hints. Available in set:
History revision on micro-computer

BBC 40t or 80t disk

11+

MX plus C

See: Teaching with a micro : maths 4

My birthday

See: Reading aid 3

My word

Chepstow: AVP Computing

BBC B; BBC B+; BBC Master 128; £19.50

Cross curriculum; English; Language;
Secondary education

A word game for up to nine players

11+

Myself

See: Science start here. 1: Weather, Birds, Mypet

Mysteries of Lamcote Manor

Collins, Stuart

Spalding: Somasoft Educational Software order
via Chalksoft Ltd

198-

BBC B; BBC B+; BBC Master; RM Nimbus;
£13.00 BBC Master Compact; Acorn
Archimedes; £15.00

Disk 40t/80t/3.5"; booklet; copy sheets

Cross curriculum; Infant school education;
Primary education; Adventure simulation;
Computer graphics

Includes 8 mysteries for children to solve in
order, requiring observation and logical skills
and a willingness to explore

Please state whether 40-track or 80-track disks

are required. Option to print to Epson-type printer

6-9

Mystery

Glasgow: Scetlander

BBC B; BBC B+; BBC Master 128; £7.50

Disk; documentation

Cross curriculum; Databases; Infant school education; Primary education; Special educational needs; Computer games; Data processing; Content free programs; Computer graphics

1855720868

A content free program to encourage systematic and logical thinking in deducing a mystery word from clues hidden in six closed boxes. Includes program editor to enable users to write own files. Provides insight into data storage/retrieval systems.

BBC 5.25" disk

6-12

Mystery

Glasgow: Collins Educational

198-

Microspecial

BBC B; BBC B+; £20.00

Disk; documentation; teacher notes

Language; Computer studies; Cross curriculum; Life skills; Puzzles; Problem solving; Special educational needs; Secondary education

A friendly, flexible program using a problem solving, structured approach, allowing teachers to design an individualised program, controlling difficulty level and altering data to suit requirements of pupils. Includes monitoring and assessment facility. Suitable for either individual or group use. Contained in Microspecial pack. Documentation available separately. Bulk purchases and site licences available - details from publishers.

11-15

Mystery island

Brighton: Tressell Publications

198-

BBC B; BBC B+; BBC Master 128; BBC Master Compact; Econet; £20.00

Disk; documentation

Language; English; Creative writing; Word processing; Secondary education

0907586597

A creative writing program in which pupils make their own pictures and then compose a story based on those, using the on-screen editor. Scenes to choose from include beach, wreck, cave, castle and wood, and any of 50 'transfers' can be called up to be placed onto the background scenes. Word processor and spelling checker included, and print facility available using the screen dump. Also available in pack with Frankie's house @ £30.00+VAT for the two.

BBC 40/80t disk; 80t disk can be transferred to Econet levels 2 & 3

9-12

Mystery machine

See: Fun school for over 8s

Mystery numbers

See: Monster maths

Myword

Northampton: Northamptonshire Computer Education Centre

198-

RM Nimbus; £25.00

Disk; documentation

Creative writing; Word processing; Infant school education; Primary education; Content free programs

A complete whole-word word processor with storage banks of words which can be used to create sentences. Content free option allows teacher to input specific words. Bulk purchase discounts and licences available - details from publishers.

Mouse or keyboard operated

5-7

M128 Fileserver utilities

St. Albans: Beebugsoft Ltd

198-

Econet; £19.95 (£18.95 members' discount price)

Utilities

Name the square

Dary, J.

Gravesend: Fernleaf Educational Software Ltd

198-

BBC B (disk); £11.26 BBC B (cassette); £8.65

Disk or cassette

Language; Primary education; Secondary education; Puzzles; Problem solving; Computer games

Contained in Games of deduction. Designed for use with small groups of children. The object is to deduce where each of three colours are placed in a given number pattern in a grid in as few questions as possible.

8-13

Naming organic compounds

McCue, Graham

Harlow: Longman/Logotron

1985

BBC B; BBC B+; BBC Master 128; £33.00

1 disk, s/d; 1 documentation booklet; 1 running sheet

Chemistry; Biology; Secondary education; Sixth form education; Further education

0582267757

Provides graphic examples to demonstrate usage of the IUPAC system of nomenclature. Covers unsubstituted alkanes, haloalkanes, nitro compounds, alcohols; branched chains, alkenes and alkynes, carboxylic acids and acid halides, aldehydes, ketones and esters, primary amines, amides and nitrites

16-19

Napoleon at war : battle of Eylau

Wright, K.

London: Cases Computer Simulations Ltd

1986

Spectrum 48/128K; £8.95

Cassette

History; Simulation; Computer games; Puzzles; Problem solving

User plays Napoleon with the computer controlling the Russian and Prussian armies using a high level of intelligence for its attack/defence strategies and in the optional system of directing the player's French troops using the Corps Commanders, who can assess situations, suggest alternative strategies and report on battle progress, and also the directing the Artillery Commanders who select the best targets within their range.

11-Adult

National income and expenditure diagram

Reynolds, David; Hurd, Stephen; Watson, Deryn

Harlow: Longman Micro Software

1987

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; £19.50

1 disk; 1 documentation booklet; students' leaflets

Economics; Secondary education; Sixth form education; Further education

0582024560

Allows students to explore the national income/expenditure graph to introduce/reinforce the concepts of total expenditure, equilibrium level of national income; deflationary/inflationary gaps and the multiplier effect

BBC 40t, 5.25" disk

16-19

National Information Base : VHSEND database disk

Coventry: NCET/MESU, National Information Base

1988 (Nov)

BBC B;

80t; 1 disk; d/s; 1 letter; 2 overlay sheets

Viewdata; Databases; Special educational needs

A self booting offline version of the database provided on Prestel by the National Information Base; also available in paper format from the National Information Base. The National Information Base is funded by MESU.

Nationalists : 1840-1870

Chepstow: AVP Computing

198-

History of music tutor

BBC Master 128; BBC Master Compact; RM Nimbus; Amiga; £24.50 Econet; £58.50

Disk

Music; History; Secondary education; Sixth form education; Further education

Provides a quick understanding of or reference to the repertoire and main characteristics of musical style of the period - Wagner, Brahms, Liszt, Bruckner, the Strausses; music from Europe, including France, Belgium, and Russia. Includes introduction detailing social, political and other aspects influencing the period and a chronological list of composers and their works.

Only specify 80t if you cannot use 40t disks.

11+

NATO

Glasgow: CDG (Scotland) Ltd

BBC B; BBC B+; BBC Master 128; £15.50
Acorn Archimedes; A3000; IBM PC (EGA/
ECD); RM Nimbus; £ 21.50

Geography; Information handling; Data
processing; Secondary education; General
Certificate of Education

1853950777

An examination of the military status of NATO
countries in terms of land, sea and air forces
available as well as defence and equipment
budgets

14-18

Natural Selection

See: WSS biology pack 2

Nature park adventure

Hosler, Simon

Sherston: Sherston Software

1987

BBC B; BBC B+; BBC Master; BBC Master
Compact; Acorn Archimedes; Acorn A3000; RM
Nimbus; (single pack) £23.00 BBC B; BBC B+;
BBC Master; BBC Master Compact; Acorn
Archimedes; Acorn A3000; RM Nimbus; (small
lab pack) £46.00 BBC B; BBC B+; BBC Master;
BBC Master Compact; Acorn Archimedes;
Acorn A3000; RM Nimbus; (large lab pack)
£69.00 BBC Econet; £49.00

Single pack: 1 disk; 2 "flippies"; 1 teacher's
booklet; 1 children's booklet; 13 topic cards;
concept keyboard overlays (A3, A4); National
curriculum flowcharts Small lab pack: 1 copy of
full pack plus 5 extra copies of disk Large lab
pack: 2 copies of full pack plus 10 extra copies
of disk

Mathematics; Language; Ecology; Primary
education; Computer graphics; Adventure
simulation; Biology

Pupils find and rescue rare butterflies stolen
from the nature park, encountering lots of
animals, identifying leaf shapes, animal tracks,
butterflies and birds correctly, and solving
mathematical puzzles on the way

BBC 40t 5.25" DFS; BBC 80t 5.25" DFS; BBC
Compact 3.5" ADFS disk. 3.5" DFS and 5.25"
ADFS disks also available. All packs now sold
are compatible with the concept keyboard,
upgrades for older versions are available @ £3.00
7-9

NB labDriver

Newbury: National Instruments

198-

Apple Macintosh II; £156.00

Disk

Sciences

A high-level software module for developing
data acquisition applications with the NB Series
boards for the Macintosh II, integrating the
hardware capabilities with the user's high level
programming environment. Driver routines
provide functional support for analogue, digital
and timing input and output and Real Time
System integration. May be accessed directly
from any language supporting system toolbox
device manager calls and higher level language
interface libraries are provided for Lightspeed C,
MPW C and MS BASIC.

For Macintosh II.

NB series data acquisition boards

Newbury: National Instruments

198-

Apple Macintosh II; £885.50 - £1,404.90

Disk

Sciences; Control technology; Data processing;
Information handling

Provides data acquisition and control capability
for the Macintosh II. Features include analogue
to digital and digital to analogue conversion,
digital I/O, event timing, IEEE-488 interface;
full software support under the LabVIEW
software system and conventional languages
such as C, BASIC, FORTRAN, Pascal and
Assembly; Real time system integration enabling
direct communication between boards for
precise timing and synchronisation capabilities.
For Macintosh II.

NCD-III : local viewdata package

Abingdon, Oxford: Whittle Systems

198-

RM Nimbus; £125.00

Disk; 2 manuals; 2 function keycards

Viewdata; Communication; Databases

A complete package allowing schools to create
and maintain a viewdata database. Can be used
on a single stand-alone machine or on a network.
Also provides communications facilities through
terminal software, allowing connection to both
viewdata and text based services such as Prestel
and TTNS using most modems.

Ncroach

See: Teaching with a micro : maths 4

NEA case study

Doncaster: RESOURCE

198-

BBC B; BBC Master 128; Acorn Archimedes;
RM Nimbus; £16.50

Disk; documentation

Business education; Simulation; Secondary
education

A case study simulation of the day to day running
of a small business - the North East Area
Cleaning Consultants. Covers personnel files,
payroll slips; training; holidays etc. LEA/
Regional licences and bulk purchase discount
available.

BBC B/Master 5.25" 40t DFS; 80t DFS
available - £1.50 surcharge per disk.

14+

Nearest neighbour analysis

St. Just: MJP (Michael Jay Publications)

198-

BBC B; BBC B+; BBC Master; £14.95 RML
Nimbus; details from publishers

Disk

Geography; Computer graphics; Statistics;
Secondary education; Sixth form education;
Further education

A package demonstrating typical point
distributions (random; clustered and uniform);
allowing user-generated point distributions to be
input, plotted and analysed with the values of
the nearest neighbour statistic and "D-obs"

calculated; and testing the resultant values for
significance.

BBC 40t disk unless otherwise requested.

12-16+

Needle

See: Secondary maths 3

Neighb

See: Hatfield computer aided geography pack

Nervax

London: ILECC (Inner London Educational
Computing Centre)

198-

RML 380Z; RML 480Z; RML network; £100

1 disk; 1 handbook

Sciences; Biology; Secondary education; A level
examinations; Further education; Simulation

The program simulates an experiment in which
the response of a nerve or axon to electrical
stimulation is investigated, using a double patch
simulator and a cathode ray oscilloscope are
connected to electrodes fixed to the tissue.

14+

Nerve

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; Electron
(BBC DFS); £19.50 RM Nimbus; £24.50
Econet; £58.50 RM Nimbus network; (up to 11
machines) £45.00; (up to 48 machines) £65.00
BBC Master Compact; £21.70

Disk

Biology; Secondary education; Sixth form
education; Further education; Adult education;
A Level Examinations; Simulation

A 3-part interactive aid to understanding the
basic processes of the nervous system. Covers
theoretical background of resting and action
potentials; simulations of the frog sciatic nerve
experiments; graph plotting facility for results
obtained in previous sections.

Only specify 80t if you cannot use 40t disks.
15-19

Nerve impulse

King, Barry

Harlow: Longman/Logotron

198-

BBC B; BBC B+; BBC Master 128; £21.00

Disk

Biology; Secondary education; Sixth form
education; Further education

Uses animated diagrams to illustrate nerve
impulse in non-myelinated and myelinated
nerves.

BBC 40t, 5.25" DFS disk;

16-19

Nerve physiology

Dewhurst, D.; Meehan, A.

Sheffield: Pavic Publications

198-

Sheffield bio science programs

BBC B; £19.95

Disk or cassette; manual; tutor guide

Sciences; Simulation; Biology; A level examinations; Sixth form education; Further education

An interactive computer simulation package for practical teaching - an alternative to using live animals - derived from real experimental data, simulating a number of experiments on the frog sciatic nerve preparation to illustrate the important properties of nerves. Simulations are displayed on a facsimile of an oscilloscope screen, from which students take measurements. Prints to Epson compatible printer.

BBC 40t or 80t single track disk drive; BBC cassette; monitor

16+

Nervous and endocrine systems

See: Human biology. 2: Nervous and endocrine systems. The eye and ear

Nervous system

See: Biology pack 11

Network

See: Neurosim

Network bumper pack 1

Swansea: HS Software

1988

Read-right-away

BBC/Master/networks; £49.95

Disk; INSTALLER disk

English; Reading skills; Primary education; Computer graphics

Contents: Reading packs 1 (Splashdown - simple word building; Firefight - consonant pairs); 2 (Pyramids - ch, sh, th, wh; Sploosh - double vowels); 3 (Magic E - magic E spelling rule; Break-in (soft "c", soft "g" sound); 4 (Sortout - alphabetical sorting of letters/words; Letterbugs - unscrambling hidden words).

BBC Network 80t disk (can also be used in stand-alone machines)

5-11

Network operator 2

St. Albans: Beebugsoft Ltd

198-

Econet; £42.55 (£42.55 members' discount price)

Utilities

Neuromancer

Langley, Nr. Slough: Electronic Arts Ltd

198-

PC; £24.99

Disk

Computer games

A role-playing game, based on the book by William Gibson, which places the player in 21st century Japan, as a futuristic hacker in a greedy world hooked into a vast computer system.

Also available on 3.5" disk for PC.

Neuromuscular pharmacology

Dewhurst, David; Brown, Guy; Collins, Godfrey

Sheffield: Pavic Publications

198-

Sheffield bio science programs

BBC B; Econet; £60.70

Disk or cassette; student record booklet

Simulation; Sciences; Biology; Sixth form education; Further education; A level examinations

Simulations of experiments performed on the sciatic nerve - tibialis anterior muscle of the cat to illustrate important differences in the action of depolarizing and non-depolarising neuromuscular blocking agents. A realistic alternative to the use of animals.

BBC 40t or 80t disk; BBC cassette; monitor and printer (optional)

16+

Neurosim

Heitler, W.J.

Cambridge: Biosoft

198-

IBM PC/PS2 and compatibles; £99.00

Disk; manual

Sciences; Secondary education; Sixth form education; Further education; Adult education; Simulation

4 programs for teaching neurophysiology, based on simulations. Contents: Cable (simulates passive conduction in a long length of axon); HH (simulates the Hodgkin-Huxley equations for production of action potential); PSP (simulates the post-synaptic potentials developed by a neurone in response to various types of synaptic input); Network (simulates rhythmic properties of a simple neural network).

5.25" or 3.5" disk; requires 256K RAM minimum; DOS 2.0 or later; graphics card (CGA/EVA)

11+

Neuro-sys

Bunt, S.M.; Whitehorn, M.A.F.

Cambridge: Biosoft

198-

IBM PC/PS2 and compatibles; £50.00

Disk; manual

Sciences; Biology; Simulation; Computer graphics; Sixth form education; Further education; Adult education

A tutorial teaching and testing the basics of neuroanatomical techniques commonly used to trace nerve fibres and their interconnections. Covers histological staining; enzyme histochemistry; monoclonal antibodies; silver staining; fluorescent tracers, HRP and autoradiography.

5.25" or 3.5" disk; requires 256K RAM minimum; DOS 2.0 or later; CGA/EGA or HGA

18+

New community suite

Scottish Committee on Environmental Studies, Project Steering Group (au.); Scott, M. (programmer); Armstrong, P. (programmer)

Glasgow: Scetlander

Creative software for education

BBC B; BBC B+; BBC Master 128; £25.00

6 disks; Teachers' notes

Environmental education; Sociology; Geography; Secondary education; Computer graphics

1855720582

A range of integrated programs which introduces and expands on many of the problems involved in setting up a new town - e.g. its siting; housing and budgeting provision. Stimulates discussion and research

BBC 5.25" disk

10-15

New friends

Chester: PRISMA Software

198-

New series: Play and read plus

BBC B; BBC Master; £32.80 BBC Master Compact; RM Nimbus; £35.80 IBM PC and compatibles; details from publishers

Disk; documentation (4 intermediate reading books; 1 story book; 6 word cards; 1 instruction book; 1 teacher handbook; copiable work progress sheet); story cassette

Reading skills; Spelling; Creative writing; Computer games; Special educational needs; Infant school education; Primary education;

Teaches a vocabulary of 54 words, introduced by a story on cassette, and computer graphics and keywords on screen.

5+

New game

Chester: PRISMA Software

198-

New series: Play and read plus

BBC B; BBC Master; £32.80 BBC Master Compact; RM Nimbus; £35.80 IBM PC and compatibles; details from publishers

Disk; documentation (4 intermediate reading books; 1 story book; 6 word cards; 1 instruction book; 1 teacher handbook; copiable work progress sheet); story cassette

Reading skills; Spelling; Creative writing; Computer games; Special educational needs; Infant school education; Primary education;

Teaches a vocabulary of 54 words, introduced by a story on cassette, and computer graphics and keywords on screen, through a computer game in 5 sections, each section divided into 5 levels. Introduces capital letters in the third section; punctuation is introduced gradually.

5-11

New number snap

Backwell, Bristol: Arrowssoft Educational Software

198-

BBC B; BBC Master; £12.50

Disk

Preschool education; Infant school education; Primary education; Special educational needs; Computer games; Computer graphics

5 game format exercises to help recognition of the numerals 0 to 9, as children are required to count and to relate the written numerals to their counting. Optional sound to reinforce learning. Concept keyboard compatible.

3-7

New shoes

Chester: PRISMA Software
198-

New series : Play and read plus

BBC B; BBC Master; £32.80 BBC Master Compact; RM Nimbus; £35.80 IBM PC and compatibles; details from publishers

Disk; documentation (4 intermediate reading books; 1 story book; 6 word cards; 1 instruction book; 1 teacher handbook; copiable work progress sheet); story cassette

Reading skills; Spelling; Creative writing; Computer games; Special educational needs; Infant school education; Primary education;

Teaches a vocabulary of 54 words, introduced by a story on cassette, and computer graphics and keywords on screen, using the same computer game as in New game.

5+

New squares

See: Basic package

Newcastle handisystem

Edinburgh: CALL (Communication Aids for Language and Learning) Centre
198-

Apple Macintosh; details from publishers

Disk; manual

Special educational needs

Public domain software

News bulletin

See: MAPE tape 4 on disk (BBC version)

News bulletin : a local viewdata package

Keeling, Roger; Harris, Simon
Birmingham: Newman Software
1987

BBC Master 128; BBC Master Compact; Econet; RM Nimbus; RM Nimbus network; £25.00

1 disk; 1 documentation booklet

Cross curriculum; Primary education; Databases; Information handling Secondary education; Viewdata

A local viewdata package that can be used to create 'electronic magazines' up to 40 pages. The program is menu driven and has a moving message reel displayed at the foot of the screen. The BBC version of this program is available on MAPE tape 4 on LEA licence

Version 1.1 Nimbus

7-16

Newsagent

Weston, Peter R.; Simpson, Mary
Doncaster: RESOURCE

1982

BBC B; BBC Master 128; RM Nimbus; £18.95 E-Net; £32.95 Econet; £29.95

1 disk; teacher guide + additional sheets; pupil documentation Econet/E-Net packs include 5 sets student documentation

Data processing; Simulation; Secondary education; Sixth form education; Further education

0903885263

A case study and simulation of a newsagent's customer record system, handling payments and providing limited customer information. Two programs, Payment and Update, help provide students with an understanding of data processing principles, allowing them to investigate the possibility of errors, though they will run successfully if valid data is entered. LEA/Regional Licences and bulk purchase available

BBC 5.25" 40t DFS; Econet 5.25" 40t; E-Net 5.25" 40t. 80t DFS disks available - £1.50 surcharge per disk

16+

Newsdesk

Glasgow: Scetlander

Econet (level II or III) £37.50

Disk; teachers' notes, pupils' notes, technical notes

Business education; English; Reading skills; Primary education; Secondary education; Information handling; Desktop publishing; Word processing

1855720523

Enables pupils to adopt roles as editor, journalists, typesetters, printers. Encourages discussion of a wide range of topics and develops reading skills. Ideal for production of class newsletters, etc.

Econet level II or III 5.25" disk

9-16

Newsmaster

Studley: LTS (Learning and Training Systems)
198-

Acorn Archimedes with PC emulator; RM Nimbus PC/AX/VX with 1MB (works on Nimbus network); IBM PC compatibles with 256k; (5.25" or 3.5" disk); £69.95

Disk

Desktop publishing; Word processing; Primary education; Secondary education; Sixth form education; Further education

Powerful desktop publishing package which supports over 170 dot matrix, ink jet and laser printers; 34 fonts; WYSIWYG screen; 8 levels of zoom; line and box drawing; 200 pieces of "clip art". Comprehensive range of text and graphics tool. Artwork editor - details from publishers

Network software on 80t DFS with transfer instructions. For stand alone software, please specify format required

10-18+

Newspaper

RCEVH (Research Centre for the Education of the Visually Handicapped)

Oldham: Northwest SEMERC

198-

BBC B; BBC B+; BBC Master 128; £7.00

Disk; documentation

Special educational needs; Life skills; Infant school education; Primary education; Secondary education; Communication

For schools who wish to create a regular newspaper made up of a selection of pages from teletext, facilitating access to information of all sorts, and building general knowledge and interest in outside world. Allows user to create a disk which can be used to create the desired short "newspaper". If user has Centre Printer

disk the newspaper can be printed in large characters on a dot matrix printer. If user has Text to Braille and a Braille Embosser it can be translated and output in Braille.

Requires Teletext adaptor and good quality TV aerial.

5+

NewSPaper artwork disks

Leamington Spa: SPA (Software Production Associates)

198-

IBM PC; RM Nimbus; RM Nimbus Network; £12.00 RML 480Z; RML 480Z Network; £10.00

Disks

Art; Utilities; Desktop publishing; Design; Language

Contains illustrations, symbols, pictures, etc for use with NewSPaper pages. Volume one also contains pictures specifically for language teaching

IBM machines require colour EGA or VGA graphics. Further details available from publisher

6-16+

NewSPaper desk top publishing by SPA

Leamington Spa: SPA (Software Production Associates)

1987

IBM PC; RM Nimbus; £75.00 RML 480Z; £65.00 IBM PC Site; Nimbus Network £199.00 RML 480Z Network £179.00

2 disks; 1 Newspaper notebook; 1 Don't panic sheet; 1 Newspaper reference manual

Design; Art; Creative writing; Computer graphics; Language; Primary education; Secondary education; Sixth form education; Further education; Desktop publishing

Easy to use desk top publishing for classroom use. Enables user to design pages combining text and graphics, change page layout and print. Tasks presented as though jobs in a newspaper office - Editor's office, Reporter's desk; Illustrator's studio; Printer's workshop.

IBM PC requires colour EGA or VGA graphics RML 480Z requires two disk drives or silicon disk. Silicon disk recommended for RML 480Z network

6-16+

NewSPaper extra font disks

Leamington Spa: SPA (Software Production Associates)

198-

IBM PC; RM Nimbus; RM Nimbus Network; £12.00 per disk RML 480Z; RML 480Z Network; £10.00 per disk

Disks

Art; Modern languages; English; Language; Music; Design; Utilities; Desktop publishing

Extra font disks are available for NewSPaper with 25-28 fonts and several different typefaces. Languages included are: German; Swedish; Italian; French; Punjabi; Spanish. A disk of music fonts is available for Nimbus.

IBM machines require colour EGA or VGA graphics. Further details available from publishers.

6-16+

NewSPaper laser support

SPA (Software Production Associates)

Leamington Spa: SPA (Software Production Associates)

1989

IBM PC; RM Nimbus; £59.00 IBM PC Site; RM Nimbus Network; £139.00 RML 480Z Network; 130.00

d/s; 1 disk; 1 documentation booklet; 2 introductory sheets

Design; Computer graphics; Language; Primary education; Secondary education; Sixth form education; Further education; Desktop publishing; Utilities

May be used in conjunction with NewSPaper package to enable user to print out newspaper pages on laser and other printers that support the Postscript printer language.

IBM machines require colour EGA or VGA graphics. PostScript laser printers only.

6-16+

NewSPaper utilities

Leamington Spa: SPA (Software Production Associates)

198-

RM Nimbus; RM Nimbus Network; £12.00

Utilities; Desktop publishing; Primary education; Secondary education; Sixth form education; Further education

Useful extra utilities for NewSPaper, such as joining libraries together, exporting text from Reporter's desk in ASCII; copying a page and its contents to another disk.

IBM machines require colour EGA or VGA graphics.

6-16+

Newsroom

ITEM (Information Technology Educational Materials)

London: ITEM

1988

RM Nimbus network; £15.00 (without Simtex) RM Nimbus network; £25.00 (with Simtex)

1 disk; 1 activity pack

Communication; Media studies; Information handling; Secondary education; Sixth form education; Further education

0708599257

A simulation providing news files for use with Simtex and sample viewdata pages for use with IRevolver. The Simtex files are taken from original telexes. Students produce word processed articles, viewdata or record broadcasts

IRM Nimbus PC - 186, AX and VX stations used in Nimbus mode

116+

INewton

See: Secondary maths 3

INewton's cannon

See: Gravity pack : three simulations of forces and fields

INext letter

See: Laser letters

Nim

See: Breaktime games

Nim

See: Secondary maths 1

Nimbits

Northampton: Northamptonshire Computer Education Centre

198-

RM Nimbus; £10.00

Disk; documentation

Control technology; Primary education; Secondary education

Enables the Nimbus computer to be used to control simple devices such as motors and lights. Bulk purchase discounts and licences available - details from publishers.

Requires Parallel Piconet Module or BBC I/O interface card and a suitable buffer box.

5+

Nimbus Logo gallery

Leamington Spa: SPA (Software Production Associates)

1987

RM Nimbus; £14.00 RM Nimbus Network; £32.00

Network version; 1 disk; 1 documentation booklet

Mathematics; Art; Pre-school education; Infant school education; Primary education; Secondary education; Computer graphics; Utilities

An extension to RM Logo which keeps pictures on disk and fetches them later. Will also fetch pictures created by NewSPaper, PaintSPA or Basic. Logo Pictures can be loaded into PaintSPA or NewSPaper.

4-15

Nimbus primary designer

Amy, Richard

Newtown: Linear Graphics Ltd

1990

RM Nimbus PC186; £45.00

Disk

Design; Craft, design, technology; Art; Word processing; Primary education; Computer assisted design

A simple to use design package, featuring both text and drawing functions. Utilizes 7 text fonts and 2 clip-art fonts. Provides on-screen instructions and help messages. Includes CAD package enabling pupils to explore the generation of rectangles, lines, polygons, circles and ellipses.

For RM Nimbus PC186. Keyboard or mouse driven

7+

Nimbus Quest transfer disk

Hatfield: Advisory Unit

198-

RM Nimbus; £7.00

Disk; booklet

Utilities; Primary education; Secondary education

Utilities to covert RM Nimbus Quest datafiles to and from database external format; dbase external format; FIF format, and to convert 380Z/480Z to Nimbus format. Bulk order discounts available.

7+

Nimbus special offer

Halifax: Careersoft

198-

RM Nimbus; £80.00

Disks;

Careers; Life skills; Business education; Personal and social education; Secondary education; Further education; Sixth form education; Databases; Data processing; Word processing; Information handling; Cross curriculum; Schools administration

Contents: C.V. and letter of application processor; Moving on; Classify it; Enterprise/business plan processor; Work experience administration package. Programs available individually

Nimbus (3.5" 720k disk). Most programs network (not work experience package)

14-18+

Nimbus utilities

London: ILECC (Inner London Educational Computing Centre)

198-

RM Nimbus; RM Nimbus network; £12.00

1 disk; 1 booklet

Computer programming; Computer studies; Secondary education; Further education; Information handling; Utilities

The twenty-five programs on this disk include file attribute and handling programs, directory handling programs, listing programs, pipe commands and miscellaneous programs. Some are RM specific, others are generic MS DOS/PC DOS programs and will work on all Intel-based MS DOS computers.

RM specific or MS DOS/PC DOS programs work on all Intel-based MS DOS computers

11-16+

Nineteenth century England

Canning, Roberta

Bangor: Akadimias

198-

Tutor series : British and European history

BBC B; BBC Master 128; Econet levels 2 & 3; Acorn; RM Nimbus PC 186; RM Nimbus AX series; Nimbus network; Amstrad 6128 & PCW; IBM PC compatible; £25.00 (includes site licence for up to 10 terminals)

Disk; study booklet; reading list

History; Secondary education; Sixth form education; Further education; A level examinations

A program to test student knowledge with questions in a multiple choice format, in either a random or sequential order, and with various user selectable time-bases against which the test may be taken. Facilities for revision; sequential, random test modes; with four time based skill levels in each test mode. Topics are : England, 1815-1830; whigs and reform, 1830-1841; England, 1840-1848; the age of Palmerston. Discounts available: details from publisher
BBC 40 or 80t disk (please specify). Acorn DFS

& ADFS; RM Nimbus 3.5" disk; Amstrad disk;
IBM PC 5.25" or 3.5" disk (please specify).
16+

Noah's ark

Glasgow: Collins Educational; Holmes
McDougall Educational Publishing
198-

Adventures in maths

BBC; £10.95

Disk

Mathematics; Infant school education; Primary
education; Computer games

0715725475

A program to practise number bond skills up to
100, based on the theme of counting the animals
in Noah's ark. Four levels - up to 10; up to 20
up to 50 (in 5s) and up to 100 (in 5s)

6-8

Noise

GSN Software

Ashton-under-Lyne: Granada Educational
Software

1989

BBC B; £14.95

Disk; teacher's guide

Sciences; Physics; Simulation; Computer
graphics

Contained in Science and technology software :
pack 2. Allows pupils to experiment with the
design of an airport, using noise absorbing
bunds, and the operation of aircraft using various
combinations of engine power and rate of climb.
Graphically displays resulting noise contours.

Disk (40t)

Noise

See: Car design and Noise

Nomad

See: Introducing geography

Nominal ledger

Exeter: Minerva Software

198-

DeltaPlus accounts

Acorn Archimedes; £64.95 BBC B; BBC B+;
BBC Master 128; Master Compact; £45.95

Disk

Business education; Secondary education; Sixth
form education; Further education

Allows over 8000 user-definable accounts; as
many bank accounts as required; double entry
book-keeping, including cashbook, journals, trial
balance, profit and loss, balance sheet; output
facility to spreadsheet. Integrates with Sales and
Purchase ledgers. Option for accounts to exceed
12 month rading period; password security.
Archimedes version utilises extra screen
facilities, has greater speed and storage capacity
and additional facilities. Site licences available.

Require the use of System Delta commands
which are supplied with System DeltaPlus.

12-16+

Normal distribution

See: Geography data processing. 2: Statistical
methods

Normal distribution

See: Ecology data processing. 2: Statistical
methods

Norman England : programs 1-4

Io Software; Dary, John; Holst, Tristen

Gravesend: Fernleaf Educational Software Ltd
1986

BBC B; BBC B+; BBC Master; (cassette or disk)
£31.26

40t; 1 disk or cassette; 1 documentation booklet

History; Primary education; Secondary
education; Puzzles; Problem solving

Contents: The thegn; The knight; The villein's
wife; The bordar's daughter. For use with small
groups of children. Four programs about people
in Norman England from May 1066 to July
1067. Decisions made in The thegn affect events
in the other programs through the use of code
words. Programs available individually

8-12

Normans : resources pack

Gravesend: Fernleaf Educational Software Ltd
198-

Fernleaf Dramas

BBC B; BBC B+; BBC Master 128; BBC Master
Compact; RML 480Z; RM Nimbus; £69.95
Econet network; Nimbus network; £99.95

Disk; documentation

History; Primary education; Secondary
education

A pack of learning materials comprising the
Norman England computer program; the Our
Domesday Village class work pack; the Norman
Conquest wall chart and the Bayeaux Tapestry
full colour book which opens out to a frieze of
over 10 metres in length.

Please state make/model of computer; network
system; disk size and printer.

9-13+

North Sea oil exploration

Durham County Council

Durham: Northern Micromedia

198-

BBC B; £12.00

Disk; resource pack

Mathematics; Geography; Cross curriculum;
Primary education; Secondary education;
Simulation

A simulation of a search for oil in the North
sea, with pupils working as oil companies, taking
charge of surveys, applying for licences, drilling
and testing. Develops teamwork and decision-
making skills. Intended to be used as part of a
project on Oil.

9-13

Norvaders

See: Games : disk 4

Notedown

See : Music theory tutor : games

NoteWriter

London: MCMXCIX

198-

Apple Macintosh; £225.00 (25% education
discounts available)

Disk

Music

A flexible precise musical drawing and page
layout system, accommodating a wide range of
musical styles and complexity and page form
Allows all musical images to be positioned
anywhere on the page, and pages to be freely
modified. Includes extensive symbol library;
supports text for lyrics with standard PostScript
fonts; provides variety of input methods, e.g.
QuickScrawl method allowing user to draw
freehand musical notations on the staff. Uses
Adobe's Sonata font; includes own PostScript
routines for output to PostScript compatible
devices.

Works on current Macintosh systems with at
least 1Mb RAM; please check required
configuration.

Notice board

See: Information handling pack

Noticeboard

See: Notice board and chatterbox

Noughts and crosses

See: Games : disk 2

Nova

Exeter: Minerva Software

198-

IBM compatibles; single user or network
versions; details from publishers

Disk

Business education; Secondary education;
Primary education; Sixth form education;
Further education

A multitasking complete office automation
system - includes central/individual diaries;
address books; calendar with meeting planner;
internal message transfer; bulletin board;
electronic mail; notebook; calculator and
conversion tables; reminders and alarms;
individual system menus; password security;
Add-in facility.

8-16+

Nuclear reactor

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £19.50 BBC
Master Compact; £21.70 Acorn Archimedes;
IBM PC and compatibles; RM Nimbus; £24.50
RM Nimbus network; (up to 16 machines)
£45.00; (up to 48 machines) £65.00 Econet;
£58.50

Disk

Physics; Secondary education; General
Certificate of Secondary Education; Computer
graphics

Demonstrates/explains nuclear fission and the chain reactions; the functions and interrelationships of the main parts of a nuclear power station, allowing investigation of relationships between different conditions and the effects of inadequate control procedures. Compares Magnox/AGR reactors. Includes multiple-choice test section.

Only specify 80t if you cannot use 40t disks.

14-16

Nuclear reactor simulation

Allchin, Adrian; Garrick, Mike; Tebbutt, Maurice (et. al.)

Harlow: Longman Micro Software

198-

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; Acorn Archimedes; IBM PC; £19.50 Econet levels 2 & 3; SJ file server; AMCOM E-net; RM Nimbus/Network; £30.00

1 disk; 1 teachers' booklet; 1 students' booklet; 1 students' exercise booklet

Physics; Sciences; Simulation; Secondary education; Sixth form education; Further education; General Certificate of Secondary Education; A Level examinations

0582268435

Simulation of an Advanced Gas Cooler Reactor (AGR), which investigates the reactor core, heat exchanger and generator.

BBC 40t, 5.25" DFS; BBC 80t, 5.25"; Nimbus/Network 3.5"; Archimedes compatible 3.5" disk.

13-19

Nuclear reactor simulation

UKAEA; Computers in the Curriculum Project, Chelsea (King's) College, University of London

London: UKAEA (United Kingdom Atomic Energy Authority)

BBC; £19.50 Network version; £30.00

Disk; teachers' booklet; student's booklet

Sciences; Computer graphics; Physics; Secondary education; Sixth form education; Further education

Students control and operate an Advanced Gas Cooled Reactor.

40t only

114-18

Please state format required: BBC 40 or 80t disk; IBM PC (EGA/ECD only)

12-16

Nuclei

See: WSS physics pack 2

Nuclides data base

Bennett, E. (au.); Atherton, Marianne (programmer); Squires, David (ed.)

London: UKAEA (United Kingdom Atomic Energy Authority)

1987

BBC B; £12.50 (Inclusive VAT and postage)

40t; 1 disk; 1 teachers' booklet; 1 students' booklet; 1 running sheet

Sciences; Physics; Secondary education; Further education

Produced as part of the King's College Computers in the Curriculum Project. This program is designed to provide students with a database containing information on a large number of nuclides. The program will represent the information on the screen pictorially and graphically in such a way that students can explore some of the basic patterns that arise in nuclear physics.

16-19

Nudge

See: Dictionary word game : pack 1 (disk 1)

Nudge! Nudge!

See: Dictionary word games : pack 1

Nuffield physics pack

Nuffield-Chelsea Curriculum Trust

Harlow: Longman/Logotron

198-

BBC B; BBC B+; BBC Master 128; £39.00

Secondary education; Sixth form education; Further education; A Level Examinations; Physics

Contents: Simple harmonic motion (characteristics of kinematics); gravitational fields (gravitational field/radial distance; difference in gravitational potential between 2 points); Electric fields (electric field values); Quantum shuffling (distribution of quanta); Solving the Schrodinger equation (amplitude of wave function/radial distance for an electron in hydrogen atom)

BBC 40t, 5.25" DFS disk

16-19

Number

See: Teaching with a micro : maths 5

Number blaster

Asquith, Neil; Community Programme Agency, Micro-Electronics Project

Doncaster: RESOURCE

1986

BBC B; BBC Master 128; £10.95

1 disk; 1 documentation booklet

Mathematics; Primary education; Special educational needs; Computer games

A space invader type game to help the user practise simple mathematics, covering a wide range of abilities from single number recognition up to mixed addition and subtraction of 6 characters. LEA/Regional licences and bulk purchase discount available

5.25" 40t DFS; 80t DFS available - £1.50 surcharge per disk

6+

Number bonds

Forbes, Stuart

Cardiff: Drake Educational Associates

198-

Basic skills

BBC B; BBC B+; BBC Master; £12.00

1 disk; 1 booklet

Mathematics; Infant school education; Primary education; Special educational needs

This program gives practice in number bonds up to twenty

5+

Number chaser

Wisbech, Cambridgeshire: esm

198-

Primary maths software box

BBC B; BBC B+; BBC Master 128; £16.00

Disk

Mathematics; Infant school education; Primary education; Secondary education; Computer games

Develops essential estimation skills through multiplication. Young children race a bicycle with numbers 0-10, older children drive a racing car with numbers 0-9999, in a race against time estimating the correct answers to sums. Contained in Primary maths software box.

BBC 5.25" disk

5-14

Number games

Street: Selective Software

198-

BBC B; BBC B+; BBC Master 128; £10.00 BBC Master Compact; £12.00

Disk

Mathematics; Puzzles; Problem solving; Primary education; Secondary education

Four games encouraging number skills, thinking ahead and strategy planning. Teacher choice of difficulty level.

BBC B 5.25" 40 or 80t disk; BBC Master Compact 3.5" disk.

8-15

Number grids

Coventry: NCET

1990

BBC B; BBC Master; Acorn Archimedes; RM Nimbus; £30.00

Disk; 3 booklets; Classroom workcards; photocopy masters; Chinese number jigsaw; software help cards; 2 posters

Mathematics; Spreadsheets; Primary education; Secondary education

Contents: Engram; Monty; Numbers; Windows. A comprehensive resource of ideas, activities,

INuclear war model : 1945

Glasgow: CDG (Scotland) Ltd.

1198-

BBC B; BBC B+; BBC Master 128; £15.50

Acorn Archimedes; IBM PC; RM Nimbus; £21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

History; Databases; Secondary education

11870307275

A study of the effect of a Hiroshima-type bomb on the city of Glasgow. Data comprises physical landscape; projected death and survival rates radiation effects; infrastructure (housing, communications, industry population). Structured modular work units accommodate all ability levels, integrate computer procedures and assist in the acquisition of knowledge and understanding, developing enquiry, evaluation and analysis skills etc. Optional Epson compatible screen dump (BBC/Nimbus only) available - £7.50 (BBC); £13.50 (Nimbus). Discounts available for purchase of any two or more datapacks - details from publishers.

case studies and software on number grids work. Helps develop ideas about number patterns at various levels, providing an introduction to the use of spreadsheets. Documentation includes case studies, teaching strategies and available resources. Licensing agreements/large bulk orders: details from publishers.

9-16

Number investigations A

Street: Selective Software

198-

BBC B; BBC B+; BBC Master 128; £10.00 BBC Master Compact; £12.00

Disk; Worksheets

Mathematics; Primary education; Secondary education

Number work, using the computer to check ideas, look for patterns and test conjectures based on 5 investigations on the accompanying worksheets.

BBC B 5.25" 40 or 80t disk; BBC Master Compact 3.5" disk.

10-16

Number investigations B

Street: Selective Software

198-

BBC B; BBC B+; BBC Master 128; £10.00 BBC Master Compact; £12.00

Disk; Worksheets

Mathematics; Primary education;

Number work, using the computer to check ideas, look for patterns and test conjectures, as in Number investigations A, but based on 5 different, slightly harder investigations on the accompanying worksheets.

BBC B 5.25" 40 or 80t disk; BBC Master Compact 3.5" disk.

10-16

Number jump

See: Fun school for 6-8 year olds

Number lines

Forbes, Stuart

Cardiff: Drake Educational Associates

198-

Basic skills

BBC B; BBC B+; BBC Master; £12.00

1 disk; 1 booklet

Mathematics; Infant school education; Primary education; Special educational needs

This is a simple addition exercise where pupils can choose any line from 1 to 10

5+

Number matching

See: Number work programs

Number one

See: Simulations

Number painter

Wisbech, Cambridgeshire: esm

198-

Best four maths

BBC B; BBC B+; BBC Master 128; £17.50

Disk; activity book, puzzle book, workcards

Mathematics; Puzzles; Problem solving; Primary education; Secondary education; Computer games

Contained in Best four maths. Designed as arcade game to develop speed and accuracy of mental arithmetic, covering addition, subtraction, multiplication and division, with 12 levels dealing with 1-10 or 1-1000.

BBC 5.25" disk

5-14

Number puzzler

Thorne, Mike

Wisbech, Cambridgeshire: esm

198-

Best four maths

BBC B; BBC B+; BBC Master 128; £16.00

Disk; activity book; puzzle book; workcards

Mathematics; Puzzles; Problem solving; Primary education; Secondary education; Computer games

Contained in Best four maths. Encourages addition and subtraction accuracy in number noughts and crosses games. Players compete with one another or play alone against the computer. Different levels of difficulty

BBC 5.25" disk

4-12

Number race

Neville, R.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1984

BBC B; RM Nimbus; £6.00

Disk

Mathematics; Primary education; Secondary education; Computer games

Game for up to five pupils practising the four rules of arithmetic. Teacher selects from menus the topic(s), vocabulary and difficulty.

Number recognition

See: Number work programs

Number search

Marshlands

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1983

BBC B; RM Nimbus; £4.00 (£7.00 with DNumb)

Disk

Mathematics; Primary education; Secondary education; Computer games; Computer graphics

To develop the concept of "greater than" by trying to guess a random number. Large grid, graphics, sound.

Number tumbler

Leamington Spa: GEM Software

198-

BBC 32k; Acorn Electron (cassette); £7.50 BBC 32K (disk); £10.50

Cassette or disk; documentation

Mathematics; Primary education; Secondary education; Computer games

A game designed to encourage appreciation of number, with a range of 9 difficulty levels. The player has to control a bucket to catch numbers and operators as they tumble from the sky, aiming to reach a given target and achieve high scores.

Please specify whether 40t or 80t disk required

6-15

Number work programs

Lancaster: MARDIS

198-

£3.50

Disk; overlay

Special educational needs; Mathematics

Contents: Number recognition (right number key must be pressed to match numeral displayed on screen); How many (right number key must be pressed to match number of objects displayed on screen); Number matching (right number key must be pressed when the number of objects displayed on one half of the screen corresponds to the numeral shown on the other); Counting (a number is presented on screen; the right number must be typed in and so many before and/or after it); Easy sums (simple addition and subtraction); Multiply (sets of objects on screen); Fractions (based on shapes split into parts)

Concept keyboard compatible

Numbercopter

Harding, Robert; Keate, Elizabeth

Wisbech, Cambridgeshire: esm

198-

BBC B; BBC B+; BBC Master 128; BBC Master Compact; RM Nimbus; £25.00

Disk

Mathematics; Language; Preschool education; Infant school education; Primary education; Computer games

Eight programs to develop memory, sequencing, logic, number, more and gone away, word order and rhythm, in matching games, flying helicopters to build towers of coloured bricks, counting dice, beating a rhythm and colour sequencing. Contained in Infant software box; Early learner software box; Concept software box.

BBC 5.25" disk; Compact, Nimbus 3.5" disk. Can be operated from BBC, Pop-it or Concept keyboard.

3-6

Numbers

Dolman, Anthony; Brown, Craig

Doncaster: RESOURCE

1986

BBC B; BBC Master 128; £10.95

1 disk; 1 documentation booklet

Mathematics; Special educational needs; Primary education

Aids the user in number character construction showing how each of the numbers 0 to 9 is formed when they are written on a blackboard or on paper. LEA/Regional licences and bulk purchase discount available

5.25" 40t DFS; 80t DFS available - £1.50 surcharge per disk

5+

Numbers

See: Jigsaw and sliding puzzles

Numbers

See: Number grids

Numbers and pictures

Spalding: Chalksoft Ltd

198-

BBC B; BBC B+; BBC Master; £15.00 BBC Master Compact; £17.00

Disk 40t/80t/3.5"; Copy sheets

Mathematics; Preschool education; Infant school education; Primary education; Computer graphics; Special educational needs

185116037X

Structured number activities: simple number recognition; counting to 9; counting back from 9; choose 1-5 or 1-9; correct matching of numbers to pictures on the screen generates a pleasant animation.

Please state whether 40-track or 80-track disks are required. Option to use Concept keyboard.

4-6+

Numbertests

Murphy, R.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1985

BBC B; £7.00

Disk

Mathematics; Secondary education

Demonstration, explanation and testing of the expressing of numbers to a given number of decimal places or significant figures, and conversion between decimal and standard forms.

Numbond

Dial, L.H.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1983

BBC A; RM Nimbus; £3.50

Disk

Mathematics; Secondary education

Practice in number combinations. Pupil selects operation (+ - * /) and numbers are displayed in giant characters. One minute to answer as many as possible.

Numerator

Hunter, P.

Cambridge: Longman/Logotron

1989

BBC B; BBC Master; BBC Master Compact; £43.00 Acorn Archimedes; £76.00 RM Nimbus; IBM PC; £84.00 BBC Site; £250.00 (Secondary); £150.00 (Primary) RM Nimbus Site; Acorn Archimedes Site; IBM Site; £300.00 (Secondary); £175.00 (Primary)

Disk or chip; Manual

Mathematics; Primary education; Secondary education; Sixth form education; Further education; Special educational needs

0582065313; 0582065321; 058206533X; 0582065372; 0582067804

A mathematical construction kit to help children explore mathematical concepts ranging from simple sums to trigonometry, and probability. Data can be printed out in graph/bar chart format. Can be used with concept keyboard.

Can be used with concept keyboard. BBC site licence version suitable for use with machines fitted with sideways RAM, individually or over a network. RML Nimbus and Archimedes site versions suitable for all micros, individually or over a network.

6-18

Numerator chaos

Cambridge: Longman/Logotron

1990

Acorn Archimedes; £15.00

Disk; instruction manual

Mathematics; Secondary education; General Certificate of Education; A level examinations

0582067189

Enables full exploration of the mathematics of "chaos"

Requires the use of Numerator

13-18

Numeric invaders

See: Therapy games

Numrace

See: Games, activities and investigations : volume 1

Numrec

See: Project programs : first stage

Nursery rhymes

Workshop: TGW Software Developments

198-

BBC B; BBC Master; £5.00

Disk

Special educational needs; Computer graphics

A collection of 9 nursery rhymes, with animated mode 7 graphics display accompanying the tunes; will run automatically or by a child-operated switch.

5.25" 40t disk unless 80t is requested; will operate on single or double density drives. Automatic or switch operated.

5+

Nuts : network user terminal software

Studley: LTS (Learning and Training Systems)

198-

BBC B; BBC Master (disk or networked); £6.95

Disk

Communication; Primary education; Secondary education; Sixth form education; Further education

Allows users to access private and public "page"

Educational Software NUM - OBJ

mode viewdata bases including Prestel (subscription required). Includes Load, Save & Print frames; ability to download telesoftware and on-line help menu.

Network software on 80t DFS with transfer instructions. For stand alone software, please specify format required. Fully compatible with DTI modems and most others. Not tested on Compact - requires RS423 port.

7-18+

NVD-UTIL : Nimbus viewdata utility disk

Abingdon, Oxford: Whittle Systems

198-

RM Nimbus; £75.00

Disk

Viewdata; Utilities

A utility disk for Nimbus viewdata

N5

Northampton: Northamptonshire Computer Education Centre

198-

RM Nimbus; £10.00

Disk; documentation

History; Sociology; Databases; Primary education; Secondary education

Quest or Grass versions of datafiles holding Census information for various villages in Northamptonshire for the years 1851 and 1861. Bulk purchase discounts and licences available - details from publishers.

O/A level physics definitions

Wright, D.

Bangor: Akadimias

198-

Tutor series : Sciences & Social Sciences

BBC B; BBC Master 128; Econet levels 2 & 3; Acorn; RM Nimbus PC 186; RM Nimbus AX series; Nimbus network; Amstrad 6128 & PCW; IBM PC compatible; £25.00 (includes site licence for up to 10 terminals)

Disk; study booklet; reading list

Sciences; Physics; Secondary education; Sixth form education; Further education; General Certificate of Secondary Education; A level examinations

A program to test student knowledge with questions in a multiple choice format, in either a random or sequential order, and with various user selectable time-bases against which the test may be taken. Facilities for revision; sequential, random test modes; with four time based skill levels in each test mode. Discounts available: details from publisher

BBC 40 or 80t disk (please specify). Acorn DFS & ADFS; RM Nimbus 3.5" disk; Amstrad disk; IBM PC 5.25" or 3.5" disk (please specify).

11-16+

Oak tree

See: Teddy bears' picnic

Object Logo : version 2.0

Edinburgh: Apple Developers Group

198-

Apple Macintosh; £75.00

Disk

Computer programming; Programming languages

A fully functional programming environment for beginners and advanced programmers. Object logo applications are like other standard Macintosh applications and can be run directly from the Finder without any runtime modules. A totally object-oriented program: menus, windows, file input and output streams are realised as modifiable objects. Supports multiple inheritance; can interactively create and clone objects and modify their associated variables and procedures. Features include MultiFinder compatibility; speech and music synthesis; debugging windows for trace, step and watch.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Objects; Shapes; Letters

Rees; John

Cardiff: Drake Educational Associates
198-

Visual discrimination

BBC B; BBC B+; BBC Master; £12.00

1 disk; 1 booklet

Reading skills; Language; Infant school education; Primary education; Special educational needs

The program is designed to help with pre-reading activity. Shapes and letters have been selected in order to give practice in those most often confused.

5-7

Octagon

See: Target, Paint, Order, Odd one out and Octagon.

Odd man out

See: Helter skelter

Odd one out

Glasgow: Scetlander

Mix and match

IBM PC (3.5" disk); £17.00 IBM PC (5.25" disk); £16.00

Disk

Language; Reading skills; Mathematics; Life skills; Preschool education; Infant school education; Primary education; Special educational needs; Computer graphics

Contained in Mix and match. Provides practice in visual discrimination and visual memory skills; encourages number recognition and discrimination of upper/lower case letters, and time telling

IBM PC 5.25" or 3.5" disk

3-7

Odd one out

See: Blob 2

Odd one out

See: Target, Paint, Order, Odd one out and Octagon.

Oddmill

Hughes, Glyn; Kulmala, Kalle-Juhani

London: Softmill order via Wida Software Ltd
1989

MS DOS; £45.00

Disk

English; Language; English (second language); Primary education; Secondary education; Computer games

Aimed at pupils with limited knowledge of English. Player has to spot the odd word out in a group of four and in the second stage has to complete a sentence to show that s/he understands why a particular word is different. For up to 4 players. Translations in French; German and Spanish

MS/DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1MB memory & IBMulator

11+

Oddone

See: Project programs : first stage

Odds

See: Primaths5

Odds

See: Games, activities and investigations volume 1

Odds

See: Mathematics practice in the classroom

Offboards for electronic systems design : 1-6

Clwyd: Clwyd Technics Ltd

198-

Offboards for electronic design

BBC B; BBC B+; BBC Master; £44.95

PCB

Design; Craft, design, technology

Open-ended; ideal for design problem solving, providing an essential stepping stone to the complexities of pure breadboarding. Allows introduction of a component based approach. Each consists of a small pcb with a set of Veropins fitted to one end; these can be pushed into a standard IC type breadboard and powered up to provide a useful systems function. Allows pupils to investigate the circuits sub-systems by using the breadboard to interconnect and adding components

Offboards for electronic systems design : 1-10

Clwyd: Clwyd Technics Ltd

198-

Offboards for electronic design

BBC B; BBC B+; BBC Master; £99.95

PCB

Design; Craft, design, technology

Open-ended; ideal for design problem solving, providing an essential stepping stone to the complexities of pure breadboarding. Allows

introduction of a component based approach. Each consists of a small pcb with a set of Veropins fitted to one end; these can be pushed into a standard IC type breadboard and powered up to provide a useful systems function. Allows pupils to investigate the circuits sub-systems by using the breadboard to interconnect and adding components

Offices

See: Basic package

Oh-les

See : Boulogne and Oh-les

Oil deliveries

Anlon, J.; Kwenn, L.; Druz, D.

Gravesend: Fernleaf Educational Software Ltd
198-

BBC B (disk); £11.26 BBC B (cassette); £8.65

Disk or cassette

Primary education; Secondary education; Puzzles; Problem solving

Contained in Roads. Designed for use with small groups of children. Involves route planning, time factors, organising delivery schedules and tanker capacity in meeting a 48 hour delivery service guarantee

8-12

Oil search

Harlow: Longman Micro Software

198-

Details from publisher

Disk

Old MacDonald

See: Farm

Old MacDonald's farm

HUMMEC

Wisbech, Cambridgeshire: esm; RESOURCE
198-

BBC B; BBC B+; BBC Master 128; BBC Master Compact; £22.50

Disk

English; Creative writing; Design; Language; Reading skills; Primary education; Word processing

A story writing package based around a farm. Includes picture library. Children work together selecting pictures and writing collaborative stories based on the farm. Stimulates creative writing; introduces new vocabulary and encourages children to read each other's work

BBC 5.25" disk

7-13

Old MacDonald's farm

Doncaster: RESOURCE

198-

BBC B; BBC Master 128; BBC Master Compact
£18.50

Disk; documentation

Cross curriculum; Language; English; Creative writing; Primary education; Desktop publishing

Allows children to combine pictures from the disk library with a story or text and special character blocks to form pages of a book of up to 40 pages. Can be used to develop the theme of the farm. Includes facilities to allow children to write their own branching stories, and print option. LEA/Regional licences and bulk purchase discount available.

BBC B/Master 5.25" 40t DFS; Master 128 5.25" ADFS; Compact 3.5" ADFS. 80t DFS available - £1.50 surcharge per disk

7-13

Old Park Farm

Reed, Mike

Coventry; Northampton: Micro Express; NCET/MESU

1988

BBC B; BBC B+; BBC Master; £15.00

1 disk; teacher notes; 2 concept keyboard overlays; 1 poster

Environmental education; Sciences; Biology; Primary education; Secondary education; Special educational needs

A conservation theme pack for use with Touch Explorer plus and the Concept keyboard, focussing on the habitat and behaviour of different creatures on the farm. Licensing agreements/large bulk orders: details from publishers.

40t disk. For use with Touch Explorer Plus and Concept keyboard

5+

Omnibus disk

Llandudno: Micro Help

198-

Companions disc system

BBC B; BBC B+; BBC Master; £19.95

Disk

Programming languages; Computer programming; Utilities

Contents: BASIC companion; Programmers companion; Machine code companion. A total of 45 help screens, each providing a selection of 15 screens appropriate for programming utilizing using 1K of memory only. Each available separately

Omnigraph : the graph processor

Leamington Spa: SPA (Software Production Associates)

198-

IBM PC; RM Nimbus; £32.00 RM Nimbus Network; IBM PC Site; £87.00

Mathematics; Geometry; Secondary education; Sixth form education; Further education; Computer graphics

A versatile graph plotting program, which allows the user to enter equations in everyday maths syntax; plot different types of equations; show tangents and normals; solve differential equations; perform transformations on graphs; and other graphical activities. Easy user interface.

IBM machines require CGA; EGA or VGA graphics.

11-18+

Omnis accounting

Benhall, Saxmundham: Blyth Software Ltd

198-

Apple Macintosh; £499.00 (single user); £999.00 (multi-user) Educational retail discount: less 50%

Disk; documentation

Databases; Information handling

Omnis MS DOS windows

Benhall, Saxmundham: Blyth Software Ltd

1989

Details from publishers

Disk; documentation

Databases; Information handling

The MS DOS - windows version of the Omnis 5 family.

Omnis OS2 : presentation manager

Benhall, Saxmundham: Blyth Software Ltd

1990

Details from publishers

Disk; documentation

Databases; Information handling

The OS2 : presentation manager version of the Omnis 5 family.

Omnis quartz : version 1.24

Benhall, Saxmundham: Blyth Software Ltd

198-

IBM AT, PS/2 and compatibles; £195 (single user) - £595 (+10 additional users) Educational retail discount: less 50% Runtimes; £145 (pack of 5) - £395 (pack of 20)

Disk; documentation

Databases; Information handling

A high-performance business database and applications development program for IBM and compatible 286 and 386 personal computers with minimum of 640K internal memory. Features include ability to share common datafile with Macintosh users of Omnis 3 Plus; flexible naming of applications; import routines providing speed and reliability. Upgrade to latest version available; also updates to Omnis 5 for IBM and compatible personal computers.

Requires IBM AT, PS/2 or Compatible with graphics card and minimum of 640K memory; MS DOS version 3.1 or later; Microsoft Windows 2.03 or later and mouse for application design.

Omnis 3 plus

Benhall, Saxmundham: Blyth Software Ltd

198-

Apple Macintosh; £295.00 (50% education discounts available)

Disk

Databases; Data processing; Information handling

A single or multi-user, programmable, relational and/or hierarchical database, for generating custom applications, data integrity, control over large quantities of data. Provides for import/export of data in DIF, SLYK, Delimited or one-field-per-line format. Multi-user version for up to 64 users available. Omnis 3 Plus/Express upgrade also available, providing additional features.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Omnis 3 plus : version 3.307

Benhall, Saxmundham: Blyth Software Ltd

198-

Apple Macintosh Plus; £195.00 (single user) - £595.00 (+10 additional users) Educational retail discount: less 50% Runtime versions: £145.00 (pack of 5) - £395.00 (pack of 20) Developer toolkit; £2,495.00

Disk; documentation

Databases; Information handling

A high performance business database and applications development program for the Macintosh range of personal computers. Features include external code resources; WYSIWYG reports; facility to share common datafile with IBM users of Omnis Quartz; Datafiles with maximum size of 2560 MB and 60 files; libraries of up to 16MB with 640 formats; full support for AppleTalk and CL/1. Upgrades from previous versions available - details from publishers.

Requires Macintosh Plus; Hard disk drive; Macintosh compatible printer

Omnis 3 plus/express

Benhall, Saxmundham: Blyth Software Ltd

198-

Apple Macintosh; details from publishers

Disk

Databases; Data processing; Information handling

Upgrade for Omnis 3 Plus, providing connectivity pack in form of a new innovations CL/1 server interface; a resource code allowing running of written in other languages; enhance supporting colour, screen fonts and compatibility with Omnis Quartz.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Omnis 5

Benhall, Saxmundham: Blyth Software Ltd

198-

Apple Macintosh Plus; £595.00 (50% education discounts available)

Disk

Databases; Data processing; Information handling

A relational and/or hierarchical database designed to utilise the graphical interface, enhanced memory, storage and colour capabilities of the Macintosh II range. Features include full colour graphics inclusion in window design or storage in data files; data file capacity of up to 2,560 Mb; application design files of up to 32Mb; up to 255 fields per file, 60 files in each application; support for external code in Pascal, C or Assembler; HyperCard access allowing HyperCard stacks to read Omnis 5 data files in single and multi user installations.

Requires Macintosh Plus or larger with 1Mb of memory. 2Mb required for use under MultiFinder or in conjunction with HyperCard.

Omnis 5 IBM PC and compatibles

Benhall, Saxmundham: Blyth Software Ltd

198-

IBM PC and compatibles; £595.00 (single user) - £995.00 (+10 additional users) Educational retail discount: less 50% Runtimes; £295.00 (pack of 5) - £845.00 (pack of 20)

Disk; documentation

Databases; Information handling; Computer graphics

A major new graphics-based database management system. Features include graphic user interface; facility to share applications and data with IBM PS/2s on mixed network using Macintosh version of Omnis 5; full support for SQL databases via network innovations CL/1 and Oracle in version 1.1; fast performance - power and flexibility with over 200 programming commands; networking providing simultaneous access from Macintosh and IBM, MS/DOS or OS/2 workstations; a fast-start program for novices; ability to exchange data and send commands directly to other programs running on PC supporting DDE; support for both monochrome and colour monitors; and full compatibility with all leading networks including Novell AppleShare, TOPS, and 3COM.

Can be used with whole range of IBM AT and PS/2 compatible computers with minimum of 640K memory. 1 Mb extended memory recommended for Smart drive for enhanced performance. Requires Windows version 2.1 or later and Windows compatible printer.

Omnis 5 Macintosh

Benhall, Saxmundham: Blyth Software Ltd
198-

Apple Macintosh Plus; £595.00 (single user) - £995.00 (+10 additional users) Educational retail discount: less 50% Runtimes; £295.00 (pack of 5) - £845.00 (pack of 20)

Disk; documentation

Databases; Information handling; Computer graphics

A major new graphics-based database management system. Features include graphic user interface; facility to share applications and data with IBM PS/2s on mixed network using DOS and OS/2 version of Omnis 5; full support for SQL databases via network innovations CL/1 and Oracle in version 1.1; fast performance - power and flexibility with over 200 programming commands; networking providing simultaneous access from Macintosh and IBM, MS/DOS or OS/2 workstations; a fast-start program for novices; Hypercard access; support for both monochrome and colour monitors; and full compatibility with all leading networks including AppleTalk, TOPS, 3COM and Novell

Can be used with all Macintosh models with a minimum of 1Mb of memory (needs 2 MB for use under Multifinder or with Hypercard); requires hard disk drive (local internal or external or networked file server); and Macintosh compatible printer

On fait des courses and Les voyages

Chepstow: AVP Computing

BBC B; BBC B+; BBC Master 128; £24.50

Disk; Workbook

Modern languages; French; Secondary education

Two interactive programs. On fait des courses : the student has to buy groceries from the local shops and after practising the vocabulary used, has to manoeuvre a trolley round the supermarket to collect the shopping. Les voyages : the student has to choose a foreign holiday destination, the flight to the city chosen is simulated and then the student has to plan what to do each day during the holiday. Both programs entertain as well as instruct, by the use of graphics, colour and sound.

12+

On the house

McCarthy, Steven

Huntingdon: Cambridgeshire Software House
1989

BBC B; BBC B+; BBC Master 128; BBC Master Compact £18.00 Site Licence; £35.00

1 disk; 1 booklet; worksheets

Craft, design, technology; Mathematics; Industry; Secondary education; General Certificate of Secondary Education; Simulation

The task is to build a house in under 100 days. The program has been designed to be part of a project, based around the building industry. Children have to plan and organise the delivery of materials, draw plans and make sure everything is there on time and in the correct order.

10-16

One British county : population

Glasgow: CDG (Scotland) Ltd.

198-

BBC B; BBC B+; BBC Master 128; £15.50 Acorn Archimedes; IBM PC; RM Nimbus; £21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

Geography; Databases; Secondary education

A study of District population patterns: population numbers; density; distribution; male/female composition; age structure; social category; education; country of origin. Structured modular work units accommodate all ability levels; integrate computer procedures and assist in the acquisition of knowledge and understanding, developing enquiry, evaluation and analysis skills, etc. Optional Epson compatible screen dump (BBC/Nimbus only) available - £7.50 (BBC); £13.50 (Nimbus). Discounts available for purchase of any two or more datapacks - details from publishers

Please state format required: BBC 40 or 80t disk; IBM PC (EGA/ECD only)

12-16

One British county : employment study

Glasgow: CDG (Scotland) Ltd.

198-

BBC B; BBC B+; BBC Master 128; £15.50 Acorn Archimedes; IBM PC; RM Nimbus; £21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

Geography; Databases; Secondary education

A study of the employment structure of a county by district in terms of type of worker and transportation to work. All counties available except Scottish regions; Isle of Wight; N. Ireland, S. Glams; Powys. Structured modular work units accommodate all ability levels; integrate computer procedures and assist in the acquisition of knowledge and understanding, developing enquiry, evaluation and analysis skills, etc. Optional Epson compatible screen dump (BBC/Nimbus only) available - £7.50 (BBC); £13.50 (Nimbus). Discounts available for purchase of any two or more datapacks - details from publishers

Please state format required: BBC 40 or 80t disk; IBM PC (EGA/ECD only)

12-16

One British county : social study

Glasgow: CDG (Scotland) Ltd.

198-

BBC B; BBC B+; BBC Master 128; £15.50 Acorn Archimedes; IBM PC; RM Nimbus; £21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

Sciences; Sociology; Databases; Secondary education

An examination of the social structure of a county by district in terms of population; housing; family type and car ownership. Structured modular work units accommodate all ability levels; integrate computer procedures and assist in the acquisition of knowledge and understanding, developing enquiry, evaluation and analysis skills, etc. Optional Epson compatible screen dump (BBC/Nimbus only) available - £7.50 (BBC); £13.50 (Nimbus). Discounts available for purchase of any two or more datapacks - details from publishers

Please state format required: BBC 40 or 80t disk; IBM PC (EGA/ECD only)

12-16

Opal

Exeter: Maxima Communications plc

198-

Apple Macintosh; £140.00 - £1,050.00

Disk

Communication

An integrated communications software series allowing Macintosh to communicate with mainframes, mini or micro-computers, databases, packet switched networks or service providers. Includes terminal emulation, file transfer and product development tools for building front-ends to host applications. Features include wide range of professional emulations; Report grabber; built-in fourth generation development language. Available in 3 forms: User; Developer and OEM.

Supports Unix; Pick; Wang/VMS; Data General; AOS/VMS; Digital VMS; DataPoint RMS; Prime Information and IBM.

Operation Darwin

Northampton: Northamptonshire Computer Education Centre

198-

RM Nimbus; £25.00

Disk; documentation

Geography; History; Environmental education; Cross curriculum; Primary education; Puzzles; Problem solving

Based on planning an expedition to far flung corners of the earth to find and study rare animals. Involves decision making, team work, background research and careful planning. Bulk purchase discounts and licences available - details from publishers.

7+

Operation Konlee

Glasgow: Collins Educational

198-

Microspecial

BBC B; BBC B+; £20.00

Disk; documentation; teacher notes

Language; Cross curriculum; Life skills; Puzzles; Problem solving; Special educational needs; Secondary education

A friendly, flexible program using a problem solving, structured approach, allowing teachers to design an individualised program, controlling difficulty level and altering data to suit

requirements of pupils. Includes monitoring and assessment facility. Suitable for either individual or group use. Contained in Microspecial pack. Documentation available separately. Bulk purchases and site licences available - details from publishers.

11-15

Operations management using Lotus 1-2-3

Sims, Martin

Barnet: Glentop Press Ltd

1988

IBM PC and compatibles; £22.50

Disk; Book

Computer studies; Spreadsheets; Databases; Information handling; Secondary education; Further education; Adult education

1851811885

Covers theory and applications of operations management and use of Lotus 1-2-3. Includes: Decision theory; Games theory; Forecasting; Inventory control; Material requirements planning; Network analysis; Investment analysis. Contents, formulae and references of cells within spreadsheets are listed. Does not assume any knowledge of spreadsheet use. Disk available separately, £7.50; Book available separately, £17.95.

16+

Opoll

Dobbs, W.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1984

BBC B; £7.00

Disk

Mathematics; Statistics; Secondary education; Simulation; Computer games

Command driven, interactive opinion poll simulation. Up to 30 samples can be taken allowing a valid statistical investigation of large randomly distributed populations. Optional game allows user to run Opoll Ltd.

Optical diffraction

See: Physics software pack 2

Optics

Birmingham: Hutchinson Software

198-

BBC; £16.00

1 disk

Physics; Secondary education;

Contents: Refraction; Real and apparent depth; Convex lens; Concave lens; Long and short sight; the human eye. Can be used as a complete sequence or individually in teaching about refraction and its consequences.

BBC disk or cassette; BBC B only (40t, s/s). Will not work on 80t drives.

13-16

Optics

See: Colour and Optics

Options package

Leigh, Howard

Birmingham: Hutchinson Software

198-

RML 380Z; £250.00

RML 380Z disk

Schools; Administration; Timetables

A complete options administration suite - will produce form lists, options lists, allows easy editing of option pools, etc. Conversion program supplied which uses files from Timetabling OPT2. Purchasers of Timetabling OPT1-6 can upgrade and will be allowed the cost of OPT1-6 as a discount against this package.

Opus

Hatfield: Advisory Unit

198-

BBC B; BBC B+; BBC Master 128; £15.00

Disk; instructions

Music; Art; Mathematics; Computer graphics; Primary education; Secondary education; Cross curriculum

0 946039 89 5

A musical composing program allowing user to create, combine, manipulate and edit musical ideas in a variety of ways, with a clear graphic display providing possibilities for cross curriculum links with art and maths. Completed pieces can be saved and loaded from disk. Bulk order discounts available.

7+

Orb of Zalibar

See: MAPE tape 6

Orbits and alpha scattering

See: WSS physics pack 1

Order

See: Target, Paint, Order, Odd one out and Octagon.

Order processing and invoicing

Exeter: Minerva Software

198-

DeltaPlus accounts

Acorn Archimedes; £64.95 BBC B; BBC B+; BBC Master 128; Master Compact; £45.95

Disk

Business education; Secondary education; Sixth form education; Further education

Facilities include definable invoice layout; varied discount structures on one invoice; mail order and credit customer details; archiving facility. Integrates with Sales ledger and Stock management. Archimedes version utilises extra screen facilities, has greater speed and storage capacity and additional facilities

Require the use of System Delta commands which are supplied with System DeltaPlus

12-16+

Ordering : logic 4

Hewitt, Iris

Wisbech, Cambridgeshire: esm

198-

Shiva numeracy and logic programme

BBC B; BBC B+; BBC Master 128; £18.50

Disk; teacher's handbook

Mathematics; Puzzles; Problem solving; Primary education; Computer games

Deals with the concepts of ordering and sorting according to two attributes, negative attributes, splitting sets into subsets and their complements, conjunctive, disjunctive. Contained in Shiva Numeracy and Logic programme and in Shiva Logic programme.

BBC 5.25" disk

5-11

Organic analysis

See: Organic analysis pack

Organic analysis

See: Basic organic chemistry

Organic analysis pack

Harlow: Longman/Logotron

198-

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; Acorn Archimedes; £28.00 BBC Econet; SJ file server; ARCOM E-Net; £39.00

Disk

Chemistry; Secondary education; Sixth form education; Further education; Simulation

Contents: Organic analysis (deductive analysis practice; revision of properties of organic compounds); Gas chromatography (simulation of separation of some organic compounds, illustrating the application of qualitative and quantitative analysis)

BBC 40t, 5.25" DFS disk; BBC 80t, 5.25" disk; Archimedes compatible 3.5" disk

16-19

Organic chemistry

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £19.50 BBC Master Compact; £21.70 Amiga; £24.50 Econet; £58.50

Disk

Chemistry; Secondary education; Sixth form education; Further education; A Level Examinations

Contents: Synthesis of aliphatic substances (selects synthesis problems from over 2000 possibles); Organic nomenclature (displays structural formulae (options for hydrocarbons and alkanols or "whole syllabus" questions) which the user has to name).

Only specify 80t if you cannot use 40t disks.

16-18

Organic chemistry 1 : aliphatic reactions

Dolgellau: Science Education Software

198-

BBC B; BBC Master 128; Econet; £21.50 + VAT RM Nimbus; Acorn Archimedes; £22.50 + VAT RM Nimbus Network; £37.50 + VAT

Disk

Chemistry; Sciences; A level examinations; Sixth form education; Secondary education; Databases

Contents: Preparation sequence (sets a problem, in which an end product must be synthesized from a starting compound through a series of organic reactions); Reactions database (contains a large store of information on the reactions of organic compounds).

BBC 40t, 5.25" disk; BBC 80t, 5.25" disk; RM Nimbus, Acorn Archimedes, 3.5" disk
16-19

Organic chemistry 2 : aromatic reactions

Dolgellau: Science Education Software
198-

BBC B; BBC Master 128; Econet; £21.50 + VAT
RM Nimbus; Acorn Archimedes; £22.50 + VAT
RM Nimbus Network; £37.50 + VAT

Disk

Chemistry; Sciences; A level examinations; Sixth form education; Secondary education; Databases

Contents: Preparation sequence (sets a problem, in which an end product must be synthesized from a starting compound through a series of organic reactions); Reactions database (contains a large store of information on the reactions of organic compounds).

BBC 40t, 5.25" disk; BBC 80t, 5.25" disk; RM Nimbus, Acorn Archimedes, 3.5" disk
16-19

Organic mechanisms

Chepstow: AVP Computing
198-

BBC B; BBC B+; BBC Master 128; £19.50 RM Nimbus; IBM PC and compatibles; £24.50 RM Nimbus network; (up to 16 machines) £45.00; (up to 48 machines) £65.00 BBC Master Compact; £21.70 Econet; £58.50

Disk

Chemistry; Secondary education; Sixth form education; Further education; A Level Examinations; Computer graphics

Cover the following A level organic mechanisms: nucleophilic substitution at saturated carbon (SN1 and SN2), aldehyde and ketone addition and substitutions, electrophilic addition to alkenes, electrophilic aromatic substitutions (including an introduction to directive effects) and free-radical chlorination of methane.

Only specify 80t if you cannot use 40t disks.

16-18

Organic nomenclature

Chepstow: AVP Computing
198-

BBC B; BBC B+; BBC Master 128; £19.50 BBC Master Compact; £21.70 Acorn Archimedes; Amiga; £24.50 Econet; £58.50

Disk

Chemistry; Secondary education; Sixth form education; General Certificate of Secondary Education; Further education; A level examinations

A set of programs providing practice with structural formulae of organic compounds, selected at random from a wide range of possibilities, based either on a benzene ring or on an open chain of up to six carbon atoms, plus 0, 1, or 2 functional groups from a choice of 20. Includes additional quick reference program on main rules of organic nomenclature.

Only specify 80t if you cannot use 40t disks

14-18

Organic nomenclature

See: Organic chemistry

Organic structures

Fenwick, Peter; Potter, Judy; Johnson, Derek (et al.)

Cambridge: Cambridge Micro Software
1987

BBC B; BBC B+; BBC Master; £22.50

1 disk; 40/80t; 1 documentation booklet

Sciences; Chemistry; Secondary education; Sixth form education

0521324165 (40t disk) 0521353394 (80t disk)

The program shows how to describe an organic chemical structure in name, molecular formula, class, graphic formula, empirical formula and structural formula.

14-18

Organic synthesis

See: Basic organic chemistry

Orgdraw

Thorpe, J.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1985

BBC B; £6.00

Disk

Chemistry; Sciences; Secondary education; Computer graphics

The structures of 208 organic compounds (17 different functional groups) can be drawn and named. All 208 names can be scanned rapidly.

Oriel

Advisory Unit

Hatfield: Advisory Unit

1988

IBM PC; RM Nimbus; £65.00 (Educational site licence version) IBM PC; RM Nimbus; £40 (single user)

1 disk; 1 manual

Information handling; Databases; Cross curriculum; Primary education; Secondary education

0 946039 73 9

A complete information handling package, designed to exploit all the benefits of MS-WINDOWS, including icons, pull down menus, movable windows, controllable with a mouse. Easy interchange with Graphics display modules. Bulk order discounts available.

Please specify machine version required.

7+

Orientation analysis

St. Just: MJP (Michael Jay Publications)

198-

BBC B; BBC B+; BBC Master; £17.95 RML Nimbus; details from publishers

Disk

Geography; Computer graphics; Databases

Useful for imbricate pebble orientations in stream beds; package produces vector analysis

diagrams (in balanced Kite format) for incorporation in field reports using data on pebble radius of curvature, long axis dimension and long axis orientation, and applies statistical tests to the data.

BBC 40t disk unless otherwise requested.

Orion

Exeter: Minerva Software

198-

Games

Acorn Archimedes; £14.95

Disk

Computer games; Puzzles; Problem solving; Primary education; Secondary education

A classic arcade game, in which user has to manipulate the interceptor, Orion, to defend planet against invading aliens, saving men before they are changed into mutants

RISC OS compatible

5+

Oscar Wilde : Importance of Being Earnest

Tydemann, W. (ed.)

Bangor: Akadimias

198-

Tutor series : English Literature - set texts

BBC B; BBC Master 128; Econet levels 2 & 3; Acorn; RM Nimbus PC 186; RM Nimbus AX series; Nimbus network; Amstrad 6128 & PCV; IBM PC compatible; £25.00 (includes site licence for up to 10 terminals)

Disk; study booklet; reading list

English literature; Secondary education; Sixth form education; Further education; A level examinations

A program to test student knowledge with questions in a multiple choice format, in either a random or sequential order, and with various user selectable time-bases against which the test may be taken. Facilities for revision; sequential random test modes; with four time based skill levels in each test mode. Discounts available: details from publisher.

BBC 40 or 80t disk (please specify). Acorn DFS & ADFS; RM Nimbus 3.5" disk; Amstrad disk; IBM PC 5.25" or 3.5" disk (please specify).

11-16+

Oscillations

See: WSS physics pack 1

Oscillations of a mass and spring

See: Physics software pack 1

Oscilloscope and waveform analysis

Garland, David

Plymouth: Garland Computing

1984

Physics : collection 1

BBC B; BBC B+; BBC Master 128; £13.85 Econet; £31.50

Disk

Physics; Simulation; Secondary education; Sixth form education; Further education

Programs augmenting practical work; for use in

interactive visual aids, self-tuition or revision. Simulates the workings of the cathode ray oscilloscope; includes self tuition program on how waves are drawn and described. Included in Physics disk 1 : collection. Site licences, multiple copy discounts available; details from publisher

BBC 40 or 80t (please specify)

13+

Osmosis experiments

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £19.50 BBC Master Compact; £21.70 RM Nimbus; £24.50 Econet; £58.50

Disk

Biology; Secondary education; Sixth form education; Further education; Simulation; A Level Examinations

Inter-related programs introducing the basic theory behind plant water relations, using the technology of water potential in two simulated experiments. Also includes option to analyse sample data to demonstrate the techniques used or provide results for group discussion.

Only specify 80t if you cannot use 40t disks.

16+

Osprey

RSPB

Bourne Educational Software Ltd

1983

BBC B Cassette; Acorn Electron Cassette; Amstrad CPC 464 Cassette; £12.25 BBC B (disk); £17.25

11 cassette/disk; 1 booklet

Ecology; Primary education; Secondary education; Adventure simulation; Computer games; Computer graphics

A game to illustrate the complexity of wildlife conservation as children allocate wardens to protect a small osprey population from summer tourists, huntsmen and egg-stealers, and deal with other real-life factors such as the weather

EBBC 5.25" disk; 40/80t

88-14

Osteotomy planning

Smart; Clark; Tidy

Elairgowrie: Locheesoft

1198-

BBC B; BBC B+; BBC Master 128; BBC Networks; £150.00 + VAT

Disk

Sciences; Biology; Secondary education; Further education; Computer graphics; Sixth form education; Adult education

00947584897

A set of programs for digitising lateral skull radiographs and manipulating stored images to simulate osteotomy procedures; allows a cephalometric analysis to be carried out and a problems list to be generated at any stage. Also allows any two radiographs to be superimposed on any two from thirty-one points.

Requires BBC B + 6502 second processor or BBC Master; dual 80t disk drive; monochrome or colour monitor; Houston Instruments "HIPAD" digitising tablet; any Epson compatible dot matrix printer; Mannesmann

Tally Pixy 3" plotter or Hewlett Packard Colorpro plotter.

14+

Ostinato

See: Sounds useful

Othello

Leamington Spa: SPA (Software Production Associates)

198-

RML 480Z; £12.00 RML 480Z Network £29.00

Disk

Life skills; Infant school education; Primary education; Computer games; Secondary education

A counter game with very simple rules, which can be played at different levels of difficulty, and lead to very interesting strategies.

5-16+

Othello

See: Games disk 3 (BBC B, Master 128); Games disk 1 (Master Compact); Games disk 2 (Amstrad)

Othello

Jolley, Alice (ed.)

Bangor: Akadimias

198-

Tutor series : English Literature - set texts

BBC B; BBC Master 128; Econet levels 2 & 3; Acorn; RM Nimbus PC 186; RM Nimbus AX series; Nimbus network; Amstrad 6128 & PCW; IBM PC compatible; £25.00 (includes site licence for up to 10 terminals)

Disk; study booklet; reading list

English literature; Secondary education; Sixth form education; Further education; A level examinations

A program to test student knowledge with questions in a multiple choice format, in either a random or sequential order, and with various user selectable time-bases against which the test may be taken. Facilities for revision; sequential, random test modes; with four time based skill levels in each test mode. Discounts available: details from publisher

BBC 40 or 80t disk (please specify). Acorn DFS & ADFS; RM Nimbus 3.5" disk; Amstrad disk; IBM PC 5.25" or 3.5" disk (please specify).

16+

Othello

London: Sussex Publications Ltd; World Microfilms

198-

Shakespeare on disk

IBM PC and compatibles; RM Nimbus; £25.00

Disk; manual

English; English literature; Secondary education; Sixth form education; General Certificate of Secondary Education; A level examinations

ASCII text file, allowing MS DOS word processors to be used to perform analyses of Othello; scan the entire play for keywords; compare vocabulary and speeches among several plays; prepare tests; print out dramatic scripts

Educational Software OSM - OUT

with comments and stage directions; print copies of the plays and selected passages; add comments, notes, critical opinion etc. into the text

11+

Our facts

See: Infant pack

Our facts

See: Information handling pack

Our facts

BECC (Birmingham Educational Computer Centre) (developers)

Coventry: NCET/MESU

1988

RML 480Z; RM Nimbus; £5.95

Disk; documentation booklet

Information handling; Primary education; Databases

1853790516

The RML version of the Our Facts program - the BBC version is included in Information handling pack. A simple database, allowing children to enter data on their chosen subject, display it or print it out as pie or bar charts. Includes sample datafiles. Nimbus version includes ability to print out Venn diagrams, pictograms and scattergrams. Licensing agreements/large bulk orders: details from publishers

5-11

Out and about

See: Where's Blob? (disk 1)

Outbreak

ITEM (Information Technology Educational Materials)

London: ITEM

1988

RM Nimbus network; £15.00 (without Simtex) RM Nimbus network; £25.00 (with Simtex)

1 disk; 1 activity pack

Communication; Databases; Information handling; Secondary education; Sixth form education; Further education

0708599176

An activity in which students use IT to investigate the source of an infectious disease. Information is supplied as Simtex telexes and as Grass or Quest datafiles. It is suitable for use with a wide range of courses with particular emphasis on communication and problem solving skills

RM Nimbus PC - 186, AX and VX stations used in Nimbus mode

16+

Outcasts

Gravesend: Fernleaf Educational Software Ltd

198-

Fernleaf Dramas

BBC B; BBC B+; BBC Master 128; BBC Master Compact; £19.95

Disk; documentation

Mathematics; Creative writing; Geography; Databases; Puzzles; Problem solving; Primary education; Secondary education; Cross curriculum

A drama based on the theme of travel, in which those in the Homeland who do not want to be forced to use robots and automation decide to move to another country with more freedom of choice. Users have to prepare a comprehensive plan of the whole expedition to the Newland, choose a boat; an advance party; plan and make the journey and prepare the site, from databanks on available boats and the interests, occupations and character of those who can be chosen for the advance party

Please state make/model of computer; network system; disk size and printer

10-13+

Outcrop patterns

Loader, Pete

St. Just: MJP (Michael Jay Publications)

198-

BBC B; BBC B+; BBC Master; £14.95 RML Nimbus; details from publishers

Disk

Geography; Computer graphics

Illustrates hard-to-appreciate relationships between geological structure and topography.

BBC 40t disk unless otherwise requested.

Ovals

See: Basic package

Ovation DTP

St. Albans: Beebugsoft Ltd

1989

Acorn Archimedes; £113.85 (£99.00 members' discount price)

Disk; user guide; sample documents; clipart disk; range of fonts/frame designs

Desktop publishing

An easy to use package allowing creation of professional looking pages for leaflets, newsletters, adverts or posters. Features include full WYSIWYG display; spelling checker; multi-column text; import of sprites and draw files; repositing and rescaling of pictures; copy, cut, paste etc.; multi-tasking; headers and footers; search and replace. Supports Acorn's printer drivers.

Overload

Northwich: Clares Micro Supplies

198-

Acorn Archimedes; £14.95

Disk; manual

Computer games; Primary education

A game to test skill, patience and ingenuity

7+

Overlord

Wright, K.

London: Cases Computer Simulations Ltd

1989

Spectrum 48/128K; £9.95 Atari ST; £19.95

Cassette (Spectrum); disk (Atari ST)

History; Secondary education; Simulation; Computer games; Problem solving

A simulation of the Allied invasion of Normandy on 6 June 1944, covering the period from the initial invasion to the destruction of the German army in France, in which the user commands the Allied Forces, setting up a line of advance for each army. Includes large scrolling map on varied terrain - 7 screens, hidden movement, supply, unit details and 3 difficulty levels.

11-Adult

Overtake

See: Racing games pack

Overview

Cambridge: Acornsoft

Personal productivity tools

BBC Master 128; £86.00 BBC Master Compact; £86.91

ROM; disk

Enables Master 128 owners with VIEW and ViewSheet to add the rest of the VIEW family with the purchase of one package, combining View Store and ViewSpell on ROM cartridge and ViewPlot, ViewIndex and Printer Driver Generator on disk. Overview pack for Master Compact includes ViewSheet also.

ROM; 3.5" disk

Owl

See: Basic package

Oxidation numbers

See: Chemistry collection

Oxidation numbers

See: Element data, calculations and oxidation numbers

Oxo

Northampton: Northamptonshire Computer Education Centre

198-

RM Nimbus; £25.00

Disk; documentation

Puzzles; Problem solving; Computer games; Primary education;

Puzzles and games to suit a wide age and ability range. Contents: Oxo, Battle, Maze, Pairs, Toybox. Bulk purchase discounts and licences available - details from publishers

5+

PacerGraph

Exeter: Maxima Communications plc

198-

Apple Macintosh; £95.00 (1-24 copies); £90 (25-99 copies)

Disk

Communication

A graphic terminal emulation package, giving Digital VT240/241, Regis and Tektronix 4010/4014 emulation. VMS software can be run from a Macintosh acting as a terminal, with graphic images being captured and manipulated through use of local Macintosh applications. Features include simultaneous viewing of text and graphics; full-screen mapping and colour emulation.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

PacerLink

Exeter: Maxima Communications plc

198-

Apple Macintosh; from £1,595.00

Disk

Communication

Provides virtual disk and print services and terminal emulation for Macintosh to Vax VMS and Ultrix hosts, as well as Status, Pyramid and Sun-based education and research environments. Virtual disk capability makes host disk space available to Macintosh users; allows several micro-computers to share data; enables data to be backed up automatically by host procedures. Print service allows Macintosh users to select PostScript printers connected to the host from the Chooser.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

PacerPrint

Exeter: Maxima Communications plc

198-

Apple Macintosh; £695.00 - £2,795.00

Disk

Communication

A Vax VMS PostScript print spooler, allowing a PostScript printer to be placed at any point in a Vax network supporting serial communication and printing. Macintosh and IBM PC users can then submit print jobs for printing PostScript documents in the familiar VMS fashion. Provides set of translators that converts text, Tektronix 4014 and Diablo 630 print formats to PostScript.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

PacerShare

Exeter: Maxima Communications plc

198-

Apple Macintosh; £295.00

Disk

Communication

Enables a Vax to act transparently as a large file server for a Macintosh network, providing same functionality as a dedicated Macintosh running an AppleShare server. Vax file system is viewed from the Macintosh as a series of HFS volumes. Vax directories are represented as Macintosh folders and files as file icons. Physical connection via Ethernet, using one of several available hardware configurations.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Packing

See: Fun school for 6-8 year olds

Pack-it

See: Technology and design : part 2

Pad switch games

Boyes, Rod

Bradford: Brilliant Computing

1986

BBC B; BBC B+; BBC Master; £13.35

Disk; manual

Preschool education; Infant school education; Primary education; Physical education; Special educational needs; Occupational therapy; Mobility

2 games to encourage movement: Promenade (user walks, crawls or rolls over pad switches, earning successive rewards from screen); Here and there (helps those with head injuries regain balance awareness as they stand on each of two pad switches alternatively to gain successive audio and visual rewards). Available in ready-to-run kit with 2 large pad switches, 2 small pad switches, interface box; £70.00; or with Cedars get fit set, 2 large pad switches, 4 small pad switches, interface box; £100.00.

BBC 5.25" disk. 40/80t. Works with 2/4 switches and interface box. While written for Pad switches, any other simple switches can be used.

3+

Page

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £24.50

Disk

Word processing; Creative writing; Information handling; Computer graphics; Databases; Secondary education

4 programs which pupils can use to create sets of up to 50 pages, containing text and/or graphics: Page 1 creates a carousel, as used in local viewdata systems. Page 2 creates pages which can be displayed when called up; Page 3 creates pages, each of which have five options leading to other pages. Page 4 creates a keyword database

Only specify 80t if you cannot use 40t disks

11-19

Paint

See: Target, Paint, Order, Odd one out and Octagon.

Paint and time

See: Art and time

Paintpot

BECC (Birmingham Educational Computing Centre)

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

198-

Birmingham picture programs

RM Nimbus; £10.00

Disk

Art; Primary education; Special educational needs; Computer graphics

Create coloured pictures and symmetrical designs on the screen using a mouse (or trackball if preferred) to choose from various "brushes" which can be "dipped" into any of 16 colours. Pictures can be saved, altered, printed out or displayed in a "gallery". They may also be used in any of the other Birmingham picture programs.

Mouse essential

Paintslide

Leamington Spa: SPA (Software Production Associates)

198-

RM Nimbus; £13.00 RM Nimbus Network £29.00

Design; Art; Puzzles; Problem solving; Infant school education; Primary education; Special educational needs; Computer games

Takes any PaintSpa or NewSPaPer picture and converts it into a puzzle. Five levels of difficulty from six to twenty five pieces of picture to be put together.

Uses keyboard or mouse.

4-16+

PaintSPA toolbox

Leamington Spa: SPA (Software Production Associates)

1987

RM Nimbus; £15.00 RM Nimbus Network £34.00

1 disk 1 manual

Design; Art; Computer graphics; Primary education; Secondary education; Utilities

An extension to PaintSPA for RM Nimbus only. Contains two packages - Slider, an advanced picture display; PicStore, an extension to RM Basic which loads and saves PaintSpa and NewSPaPer pictures

8-16+

PaintSpa: colour painting program

Leamington Spa: SPA (Software Production Associates)

1986/1987

IBM PC; RM Nimbus; £36.00 RML 480Z; £32.00 RML 480Z Network £95.00 IBM PC Site; RM Nimbus Network; £99.00

1 disk, 1 manual

Design; Art; Primary education; Secondary education; Computer graphics

Easy to use colour painting program. Can use a variety of input devices but primarily mouse driven. Features include drawing; brushing; painting; and typing and moving text. Contains pictures which the user may modify and use as desired.

IBM machines require colour EGA or VGA graphics.

4-18+

Pairs

See: Games programs

Pairs

See: Oxo, Battle, Maze, Pairs, Toybox.

Palace of magic

Cambridge: Acornsoft

BBC B; B+; 128K B+; Master 128; Master Compact (40/80t); £11.95 BBC B; B+; 128K B+; Master 128; Master Compact (3.5"); £14.95

Disk; booklet

Puzzles; Problem solving; Computer games; Primary education

The user tries to help Eric search for a

transporter to take him from the Palace of Magic to which he has been banished by the Wizard, avoiding the nasty creatures used by the Wizard to protect the castle from intruders.

40/80t disk; 3.5" disk

5+

Palestine 1947

Maltman, Charles; Blow, Frances; Watson, Deryn; et. al.

Harlow: Longman Micro Software

1986 (BBC)

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; Acorn Archimedes; £19.50 BBC Econet levels 2 & 3; SJ file server; AMCOM E-Net; RM Nimbus/Network; £30.00

1 disk; 1 teachers' guide; students' leaflets

History; Secondary education; Simulation

0582268702

A counter-factual game to help students understand the complexity of cause and effect in history as they explore the failure of the United Nations plan for the partition of Palestine in 1947, altering the policies of the USA, USSR, the Arabs, the Jews and the U.N. to try to make the plan work

BBC 40t, 5.25" DFS; BBC 80t, 5.25"; Nimbus/Network 3.5"; Archimedes compatible 3.5" disk 13-16

Palstat package

Palaeontological Association

Blairgowrie: Lochesoft

198-

BBC B; BBC B+; BBC Master 128; £24.50 Econet version; £90.00

Disk; manual; student manual (Econet version: disk; 2 manuals; 12 student manuals)

Sciences; Ecology; Biology; Statistics; Secondary education

0947584439

Contains 31 programs on a wide variety of graphical and statistical procedures for fossil and biological data; includes 3 worked case histories; ideal for routine treatment of taxonomic and ecological data, and for demonstration of such techniques. Additional copies of student manual: £3.50 (single copy); £2.50 (each, for 2-9 copies inclusive); £1.95 (each, for 10+ copies).

BBC 40 or 80t disk; Econet disk.

11-18

Paper round

Glasgow: Collins Educational

198-

Microspecial

BBC B; BBC B+; £20.00

Disk; documentation; teacher notes

Environmental education; Cross curriculum; Life skills; Puzzles; Problem solving; Special educational needs; Secondary education

A friendly, flexible program using a problem solving, structured approach, allowing teachers to design an individualised program, controlling difficulty level and altering data to suit requirements of pupils. Includes monitoring and assessment facility. Suitable for either individual or group use. Contained in Microspecial pack. Documentation available separately. Bulk

purchases and site licences available - details from publishers.

11-15

Paperbase de luxe

London: Wight Scientific

198-

IBM PC and compatibles; £90.00 Amstrad PCW; £50.00 Apple Macintosh; other CP/M and MS DOS computers; details from publishers

Disk; user information sheets

Databases; Information handling

A software package allowing user to set up and use a bibliographic database on a personal computer, assisting in the preparation of reference lists etc. Menu driven programs store reference information; search for references containing given combinations of keywords, etc.; orders list into alphabetical or numerical order; provide editing and layout facilities; lists all citations in a manuscript; allows references to be associated with abstracts stored elsewhere, etc.

Requires DOS version 2, twin floppy disks or a hard disk, 64K memory or more.

Paraffin file

Randall, K.R.; Lynch, M.R.

London: BP Educational Service

198-

BBC B; BBC B+; BBC Master; RML 480Z; RM Nimbus; Apple II; £11.95

1 disk; tutor's guide; program notes; photocopy masters of the decision form and profit/loss accounts

Business education; Economics; Careers; Secondary education; Further education; Simulation

0861650076X

The program is closely based on the experience of the UK paraffin market. Participants work in three groups representing the marketing departments of three fictional oil companies. They take decisions on the likely size of the market, number of sales staff, the price of the product.

BBC disks are 40 or 80 track.

14-18

Paraman

See: Single switch programs

Parameter manager plus

Ruislip: Desktop Engineering Systems

198-

Apple Macintosh; £610.00

Disk

Statistics; Engineering; Sciences

Collects, analyses and reports the condition of time-based, data-based or sample-based technical data in up to 256 parameters. Analyses available include trend plots; strip charts; Hi-Low charts; forecasting; parametric plots; data compression; statistical analysis; correlation between parameters and statistical process control. Includes remote data entry facility, with interactive and host modes.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Parents evening appointments package

Kennewell, Steve

Birmingham: Hutchinson Software

198-

RML 380Z; £15.00

Schools; Administration

Timetables parents evenings by matching parents to teachers for individual interviews about child's progress. Teachers and parents get individual lists/letters of appointment.

RML 380Z disk only

Parrot scene

See : Marthamateg (Mousematics Cymraeg); Mousematics number bonds; Clwyd Technics

Particle deflection

Dolgellau: Science Education Software

198-

BBC B; BBC Master 128; Econet; £12.00 + VAT RM Nimbus; £13.00 + VAT RM Nimbus Network; £28.00 + VAT

Disk

Physics; Sciences; Secondary education; Sixth form education; Simulation

The two main sections of this interactive program simulate the deflection of electrons and alpha particles in either a magnetic or an electric field.

BBC 40t, 5.25" disk; BBC 80t, 5.25" disk; RM Nimbus, 3.5" disk

16-19

Particle scattering

London: King's College, Chelsea

198-

Apple Macintosh II, IIc, IIe; Acorn Archimedes (transfers under consideration); BBC B; BBC B+; BBC Master 128; RML 380Z; RML 480Z; IBM PC; RM Nimbus

1 disk; 1 booklet

Sciences; Physics; Secondary education; Sixth form education; Further education; Simulation

A simulation of alpha particle scattering by metal foil aiming to show students how to learn about the nature of an object from the way it scatters; to increase their understanding of the use of models in physics; to give appreciation of the work of Rutherford, Geiger and Marsden.

15-19

Particles

See : Particles and diffusion

Particles and Diffusion

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £17.50 BBC Master Compact; £19.70 RM Nimbus; Amiga; IBM and compatibles; £24.50

Disk

Chemistry; Secondary education; Sixth form education; Further education; A Level examinations

Contents: Particles (the particle nature of gases, liquids, solids); Gas to gas diffusion (a

diagrammatic representation of the results of connecting two gases in adjacent containers; Solid to liquid diffusion (a liquid added to a solid.)

Only specify 80t if you cannot use 40t disks.

14-18

Partit

See: Primaths4

Partition

See: Games, activities and investigations volume 1

Partition

See: Mathematics practice in the classroom

Party

See: Choices

Passage of guardians

See: Fun school for over 8s

Pasteboard

Newcastle Upon Tyne: Northern Micromedia 1990

BBC B; BBC Master; to be announced

Art; Design; Graphics; Secondary education

Enables text and graphics to be manipulated to produce posters, worksheets etc.

13+

Path of a water droplet

See: MEP/GAPE Project geography programs

Pathfinder

Whittington, Ian

Huntingdon: Cambridgeshire Software House 1987

BBC B; BBC B+; BBC Master 128; BBC Master Compact; RM Nimbus; £24.00 Site Licence £45.00

1 disk; 12 briefing sheets

Mathematics; Geography; Adult education; Simulation; Secondary education

A large scale simulation which involves planning a flight, map reading, navigation. It provides a mathematical and geographical environment in the decision making of flying from and to any one of the 300 or more airfields worldwide that are available

10-Adult

Pathfinder

See: Pathway to bearings

Pathway

See: Pathway to bearings : Suite B

Pathway to bearings

Glasgow: Scetlander

BBC B; BBC B+; BBC Master 128; £45.00

9 disks; flashcards; maps

Mathematics; Life skills; Computer studies; Infant school education; Primary education; Computer graphics; Simulation; Secondary education

51855720272

Contents: Suite A (Left or right; Playpark; A walk around the zoo); Suite B (Compass points; Pathfinder; King of the jungle); Suite C (Know your compass points; Radar; Mapmaster). The programs move from simple discrimination of left/right to a complex orienteering simulation. Individual programs £7.50 each.

BBC 5.25" disk

5-14

Pathway to bearings : suite A

Glasgow: Scetlander

Pathway to bearings

BBC B; BBC B+; BBC Master 128; £22.50
Acorn Archimedes; £24.00

3 disks; 3 sets documentation

Mathematics; Life skills; Infant school education; Primary education; Computer graphics

1855720280

Contained in Pathway to bearings. Contents: Left or right (teaches the concepts of left and right); Playpark (reinforces the concepts of left and right); A walk around the zoo (consolidates work covered in previous two programs and introduces simple route planning).

BBC 5.25" disk; Acorn Archimedes 3.5" disk

5-8

Pathway to bearings : suite B

Glasgow: Scetlander

Pathway to bearings

BBC B; BBC B+; BBC Master 128; £22.50

3 disks; 3 sets documentation

Mathematics; Life skills; Primary education; Computer graphics; Computer games; Geography

1855720345

Contained in Pathway to bearings. Contents: Compass points (consolidates knowledge of the four compass points); Pathfinder (extends knowledge of the four compass points); King of the jungle (game to reinforce knowledge of compass points).

BBC 5.25" disk

7-10

Pathway to bearings : suite C

Glasgow: Scetlander

Pathway to bearings

BBC B; BBC B+; BBC Master 128; £22.50

3 disks; 3 sets documentation

Mathematics; Life skills; Primary education; Secondary education; Computer graphics

185572037X

Contained in Pathway to bearings. Contents: Know your compass points (develops knowledge of the eight compass points; familiarises pupils with more common ordnance survey map symbols); Radar (reinforces understanding of the relationship between bearings and compass directions); Mapmaster (gives further practice in estimation and measurement of bearings within an orienteering context)

BBC 5.25" disk

9-14

Pathways

See: Think ahead

Patience

See in Games disk 2 (Amstrad)

Pattern

See: MAPE compendium

Pattern program

Pedley, C.; Shakespeare, J.

Walsall: Digital Images

1988

BBC; £34.00 RM Nimbus; £45.00 RM Nimbus 16 station network; £90.00 Atari ST; STE; Mega (1040 upwards); £25.00

Disk

Art; Design; Craft, design, technology; Secondary education; Further education; Sixth form education; Adult education

A powerful user-friendly program for textile and surface-pattern design. Designs patterns for electronic painting; captures motifs from digitised photographs. Network and LEA licences available. Free demonstration disk available

BBC version - 40t or 80t disk. Interacts with all Mode 1 graphics software. RM Nimbus version - requires 1mb RAM; interacts with PC Paintbrush. Atari ST version - 512 colours. Interacts with all Atari graphics software. Requires 1040 or above

14+

Patterns

See: Videomaths 1

Patterns

See: Science in process : pack 5

Patterns

See: Design : words and iamges

Patterns

See: Craftshop 1

Patterns and picture builder

See: Design : words and images

Payment

See: Newsagent

Payroll

Barnet: Glentop Press Ltd

198-

Topline accounting software

IBM PC and compatibles; £130.00

Disk

Business education; Schools; Accounting; Secondary education; Further education; Information handling

A full-featured payroll package, handling PAYE, NI, SSP & SMP. Produces P45 P14/P60 and P35 reports, along with payslips/reports.

16+

Payroll

Exeter: Minerva Software

198-

Perseus accounts

Acorn Archimedes; £149.00

Disk

Business education; Secondary education; Sixth form education; Further education

Caters for weekly, fortnightly, four weekly and monthly pay, whether contracted out or in. Calculates tax; NI contributions; prints pay slips; allows additions, deletions, alterations; handles overtime rates; bonuses; pension funds; sick pay, SSP; SMP holiday pay and post tax adjustments; allows cash, cheque or direct debit payments. Report facilities include P35 listings

12-16+

Payslip

Reeves, R.R.; Brandon, P.A.

London: Pitman Publishing

1984

BBC B; BBC B+; BBC Master; £45.00

1 disk; 1 booklet

Business education; Mathematics; Secondary education; Further education; Adult education; Data processing

0273021605

The program is designed for students of business and secretarial studies at BTEC First, CPVE, YTS, TVEI and similar level courses

14-Adults

Pazazz

Wisbech, Cambridgeshire: esm

198-

BBC B; BBC B+; BBC Master 128; BBC Master Compact; £17.50

Disk

Art; Cross curriculum; Design; Music; Primary education; Secondary education

An open-ended art, design, music program, useful for topic work. Children work in groups, creating a figure, designing a scene, composing music and animating the figure for a Pazazz performance. Includes four performances.

BBC 5.25" disk; Master Compact 3.5" disk

9-14

PC knit desk

Clwyd: Clwyd Technics Ltd

198-

IBM PC compatibles; £280.00

Disk

Craft, design, technology

Features include 3 geometric tiling features; design on grid; scale image by number of rows

and stitches; add text to design; selective screen grab.

For use with Knitmaster 550, 560 and 580 knitting machines. Please state whether disk size 3.5" or 5.25" required

PC Quest

Hatfield: Advisory Unit

198-

IBM PC and compatibles; RM Nimbus; £39.00

Disk; booklet

Databases; Primary education; Secondary education; Information handling

0946039534

PC quest is a full version of Quest which will run on a range of 16-bit computers, including Amstrad 1512. Although no graphics are provided, the pack includes editing utilities, mail-merge and sample data. Designed for education but is proving popular for many clubs and societies as well as small businesses.

7+

PCB : printed circuit manual drafting package

Daniels, J.F.

Ilford: Pineapple Software

1986

BBC Master 128; BBC Compact; Acorn Archimedes; £85.00

Eprom; handbook

Electronics; Craft, design, technology

Requests size of board; draws board outline; allows selection of components from library for use as standard or for amending. Facilities include manual pixel drawing mode; circle drawing routine and flood filling. Allows entry of tracks using the cursor keys, with 3 standard track thicknesses available. Print routines for different printers including LQ series; optional plotter disk available.

16k Eprom; Requires 32K BBC micro, 1 40t disk drive (also compatible with B+, Master and Compact). Works with any DFS including ADFS (page at £1900 or less). Also on networks and on Archimedes RISC OS

PCB plotter driver software

Walker, D.

Ilford: Pineapple Software

1987

BBC; Acorn Archimedes; £35.00

Disk

Electronics; Craft, design, technology

Plotter driver software for PCB software: contains drivers for HP-GL; HI-80; Ploumate-M; Pixy 1/3; Hitachi, Tandy, Penman.

PCB turbo V2

Instagraphic

Leeds: Pineapple Software

1989

IBM XT; IBM AT; £395.00

Disk

Electronics; Craft, design, technology

Offers a printed circuit board design and drafting facility, with pop-up menus and help screens and full EGA support; powerful editing facilities; extensive library of standard

components; simple command structure; output to pen plotter, dot matrix printer or Gerber-compatible photoplotter.

Requires 640Kb RAM; fixed disk (10mb minimum), colour graphics adaptor (EGA recommended, CGA also supported); colour monitor. Input via mouse, trackball, digitiser or keyboard

PCBAR : printed circuit auto-routing package

Daniels, J.F.

Ilford: Pineapple Software

1987

BBC; £185.00

2 Eproms; handbook

Electronics; Craft, design, technology

Requests size of board; draws board outline; allows selection of components from library for use as standard or for amending. Facilities include manual pixel drawing mode; circle drawing routine and flood filling. Allows entry of complete connection list identifying all the points on the board which require joining together. Print routines for different printers including LQ series; optional plotter disk available. Manual/Autoroute upgrade available - £110.00.

2 16k Eproms; Requires 32K BBC micro, 1 40t disk drive (also compatible with B+, Master and Compact). Works with any DFS including ADFS (page at £1900 or less). Also on networks and on Archimedes RISC OS

PCMACTERM

Exeter: Maxima Communications plc

198-

Apple Macintosh; £99.00 Apple Macintosh network version; £349.00

Disk

Communication

Allows a Macintosh to connect to an IBM PC, XT, AT, PS/2 or compatible, either remotely or directly via a serial cable. Offers complete compatibility with IBM software, hardware and data files. Allows user to run IBM programs from Macintosh and transfer files between both. Supports Multifinder.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

PC-Tel : Teletel communication software for accessing French videotex services

Lisbona, David

London: Aldoda International Ltd

1989

IBM PC or compatibles; £149.00

Disk; 1 user guide; 1 keystrip; 4 leaflets

Viewdata; French; Communication; Computer graphics

Enables user to connect micro and a modem to Teletel (also called Minitel), the national videotex system in France. Includes a full graphics display and accented characters.

3.5"/5.25" disk. Requires MinitelNET subscription (100 units £30.00) and a Packet Switching account (Mercury Communications).

Pebble shape and form : practical analysis

St. Just: MJP (Michael Jay Publications)

198-

BBC B; BBC B+; BBC Master; £17.95 RML Nimbus; details from publishers

Disk

Geography; Computer graphics; Databases

Contents: Roundness; Roundcorr; Zzing. Produces analytical diagrams from measurements of pebbles in the field; calculates the cailleaux index for up to 200 samples; correlates pebble size with roundness index; classifies pebbles according to shape, allowing the lithology of each sample to be taken into account.

BBC 40t disk unless otherwise requested.

Peg leg

See: Evidence

Pegasys

Ruislip: Desktop Engineering Systems

198-

Apple Macintosh; £695.00 (details of education pricing from publishers)

Disk

Computer assisted design; Design; Craft, design, technology; Engineering; Utilities

A design and drafting system with pull-down menus; single keystroke commands; on-line help. Provides all features necessary to produce the most complex 2D drawings in an easy to use package. Compatibility with DXF, SIF and IGES file formats means any existing CAD investment can be transferred to Pegasys.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Pegasys 2

Ruislip: Desktop Engineering Systems

198-

Apple Macintosh; £1,795.00 (details of education pricing from publishers)

Disk

Computer assisted design; Design; Craft, design, technology; Engineering; Utilities

A design and drafting system with pull-down menus; single keystroke commands; on-line help. Provides all features necessary to produce the most complex 3D drawings; adding more menus, macros, command input and Bill of Materials to Pegasys. Compatibility with DXF, SIF and IGES file formats means any existing CAD investment can be transferred to Pegasys.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Pelican crossing

See: Single switch programs

PenDown

Hunter, Peter

Cambridge: Logotron

1986

BBC B; BBC Master; BBC Master Compact;

RML 480Z; £37.00 BBC Site Licence; £250.00 (Secondary); £150.00 (Primary)

1 disk or chip; utilities disk; 1 manual

Art; Primary education; Infant school education; Middle school education; Word processing; Creative writing; Cross curriculum

095100557X

A child-centred word processing package designed to encourage children to develop their creative and expressive skills. The BBC version only now includes PenDown extra, which includes adventures, font merge, font files, help files, and a dictionary.

Site Licence includes additional utilities. Suitable for machines with sideways RAM, individually or over a network, but need to specify whether version required is for individual or networked machines.

6-14

PenDown adventure writer

Cambridge: Logotron

BBC B; BBC Master; BBC Master Compact; £16.50

1 disk; 1 manual

Language; Infant school education; Primary education; Secondary education; Word processing; Computer games

An enhancement to PenDown. Provides children with the means to play text-based adventure games, and to write their own using the word processor. Encourages language development, comprehension and logic and sequencing skills.

BBC only. For use with PenDown

6-14

PenDown extra

Cambridge: Logotron

1988

BBC B; BBC Master; BBC Master Compact; £10.00

Disk; Manual

Word processing; Utilities; Primary education; Secondary education

A number of extra utilities including adventures, font merge, font files, help files and a dictionary for existing users of PenDown, PenDown toolbox and PenDown adventure writer.

BBC only. For existing users of PenDown, PenDown toolbox and Pendown adventure writer. Now supplied free with BBC PenDown

6-14

PenDown toolbox

Hunter, Peter; Cave, Peter; Nuttall, Paul; et al

Cambridge: Logotron

1987

BBC B; BBC Master; BBC Master Compact; (40i); £16.50

1 disk; 1 manual

Art; Design; Word processing; Language; Infant school education; Primary education; Secondary education; Utilities

0951005596

Extra utilities programs for Pendown. Contents: Signwriter, for creating headlines; FontEd 2, for designing own fonts; Wordbank, saves time when creating dictionaries; BOOT file generator, for tailoring the writing page to children's needs. Also contains 12 extra printing fonts.

BBC only. For use in conjunction with PenDown

6-14

Pendulum

See: Ballistics and pendulum

Pennant commander light pen

Backwell, Bristol: Arrowsoft Educational Software

198-

BBC B; BBC Master; £21.00

Disk

Art; Design; Craft, design, technology; Primary education; Secondary education; Adult education

Allows user options to paint with 4 colours or 8 colours; compose with shapes; create new shapes.

5+

Pentominoes

See: Polyominoes project pack

Pentoms

Backwell, Bristol: Arrowsoft Educational Software

198-

BBC B; BBC B+; BBC Master; £14.00

Disk

Language; Puzzles; Problem solving; Geometry; Mathematics; Primary education; Secondary education; Computer games

A game of skill based on the Chinese Pentominoes, involving fitting different shapes to fill a space, rotating, inverting and moving them about the screen. Includes a tutor program, KIDTOMS, in eleven graded levels, for younger children.

6+

Pen-Friend

Sephton, Anne; Sephton, David

Cambridge: Primrose Publishing

1990

Tick-Tack/Pen-Friend

IBM PC and compatibles; Acorn Archimedes (IBM emulation); RM Nimbus; Apricot; BBC Master; complete pack for one foreign language; £220.00 Extra languages; £75.00 Economy pack for schools; £123.00; extra languages; £49.00 BBC Master; £100.00

Disk; 1 book in mother tongue; 1 book in foreign language; 1 user guide/operating manual; multilingual word-processor on disk

Modern languages; English; English (second language); French; German; Spanish; Italian; Welsh; Latin; Russian; Turkish; Gaelic; Swedish; Danish; Greek; Swiss Romansch; Special educational needs; Word processing; Secondary education; Sixth form education; Further education; General Certificate of Secondary Education

A Tick-Tack supplement, available in 14 languages. Provides strong motivation over a broad range of ability and age. Multilingual "authoring" package. Uses building-block sentences to create foreign text on screen, providing valuable practice in handling the language, building confidence through

manipulating text on screen, and developing comprehension and creative writing skills. Uses built-in multilingual word processor to create and edit text (Tick-Tack Writer). First published in 1986

IBM PC/Nimbus version can be used on any MS DOS micros (3.5" or 5.25"). Site licence available for networking or multiple use. Word processor runs with all screen menus and messages in mother tongue and target language (including Russian, Greek, Turkish, Welsh, Gaelic, etc.). Special international Tick-tack fonts allow most languages to be combined on screen and printed out together (Russian with Catalan, Greek with Turkish, French with Czech etc.). Ideal for electronic mail

11+

Pen-Friend project packs

Sephton, Anne; Sephton, David

Cambridge: Primrose Publishing

1990

Tick-Tack/Pen-Friend

£45.00

Disk; project book

Modern languages; English; English (second language); French; German; Spanish; Secondary education; Further education; General Certificate of Secondary Education; Business education

Provides a wide range of practical assignments, task and exercises based on the Pen-Friend texts, including typing practice, word-processing; composing letters, creating telephone dialogues, using reported speech, translation, paraphrasing and comprehension, creative writing, text editing. Includes built-in authoring facility. Photocopying licences available. First published in 1989

Used in conjunction with the Pen-friend pack and Tick-tack writer (multilingual word processor)

11+

People

See: Making connections

People, death and food

London: Sussex Publications Ltd; World Microfilms

198-

History revision on micro-computer

BBC B; BBC B+; £18.95 Econet level 2; £29.95

Disk; manual

History; Secondary education; General Certificate of Secondary Education

Practical revision aid, with features including introductory material and maps where relevant. Covers Population 1700-1850; Disease and medicine; Agriculture 1700-1850. Available in set: History revision on micro-computer

BBC 40t or 80t disk

11+

Percent

See: Secondary maths 1

Percentage families

See: Maths topics 2

Percentage snap

See: Maths topics 2

Perfume hunter

Dary, J.

Gravesend: Fernleaf Educational Software Ltd
198-

BBC B (disk); £11.26 BBC B (cassette); £8.65

Disk or cassette

Language; Primary education; Secondary education; Puzzles; Problem solving; Computer games

Contained in Games of deduction. The aim is to find bottles of perfume hidden in tall grass in a certain number of moves, with the help of a dog who knows when it is close to a bottle. Six levels of difficulty

8-13

Periodic quiz, solubility rules and reactions

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £19.50 BBC Master Compact; £21.70 Amiga; £24.50 Econet; £58.50

Disk

Chemistry; Secondary education; General Certificate of Secondary Education; Puzzles; Problem solving

Contents: Periodic Quiz (4 sets of questions, cover either first 36 or all elements); Solubility rules (questions from a bank of c.600 on water solubility/ease of precipitation of a wide range of salts); Reactions (questions on many important reactions from mixing a variety of common chemicals).

Only specify 80t if you cannot use 40t disks.

13-16

Periodic table

Freeman, Howard

Leicester: Howard Freeman

198-

Apple Macintosh; free on receipt of S.A.E. and formatted disk.

Disk

Sciences; Databases; A level examinations; Sixth form education; Further education; Adult education

A stack containing over 300k of data representing 21 attributes on 103 elements. Includes reference section on element groups and biological significance; tutorial section on electronic configuration. Allows any or all of the attributes of any group or period to be selected for inclusion in a table. An ideal resource for students comparing element properties.

Requires HyperCard version 1.2. Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

16+

Periodic table

Norwich: ITV Schools

1989

BBC B; BBC B+; BBC Master 128; £17.25 RM Nimbus; £18.40 Acorn Archimedes; details to be announced

1 disk; Information sheets; User's notes; Worksheets

Chemistry; Sciences; General Certificate of Secondary Education; A level examinations; Secondary education; Higher education; Information handling; Computer graphics

Datafile for use with Key. Students can examine a wide range of properties for each element. Key enables subsets to be quickly produced so that groups of elements can be compared. Particular pairs of properties may be examined for evidence of periodicity by plotting scattergraphs

BBC, 5.25" DFS; Converts for Key 128 or Key Econet

14-18+

Periodic table and electronic structure

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £19.50 BBC Master Compact; £21.70 RM Nimbus; £24.50

Disk

Chemistry; Secondary education; General Certificate of Secondary Education

A teach/test program which draws the period table; highlights user's choice of features - e.g. groups, periods, metals, non-metals, transition elements. Provides introduction to the electronic structure of the elements as related to the periodic table.

Only specify 80t if you cannot use 40t disks

13-16

Periodicity of the elements

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £19.50

Disk

Chemistry; Secondary education; Sixth form education; Further education; General Certificate of Secondary Education; A Level Examinations

Covers comparative periodicity plots; colour coded periodicity plots with scales; comparative group plots; comparative metal series or period plots; tabulation of element, group, series or period data; display of formulae and electron configurations; element investigation; multiple choice questions. Database contains up to 37 physical and chemical properties of the elements $Z = 1-95$ and their compounds.

Only specify 80t if you cannot use 40t disks.

14-18

Personal banking

Hennesey, Kathleen; Murphy, Paul

Harlow: Longman Micro Software

198-

The computer applications project

BBC B; BBC B+; BBC Master 128; £19.50

Disk; students book; teacher's guide; student worksheets

Computer studies; Business education; Secondary education; General Certificate of Secondary Education; Simulation

An interactive simulation of a commercial computer application, in which the student becomes a teller in one branch of a well-known high street bank.

BBC 40t, 5.25" DFS disk

14-16

Perth 3D physical landscape

Glasgow: CDG (Scotland) Ltd.

198-

3D physical landscapes

BBC B; BBC B+; BBC Master 128; £15.50 Acorn Archimedes; IBM PC; RM Nimbus; £21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

Geography; Databases; Secondary education

Designed to take advantage of the potential of the Three Dimensional suite. Deals with aspects of land use, relief, roads, rocks, soils and slopes. Structured modular work units accommodate all ability levels; aids understanding, developing enquiry, evaluation and analysis skills. Optional Epson compatible screen dump (BBC/Nimbus only) available. £7.50 (BBC); £13.50 (Nimbus). Discounts available for purchase of any two or more datapacks - details from publishers.

Please state format required: BBC 40 or 80t disk; IBM PC (EGA/ECD only)

12-16

Peruvian village

Rayner, David A.

Plymouth: Garland Computing

1988

BBC B; BBC B+; BBC Master 128; £17.65 RM Nimbus; Acorn Archimedes; £20.00 Nimbus network; £37.65 Econet; £35.30

Disk; background notes; maps; worksheets

Geography; Sociology; Environmental education; Secondary education; Simulation; Puzzles; Problem solving

A simulation illustrating difficulties faced by people living in isolated villages in harsh environments, in which pupils organise food production in a village high in the Andes mountains in Peru. Site licences, multiple copy discounts available; details from publisher

BBC 40 or 80t (please specify). RM Nimbus versions supplied with BBC- BASIC

11-15

Peter Davy's computer programs for ABE

Davy, Peter

Ossett: Peter Davy

198-

BBC B; £1.00 on receipt of appropriate number of blank disks

Disk; documentation

Reading skills; Mathematics; Adult education
90 programs available, covering mainly literacy, but also including numeracy programs. Supporting papers describing each program available on receipt of £1.00 (refundable against future order).

11 single sided 40t disk 5.25" disks. Publisher will copy 2 40t sides onto one 80t side if required or onto the drive 2 side of d/s disks, but users will need double sided disk drive and will not be able to call up the Menu with Shift/Break for the programs on that side.

18+

Petland drama

Gravesend: Fernleaf Educational Software Ltd

198-

Fernleaf Dramas

BBC B; BBC B+; BBC Master 128; BBC Master Compact; £17.95

Disk; documentation

Mathematics; Creative writing; Geography; Databases; Puzzles; Problem solving; Primary education; Secondary education; Cross curriculum

Users have to choose a pet from a data bank of information on the three states in Petland; the pets available in each state and their characteristics; and the houses available in each state. The acts in the "drama" are the Petland Council; parent issues; your character; choosing the state and the home; choosing the pet and evaluation.

Please state make/model of computer; network system; disk size and printer

9-11+

Pfood

See: Food and recipes

pH

See: Gas density, pH, periodic table

pH curves

See: Physical chemistry

Phase topics

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £19.50 BBC Master Compact; £21.70 Acorn Archimedes; RM Nimbus; £24.50 RM Nimbus network; (up to 16 machines) £45.00; (up to 48 machines) £65.00

Disk

Chemistry; Secondary education; Sixth form education; Further education; A Level examinations; Computer graphics

Five programs containing labelled graphs: SVP (effect of temperature/involatile solutes on the vapour of a solvent); Phase 1 (the water, carbon dioxide and sulphur phase diagrams); DIST1, DIST2 (variation of SVP and boiling points of mixtures, used to explain fraction distillation, azeotropes, etc); SLEQ (the equilibria between solids and liquids/eutectics).

Only specify 80t if you cannot use 40t disks.

16-18

Philosopher's quest

Kilworth, Peter

Peterborough: Topologika

1987

Text adventures

BBC B; BBC Master 128; BBC Master Compact; PCW; £14.95 CPC; Spectrum +3; £11.95 Amstrad; IBM PC; RM Nimbus; £17.50 Acorn Archimedes/A3000; £19.95

Disk; booklets

Adventure simulation; Computer games; Puzzles; Problem solving; Secondary education

A baffling magical adventure in which the player must collect hidden treasure. Acorn Archimedes/A3000 includes Countdown to Doom and Return to Doom free.

12-Adult

PHM Pegasus

Langley, Nr. Slough: Electronic Arts Ltd; Lucasfilm Games

198-

PC; £9.99

Disk

Computer games; Adventure simulation; Puzzles; Problem solving

A high speed naval simulation, involving 8 real-life missions in danger zones around the world in the Patrol Hydrofoil Missilecraft Warship, with authentic naval tactical strategy and 3D solid-fill graphics.

Phonin

Wisbech, Cambridgeshire: esm

198-

BBC B; BBC B+; BBC Master 128; £75.00

Disk

Life skills; Infant school education; Primary education; Special educational needs; Simulation

Introduces telephone sounds, telephone parts, sequencing actions for dialling up to a 6-figure number. A real push button telephone connects to the computer which responds to dialling numbers by generating life-like tones for dialling, engaged and not available. Shows how to ask for help and use directories

BBC 5.25" disk. Operated through the phone, keyboard, or Concept keyboard

4+

Photoelectric effect

See: A level general physics pack

Photosynthesis

Garland, John M.

Plymouth: Garland Computing

1983

Plant biology simulations

BBC B; BBC B+; BBC Master 128; £13.85 Econet; £31.50

Disk

Biology; Secondary education; Sixth form education; Further education; Computer graphics; Simulation

A simulated experiment to determine the effects of light, carbon dioxide and temperature on the rate of photosynthesis. Contained in Plant biology: disk 1 collection. Site licences, multiple copy discounts available; details from publisher.

BBC 40 or 80t (please specify)

16+

Physical chemistry

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £19.50 RM Nimbus; IBM PC and compatibles; £24.50 RM Nimbus network; (up to 16 machines) £45.00; (up to 48 machines) £65.00 BBC Master Compact; £21.70 Econet; £58.50

Disk

Chemistry; Secondary education; Sixth form education; Further education; A Level Examinations; Computer graphics

Contents: Hydrogen spectrum (line spectra, derivation of ionisation energy); Electronic

configuration (Hund's rules); Structures of solids (close packing of spheres, structures of NaCl and CsCl); Covalent shapes (electron pair repulsion theory); pH curves (titrations/buffer solutions); Vapour pressure curves (fractional distillation theory); Molecular energy distributions (reaction rate/temperature variation).

Only specify 80t if you cannot use 40t disks.

16-18

Physical chemistry pack

Harlow: Longman Micro Software

198-

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; Acorn Archimedes; £35.00 BBC Econet; SJ file server; AMCOM E-Net; RM Nimbus/Network; £45.00

Disk

Chemistry; Secondary education; Sixth form education; Further education

Contents: Rates of reaction (the effect of reaction conditions on the rate of decomposition of hydrogen peroxide); Gas Laws (graphical displays of the relationship between volume, temperature, pressure and mass of an ideal gas); Homogeneous Equilibrium (acid-alcohol equilibrium/gas phase equilibria leading to an equilibrium law in terms of concentration)

BBC 40t, 5.25" DFS disk; BBC 80t, 5.25" disk; Archimedes compatible 3.5" disk; Nimbus/Network 3.5" disk

13-19

Physical geography pack

Harlow: Longman Micro Software

198-

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; Acorn Archimedes; £45.00 Econet levels 2 & 3; SJ file server; AMCOM E-net; RM Nimbus/Network; £55.00

Disk; teachers' guide; students' leaflets

Geography; Statistics; Secondary education; Sixth form education; Further education; Databases; Simulation; Content free programs 0582265304

Contents: Drainage basin morphometry (demonstration/utility program to support work on drainage basin analysis using Strahler's method of stream ordering); Sailing ships game (a model of the world's atmospheric circulation system, used to reinforce/apply knowledge of the major wind belts through navigating a ship); Water on the land (a simulation to investigate the movement and storage of rainwater on an area of ground)

BBC 40t, 5.25" DFS; BBC 80t, 5.25"; Nimbus/Network; Acorn Archimedes; 3.5" disk

16-19

Physics definitions

Wright, D.J.

London: Sussex Publications Ltd; World Microfilms

198-

BBC; £19.95

Disk; manual

Sciences; Physics; Secondary education; Sixth form education; General Certificate of Secondary Education; A level examinations

Multiple choice questions in time-based tests at four different skill levels, covering mechanics;

properties of matter; heat; optics; waves; electrostatics; current electricity; electromagnetism

16+

Physics disk 1 : collection

Garland, David

Plymouth: Garland Computing

1984

Physics : collection 1

BBC B; BBC B+; BBC Master 128; £37.20 RM Nimbus; Acorn Archimedes; £40.15 Nimbus network; £57.80 Econet; £54.85

Disk

Physics; Simulation; Secondary education; Sixth form education; Further education

Programs augmenting practical work; for use as interactive visual aids, self-tuition or revision. Contents: Oscilloscope/Waveform analysis (simulates the workings of the cathode ray oscilloscope; includes self tuition program on how waves are drawn and described); Circuits - switches and diodes (2 programs displaying different circuit types of increasing complexity; pupils use keyboard commands to alter switches/diodes to illuminate bulbs in the circuits); Field line simulation (plots field lines due to a pattern of sources which the user can vary in number, position and relative strength). BBC versions available separately. Site licences, multiple copy discounts available; details from publisher

BBC 40 or 80t (please specify). RM Nimbus versions supplied with BBC- BASIC

13+

Physics disk 2 : collection

Feeley, D.; Tennent, R.; Weir, J.

Plymouth: Garland Computing

1984

BBC B; BBC B+; BBC Master 128; £37.40 Acorn Archimedes; £40.15 Econet; £55.05

Disk

Physics; Secondary education; Sixth form education; Further education; Computer graphics; Simulation

Interactive visual aids, or for use for self-tuition or revision. Contents: Electrostatics (4 programs using graphics to help explain electrostatic phenomena in conjunction with practical work); Projectiles (simulation of the flight of a projectile and stroboscopic record of its motion; includes screen-dump for EPSON printers); Models in physics (graphic simulations of Millikan's experiment; models of atomic structure and line spectra). BBC versions available separately. Site licences, multiple copy discounts available; details from publisher

BBC 40 or 80t (please specify)

12-16+

Physics disk 3

Bate, Mike

Longbridge Deverill, Warminster: Soft Teach Educational

1987

PhysiCATsoft programs

BBC B; BBC B+; BBC Master 128; £20.00 Acorn Archimedes; £22.50 Network; £40.00

Disk; manual; circuit diagram

Sciences; Physics; Computer graphics; Secondary education; Sixth form education; A level examinations; Further education

0948808500

10 programs, covering Superposition, scalar addition of 2 or 3 waves; Diffraction; Multi-slit grating; Young's slits; Propagation of sound; Doppler shift effect; A.C. Parallel/Series L-C circuits; C-R Charge/Discharge (requires hardware: circuit diagram provided); Oscillations; Simple harmonic motion; Line spectrum; Hydrogen atom spectrum; Dynamics $F=Ma$ forces on slope. Bulk purchase discount available.

BBC 5.25" disk; Archimedes 3.5" disk

14+

Physics experiments

Newport, Lincoln: MEDUSA

198-

BBC B; BBC B+; BBC Master; £10.00

Disk; Teacher notes

Physics; A Level Examinations; General Certificate of Secondary Education; Secondary education; Sixth form education; Further education

Suite of programs enabling the teacher to utilise the BBC user port to measure time intervals, velocity and acceleration. Requires simple interface to be constructed - details included

Interface required

11-16+

Physics Software Pack 1

Campbell, John

Birmingham: Hutchinson Software

198-

RML 380Z; £15

1 disk

Physics; Secondary education; Sixth form education; Further education; Computer graphics

Helps pupils understand difficult O and A level Physics topics. Makes full use of the graphics potential of the 380Z. Content: Random walk; Bromine diffusion; Capacitor discharge; Moonshot; Ionic crystal calculators; Oscillations of a mass and spring; Alpha particle scattering.

RML 380Z disk

11-18

Physics Software Pack 2

John Campbell

Birmingham: Hutchinson Software

198-

RML 380Z; £15.00

1 disk

Physics; Secondary education; Sixth form education; Further education; Computer graphics

Helps pupils understand difficult O and A level Physics topics. Makes full use of the graphics potential of the 380Z. Contents: Optical diffraction; Random arrangement; Quantum shuffling Simulation; Thermal barrier; Random arrival of photons; Solution to Schrodinger's wave equation for a hydrogen atom.

RML 380Z disk

11-18

Physics Suite

Ford, P.

Ashton-under-Lyne: Granada Educational Software

1989

BBC; RML 380Z; RML 480Z; £12.50 per program in pack

Disk; documentation; worksheets

Physics; Secondary education; Sixth form education; Further education

Contents: Determination of the electrostatic constant; Einstein's quanta simulation; Velocity of light; Multiple slit interference; Millikan's oil drop experiment. Designed to help in demonstration of particularly difficult or unreliable experiments.

Disk (40t). RML 380Z requires 80 character keyboard.

11-16+

Picasso

See: MAPE tape 4

Picfile

Straker, Anita

Cambridge: Cambridge Micro Software

1984

BBC B; BBC B+; BBC Master; £22.50

1 disk; 1 documentation booklet

Databases; Secondary education; Statistics

0521264812 (BBC B disk); 0521264863 (BBC B cassette)

Extends the data handling abilities of Facfile assisting in the interpretation and understanding of collected information.

11-14

Pick a letter

See: Fun school for under 6s

Pick and choose

See: Blob 2

Pick-a-word

Wisbech, Cambridgeshire: esm

198-

BBC B; BBC B+; BBC Master 128; £16.00

Disk

English; Language; Puzzles; Problem solving; Infant school education; Primary education; Computer games

6 games introduce a vocabulary of nouns, adjectives, verbs and prepositions - each game shows a picture and sentence with a missing word. Visual and context clues help to find it. Contained in Early learner software box, Concept software box and Primary language software box.

BBC 5.25" disk

5-9

Picman : picture manipulation

Bennett, E.; Balls, T.; Squires, David

London: British Telecom Education Service

1987

Computers in the Curriculum

BBC B; BBC B+; BBC Master; RML 480Z; RM Nimbus £15.00

1 disk; 1 teachers' guide; 1 students' booklet; 1 running sheet

Physics; Electronics; Secondary education; Further education; Data processing

The program is based on the assumption that it is possible to change a television or video picture into a stream of numbers once it has been digitised. With the aid of a 'paint palette' function students can draw their own pictures as well

14-18

Picnic

See Adding and subtracting/pathfinder

PicStore

See: PaintSPA toolbox

Picture and number touch

Biggin, Dave

London: NCET/MESU

1986

Blue file

BBC B;

40t; s/s; DFS; 1 disk

Primary education; Special educational needs; Mathematics

'Picture' also held in: 'Blue file; 50'. 1 extra copy of materials held in: 'Blue file software. Vol 2'. BBC B; 40t; 1 disk; 1 documentation booklet; 9 A4 concept keyboard overlays; 9 A3 concept keyboard overlays. Available from North West SEMERC at £4.00. Freely copiable for educational use in the UK. 'Numbertouch' deals with one to one correspondence, counting and number recognition for numbers 1 to 5. A speech clip can be used with it. 'Picture' an early pre-number game for young children with severe learning difficulties. It gives practice in short term visual memory.

Picture book

Trott, Michael; Solanki, Navin

Studley, Warwickshire: LTS (Learning and Training Systems)

1984

BBC B; BBC Master; BBC Master Compact; RML 480Z; RML380Z; RM Nimbus; £16.95

3 disks; 2 booklets

English; Reading skills; Language; Infant school education; Primary education

Five programs to develop reading, sentence construction, and comprehension skills and spatial awareness. Allows children to create their own scenes and descriptions in which they have to construct grammatically correct sentences expressing positional relationships of components in the pictures.

Please specify format in which material is required.

(6-11)

Picture builder

Keeling, Roger

Birmingham: Newman Software

11989

Acorn Archimedes; A 3000; £20.00

11 disk; 1 documentation manual

Mathematics; Art; Design; Primary education; Computer graphics;

An introductory drawing package with emphasis

on mathematics and shape manipulation. BBC version available from NCET. For use with Concept keyboard

Version 1.06

7-12

Picture builder

See: Design : words and iamges

Picture builder

See: MAPE compendium

Picture building

See: Switch on; Switch on travel; Switch on actions

Picture cardbox : version 1

London: Business Simulations Limited

1990

Single-user; £900.00 Multi-user/networking; £1200.00 for first three users; extra users £150.00 each up to 9, then £120.00 each Electronic publishing version; £100.00

Disk

Databases

An interactive, free-text information storage and retrieval system for PCs, based on the metaphor of a card index. In addition to text indexed for fast retrieval using all the facilities of the text-based Cardbox-plus package, Picture cardbox records can contain one or more full-colour images which can be viewed on their own or as an integral part of the record. The package includes facilities for software compression of images captured in any standard file format, to optimise storage space usage. An electronic publishing module is also available for distribution of picture databases, complete with all the Picture cardbox selection and reporting facilities. Picture cardbox does not require any additional hardware or software other than a VGA standard screen.

PC DOS, MS DOS or compatible operating system; Networking DOS 3.1 or compatible; colour or monochrome VGA screen

Picture clues

Holst, T.

Gravesend: Fernleaf Educational Software Ltd

198-

Fearnleaf pairs

BBC B (disk or cassettes); c.£13.95

Disk or cassettes; documentation

Language; Primary education; Puzzles; Problem solving

Contents: Picture links; Grid Links. Designed for use with small groups of children

Picture craft (BBC version)

Smith, Peter; Hall, Godfrey

London: BBC Enterprises / Longman-Logotron

198-

BBC B; BBC B+; BBC Master 128; BBC Master Compact; £22.00

1 disk; 1 booklet

Art; Design; Primary education; Computer games; Puzzles; Special educational needs

0563212012 (BBC B/B+/M128); 0563229020 (Master Compact)

Educational Software PIC - PIC

A flexible suite of programs through which children can design shapes and patterns, colour them and turn them into puzzles and games.

RML version of this program is available from ILEA

5-10

Picture craft (RM Nimbus version)

Smith, Peter

London: ILECC (Inner London Educational Computing Centre)

1988

RM Nimbus stand alone; £20.00; RM Nimbus network; £40.00

1 disk; 1 booklet

Art; Design; Computer graphics; Primary education; Secondary education; Puzzles

070859929X

Through the programs children can design shapes and patterns, paint them and turn them into puzzles and games. This version contains all the features of the original pack - produced by BBC Publications - together with a number of additions.

Requires a 1 Mbyte machine for network operation and an optional printer (Epson or compatible)

6-14

Picture gallery suite

Bruce, A.

Glasgow: Scetlander

198-

BBC B; BBC B+; BBC Master 128; £15.00

3 disks (40t); 3 teachers' notes booklets

Reading skills; Preschool education; Infant school education; Primary education; Special educational needs; Computer graphics

1855720256

Contents: Matching (visual discrimination as a picture matching task); Odd man out (visual discrimination by picking out the odd picture); Memory (matching a picture after it has disappeared from the screen). Provides practice in visual perception and pre-reading skills. Various difficulty levels. Can be operated via keyboard, alternative keyboard, switch and concept keyboard

BBC 5.25" disk

3-7

Picture links

See: Picture clues

Picture maker

Doncaster: RESOURCE

198-

BBC B; BBC Master 128; £20.95

2 disks; 2 booklets

Art; Computer graphics; Infant school education; Primary education;

Contents: Picture maker and Picture maker plus - two art/graphics packages progressing from easy to more difficult tasks. Allows sophisticated techniques of moving, stretching and rotating images. LEA/Regional licences and bulk purchase discount available

BBC B/Master 5.25" 40t DFS; 80t DFS available - £1.50 surcharge per disk

6-12

Picture maker plus

See: Picture maker

Picture match

RCEVH (Research Centre for the Education of the Visually Handicapped)

Oldham: Northwest SEMERC

198-

BBC B; BBC B+; BBC Master 128; £7.00

Disk

Special educational needs; Life skills; Infant school education; Primary education

For young children, including the visually handicapped, with some sight or the less able, multi-handicapped. Develops matching, discrimination, grouping and sequencing abilities based on up to 9 simple picture or text elements. 16 exercises on disk, each of up to 10 tasks testing a particular skill; facility to create new exercises.

Input via BBC keyboard or Micrex box and switch or Concept keyboard or Touch screen or Cheyne scribbler or Micromike or analogue port switch.

5+

Picture matching

See: Switch on; Switch on travel; Switch on actions

Picture music

Bullivant, Alasdair

Doncaster: RESOURCE

1986 (June)

BBC B; BBC Master 128; BBC Master Compact; £14.50

1 disk; documentation; booklet

Music; Infant education; Primary education; Computer graphics

Provides an introduction to basic musical principles: musical phrases are associated with pictures and may be combined to make a musical train journey. The pictures can be converted into notation and printed, so that the music composed can be played on available instruments. LEA/Regional licences and bulk purchase discount available

BBC B/Master 5.25" 40t DFS disk; Master Compact 3.5" ADFS; Master 128 5.25" ADFS. 80t DFS disks available - surcharge of £1.50 per disk

4-11

Picture play

Allen, Richard

Manchester: NCET/MESU, North West SEMERC

1986

Blue file

BBC B;

1 disk

Special educational needs; Primary education

A program for matching and identification. It contains a large library of simple pictures of everyday objects such as a cup, a house and a bird. The pictures can be presented in large or small format, in different colour combinations, as outline shapes, or may be built up piece by piece by the child. When printed out, the pictures can be personalised with a line of text.

1 extra copy of this material is also held in: "Blue file software. Vol. 2". (BBC 40t; 2 disks; 1 documentation/resource booklet; 10 A3 concept keyboard overlays; 10 A4 concept keyboard overlays). (This version available from MESU, North West SEMERC at £6.50). (Freely copiable for educational use in the UK.)

40t; version 1.1; s/s; DFS

Picture play and some more pictures

Manchester: NCET/MESU, North West SEMERC

1987

BBC B; BBC B+; BBC Master;

1 disk

Special educational needs; Primary education; Cross curriculum

Additional hardware requirements: Concept keyboard, Cheshire keyboard or switches; Colour printer desirable. Contents: Picture play; Some more pictures. Picture play: a program for picture matching and identification. It contains a large library of simple pictures of everyday objects, such as a cup, a house and a bird. The pictures can be presented in large or small format, in different colour combinations, as outline shapes, or may be built up piece by piece by the child. When printed out, the pictures can be personalised with a line of text. Blue file programs.

40t; version 1.1

Pict-o-graph

Haslingden: Principal Distribution Ltd.

198-

Apple Macintosh; £145.00

Disk

Sciences; Information handling; Art; Design; Craft, design, technology; Computer assisted design; Computer graphics; Cross curriculum

Uses pictograms instead of bars, columns and pies. Includes ready-made library of images, and facility to create personalised icons. All data fully interchangeable with Cricket Graph. Provides full range of mathematical operations; facility to import data from other spreadsheets; word processors and databases and to export pictograms for use in other applications.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Pie charts

Harlow: Longman Micro Software

198-

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; £19.50 BBC Econet; SJ file server; AMCOM E-Net; £30.00

Disk

Mathematics; Secondary education; Computer graphics

Demonstrates pie chart manipulation to illustrate proportion, percentages and angle measurements.

BBC 40t, 5.25" DFS disk; BBC 80t, 5.25" disk

11-14

Pigeonhole

Newcastle Upon Tyne: Northern Micromedia

1990

BBC B; BBC Master; £13.00

Disk; support material; sample files

Spreadsheets; Mathematics; Sciences; Technology; Primary education

An introduction to spreadsheets, this program allows pupils to handle data in rows and columns and will print out results in barcharts and piecharts.

7+

Pin and thread

Chepstow: AVP Computing

BBC B; BBC B+; BBC Master 128; £19.50

Disk; Teachers' manual; student's manual

Mathematics; Art; Design; Primary education

A program for all ages which simulates the old pastime of making curves using straight lines of thread on wood or cardboard. Pictures can be printed.

Pinpoint

Higgins, John; Jones, Christopher

London: Wida Software Ltd

1988

BBC B; BBC B+; BBC Master; £29.95 each version MS DOS; £60.00 each version BBC Econet Level 2/3; £59.90 each version

Disks

Reading skills; English; Modern languages; French; German; Spanish; Italian; Primary education; Secondary education

A short text is chosen from a set entered by the teacher; the student, who is shown one word from it and six possible titles, asks to see more words (2 at a time) until s/he can deduce the correct title. Available in English; French; German; Spanish and Italian.

BBC 40/80t; programs convertible by user for Master Compact. MS/DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1MB memory & IBMulator.

8-15

Pinpoint : a juste titre

Higgins, John; Jones, Christopher

London: Wida Software Ltd

1989

Pinpoint MS DOS; £60.00

Disks

Reading skills; Modern languages; French; Primary education; Secondary education

A short text is chosen from a set entered by the teacher; the student, who is shown one word from it and six possible titles, asks to see more words (2 at a time) until s/he can deduce the correct title. Available also in English; German; Spanish and Italian.

MS/DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1MB memory & IBMulator.

8-15

Pinpoint : como se llama?

Higgins, John; Jones, Christopher

London: Wida Software Ltd

1989

Pinpoint MS DOS; £60.00

Disk

Reading skills; Modern languages; Spanish; Primary education; Secondary education

A short text is chosen from a set entered by the teacher; the student, who is shown one word from it and six possible titles, asks to see more words (2 at a time) until s/he can deduce the correct title. Available also in English; French; German and Italian.

MS/DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1MB memory & IBMulator

8-15

Pinpoint : lesetraining

Higgins, John; Jones, Christopher

London: Wida Software Ltd

198-

Pinpoint MS DOS; £60.00

Disk

Reading skills; Modern languages; German; Primary education; Secondary education

A short text is chosen from a set entered by the teacher; the student, who is shown one word from it and six possible titles, asks to see more words (2 at a time) until s/he can deduce the correct title. Available also in English; French; Spanish and Italian.

MS/DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1MB memory & IBMulator.

8-15

Pinpoint : parole e storie

Higgins, John; Jones, Christopher

London: Wida Software Ltd

198-

Pinpoint

MS DOS; £60.00

Disk

Reading skills; Modern languages; Italian; Primary education; Secondary education

A short text is chosen from a set entered by the teacher; the student, who is shown one word from it and six possible titles, asks to see more words (2 at a time) until s/he can deduce the correct title. Available also in English; French; Spanish and German.

MS/DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1MB memory & IBMulator

8-15

Pip goes to the moon

NEPCUG Group

Newcastle upon Tyne: Northern Micromedia

1986

BBC B; BBC Master; £11.50 BBC Master Compact; RM Nimbus (BBC Basic); Acorn Archimedes; A3000; £13.50

1 disk; 1 documentation leaflet; 50 activity sheets

Adventure simulation; Primary education; Infant school education; Cross curriculum; Language; Mathematics

An adventure, preferably operated by one child at a time, which allows the child to be taken through some simple decision-making exercises and to produce his/her own adventure record

booklet, with teacher support, using a printer if available

5+

Pip's island adventure

NEPCUG Group

Newcastle Upon Tyne: Northern Micromedia

198-

BBC B; BBC Master; £18.00 BBC Master Compact; £20.00

Disk; teacher's storybook; ideas book; activity sheets, etc.

Adventure simulation; Mathematics; Language; Puzzles; Problem solving; Infant school education; Primary education; Secondary education

Involves children travelling to a mysterious island to rescue Pip, overcoming hazards en route by solving simple mathematical and language problems, with decisions made recorded and printed out in a booklet.

6+

Pipistrelle

Coventry: NCET/MESU

1988

BBC B; BBC Master; £11.50

Disk; teachers' notes booklet; 10 activity sheets; 7 factsheets

Primary education; Simulation; Sciences; Biology; Environmental education

1853790192

A simulation program allowing children to explore the life of bats, echolocation, navigation skills and hunting methods. Licensing agreements/bulk purchase orders: details from publishers

40t disk

9-11

Pirate

Spalding: Chalksoft Ltd

198-

BBC B; BBC B+; BBC Master; £15.00 BBC Master Compact; £17.00

Disk; 40t; 80t; 3.5"; copy sheets

History; Adventure simulation; Primary education; Secondary education; Puzzles; Problem solving

1851160159

An adventure set in the days of the Pirates. In Part 1 children become the pirate captain, coping with problems in an uncharted ocean. In Part 2 the captain reaches an unknown island, exploring it to find a kidnapped king. A basis for topic work on pirates or ships.

3.5"; please state whether 40-track or 80-track disks are required.

8-14

Pirate's treasure

Glasgow: Collins Educational; Holmes McDougall Educational Publishing

198-

Adventures in English

BBC; £29.50

Disk; documentation; spiritmaster worksheets English; Reading skills; Spelling; Art; Craft,

design, technology; Cross curriculum; Primary education; Computer games

0715724118

Directly related to the English Alive programme. Develops listening, speaking, reference and comprehension skills, improving word recognition and spelling. Features the popular theme of buried treasure. Includes separate cloze procedure program

8-11

Pirates

ITMA

Harlow: Longman Micro Software

198-

BBC B; BBC B+; BBC Master 128; £19.50 BBC Econet; SJ file server; AMCOM E-Net; RM Nimbus/Network; £30.00

Disk

Mathematics; Computer games; Primary education; Secondary education; Sixth form education; Further education

A 2/3D grid treasure hunt, with clues involving compass directions; simple getting warmer/colder messages; bearing/elevation responses; vector/distance clues.

BBC 40t, 5.25" DFS disk; BBC 80t, 5.25" disk; Nimbus/Network 3.5" disk

8-18

Pirates

See: Micros in schools P(541) educational software

Pirates

See: Micros in the mathematics classroom 2nd edition

Pistol

Chepstow: AVP Computing

198-

German programs with Willi Wunderbar

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £19.50 BBC Master Compact; £21.70 Acorn Archimedes; RM Nimbus; Amiga; £24.50 RM Nimbus Network; (up to 16 machines) £45.00; (up to 48 machines) £65.00 Econet; £58.50

Disk

German; Modern languages; Secondary education; Computer games; General Certificate of Secondary Education

Presents multi-choice or type-in answer questions in shooting gallery game format. 20 sets of questions on German word order are held on data files. Includes facility for user to write extra sets of questions.

Only specify 80t if you cannot use 40t disks.

13-16

Pitman typing : keyboard skills

London: Pitman Publishing

1984

BBC B; BBC B+; BBC Master; Commodore PET; £15.61

1 disk; or cassette (£11.26)

Business education; Life skills; Secondary education; Further education; Adult education 0273022695 (BBC disks); 0273022709 (BBC

cassettes); 0273022717 (Commodore disk); 0273022768 (Commodore cassette)

This versatile keyboard course is designed for quick learning. Two types of exercises are followed by practice where speed and percentage of accuracy are shown

14-Adults

Pixel perfect

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128 (DFS or ADFS); Electron (BBC DFS or ADFS); Master Compact; (disk) £49.50; (ROM); £44.50 Acorn Archimedes; £79.50

Disk or ROM

Desktop publishing; Secondary education; Sixth form education; Further education; Computer graphics

An easy to use, powerful, flexible desktop publishing page maker, incorporating high quality typefaces and facilities to create others, plus icons, diagrams and other graphics. Allows the graphics information to be manipulated with ease

Only specify 80t if you cannot use 40t disks

13+

PixelPaint 2.0

London: Computers Unlimited

198-

Apple Macintosh; £299.95

Disk

Art; Design; Craft, design, technology; Computer assisted design; Computer graphics

Includes full range of painting and drawing tools; PixelScan utility which works with Sharp JX-450 or Howtek Scanmaster colour scanners; Pantone colour picker; dithering control; built-in colour separator; global search and replace facility. Can read and write to TIFF; EPSE; PICT; PICT2 and MacPaint files.

Requires 2Mb of RAM and a hard disk.

Place names

See: Census and Place names

Placenames

London: ITV Schools

1987

BBC B; BBC B+; BBC Master 128; £2.45 RM Nimbus; £4.45

1 disk; 1 documentation booklet

Primary education; Secondary education; Information handling

Datafile for use with Key. Suggested as a sample datafile for those purchasing Key for the first time. Contains 712 placenames from across the UK with information on their origins.

BBC, 5.25" DFS; Converts for Key 128 or Key Econet

8-18+

Places and people : cities file

ESRC Data Archive; GSN Software

Ashton-under-Lyne: Granada Educational Software

198-

BBC B; BBC Master 128; £12.30 RM Nimbus; £14.75

Disk; fact sheets

Geography; Statistics; Sociology; Sixth form education; Further education; Databases; Computer graphics

A KEY data file containing 32 fields of 1981 census data for eight major British cities, ranging from raw population statistics to socio-economic indicators. Using the KEY package, bar graphs, pie charts and statistical comparisons can be made. Also available - Activity Book (£9.50)

Disk (40t). For use in conjunction with KEY data handling package.

8-16+

Plague

Short, David; Wild, Martin

Hatfield: Advisory Unit

1986

Quest curriculum packs

BBC B; BBC B+; BBC Master 128; BBC Master Compact; Econet; RML 480Z; RM Nimbus; £20.00

2 disks; 2 booklets; 2 maps; 1 worksheet

History; Databases; Information handling; Primary education; Secondary education

0 946039 41 0

A history investigation pack based on using Quest with 17th century burial registers. The pack enables teachers and children to investigate the effects of the most virulent outbreak of a frightening disease. Includes Quest datafiles, two booklets, contemporary maps, illustrations and student guidelines for investigative study.

Please specify machine version required.

7+

Plane

See: Basic package

Planet lander

See: Megamix

Planetary motion

See: Middle secondary physics pack

Planetoid

See: Acornsoft hits 1

Planets

See: Making connections

Plant biology

Garland, John M.

Plymouth: Garland Computing

1984

BBC B; BBC B+; BBC Master 128; £35.30 RM Nimbus; Acorn Archimedes; £38.00 RM Nimbus network; £55.65 Econet; £52.95

Disk

Biology; Secondary education; Sixth form education; Further education; Computer graphics; Simulation

Contents: Seed germination (a simulated experiment to determine the effect of environmental factors on seed germination and development); Photosynthesis (a simulated experiment to determine the effects of light, carbon dioxide and temperature on the rate of photosynthesis); Transpiration (a simulation of the effects of humidity; wind-speed; temperature and light intensity on transpiration). BBC versions of programs available separately. Site licences, multiple copy discounts available; details from publisher

BBC 40 or 80t (please specify). RM Nimbus versions supplied with BBC- BASIC

16+

Plant competition

London: King's College, Chelsea

198-

Apple Macintosh II, IIc, IIfx; Acorn Archimedes (transfers under consideration); BBC B; BBC B+; BBC Master 128; RML 380Z; RML 480Z; RM Nimbus; IBM PC

1 disk; 1 booklet

Biology; Botany; Secondary education; Sixth form education; Further education; Simulation

This simulation aims to study both inter and intraspecific competition between barley, oats and peas during the second and third months of their development. The results of the simulated experiments can be compared with real experimental data.

14-19

Plant ecology field study techniques

Hall, Graham

Dolgellau: Science Education Software

198-

BBC B; BBC Master 128; Econet; £18.95 + VAT RN Nimbus; Acorn Archimedes; £19.95 + VAT RM Nimbus Network; £34.95 + VAT

1 disk; 1 documentation booklet

Biology; Geography; Sciences; A level examinations; General Certificate of Secondary Education; Secondary education; Sixth form education; Computer graphics; Data processing; Databases

Contents: Sample (determines optimum size and number of sampling quadrats needed to survey a given area of vegetation); Record (stores plant quadrat records); Wood (draws vegetation along a transect line); Kite (uses kite diagrams to display variations in the cover value for plant species along a transect line); Map (plots proportionally shaded maps showing the distribution of species within a series of sampling quadrats).

BBC 40t, 5.25" disk; BBC 80t, 5.25" disk; RM Nimbus, Acorn Archimedes, 3.5" disk

14-18

Plant or animal

See: General science 1

Plant succession

St. Just: MJP (Michael Jay Publications)

198-

BBC B; BBC B+; BBC Master; £14.95 RML Nimbus; details from publishers

Disk; user manual

Geography; Biology; General Certificate of Secondary Education; A Level Examinations;

Secondary education; Sixth form education; Simulation

Examines how a heathland plant community is established, by simulating the spread and colonisation of species. Allows relative proportions of species to be user controlled.

BBC 40t disk unless otherwise requested
12-16+

Plate processes

See: Plate tectonics

Plate tectonics

Dolgellau: Science Education Software
198-

BBC B; BBC Master 128; Econet; £21.50 + VAT
RM Nimbus; Acorn Archimedes; £22.50 + VAT
RM Nimbus Network; £37.50 + VAT

Disk

Geography; Secondary education; General Certificate of Secondary Education; Computer graphics; Simulation

An introduction to plate tectonics for GCSE students. Contents: Continental drift and sea floor spreading; Plate processes; World distribution of plates.

BBC 40t, 5.25" disk; BBC 80t, 5.25" disk; RM Nimbus; Acorn Archimedes, 3.5" disk
14-16

Play

See: Choices

Play and read new game

Chester: PRISMA Software
198-

Play and read first version

BBC B; BBC Master; £25.00

Disk; documentation

Reading skills; Spelling; Creative writing; Computer games; Special educational needs; Infant school education; Primary education;

Available while stocks last - does not include teacher handbook; 12 day lesson plan or enhanced graphics.

5+

Play and read new shoes

Chester: PRISMA Software
198-

Play and read first version

BBC B; BBC Master; £25.00

Disk; documentation

Reading skills; Spelling; Creative writing; Computer games; Special educational needs; Infant school education; Primary education;

Available while stocks last - does not include teacher handbook; 12

5+

Play and read plus starter pack

Chester: PRISMA Software
198-

BBC B; BBC Master; £71.80 BBC Master

Compact; RM Nimbus; £83.80 IBM PC and compatibles; details from publishers

Disk; documentation (5 illustrated reading books; word cards; instruction book; teacher handbook); audio cassette

Reading skills; Spelling; Creative writing; Computer games; Special educational needs; Infant school education; Primary education;

Contents: New game; Looking at words 1; Words and sentences 1; Word hunt 1. Each program teaches a sight vocabulary of 54 words. Programs available separately. Helps with learning or reading difficulties, through a simple to use computer game. Includes language experience section in the form of a spoken story which precedes the game.

5+

Play it again, Sam

Cambridge: Acornsoft

BBC B; B+; 128K B+; Master 128; Master Compact (40/80t); £11.95 BBC B; B+; 128K B+; Master 128; Master Compact (3.5"); £14.95

Disk; booklet

Puzzles; Problem solving; Computer graphics; Computer games; Primary education; Secondary education

Contents: Citadel (User's mission is to destroy Marduk the dictator's teleport before he can transport an alien invasion from the planet Codor to earth); Stryker's run (user in the role of Commander Stryker has to take top-secret information concerning the Volgans' next offensive to the Allied Forces HQ); Ravenskull (user tries to save the village of Austburg from destruction by the zombies who inhabit the swamp surrounding the castle); Thrust (user has to visit 24 planets collecting pods and destroying each planet's reactor system).

40/80t disk; 3.5" disk

5+

Playground

Northampton: Northamptonshire Computer Education Centre

198-

RM Nimbus; £10.00

Disk; documentation

Puzzles; Problem solving; Language; Infant school education

Pre-logo type activities involving children creating the right sequence of actions for Freddy to use the swing, roundabout, slide, climbing frame and bouncing chicken. Involves logical thinking, and use of language such as up, down, left, right and how many.

Mouse driven

5-7

Playing with places : numeracy 3

Hewitt, Iris

Wisbech, Cambridgeshire: esm

198-

Shiva numeracy and logic programme

BBC B; BBC B+; BBC Master 128; £18.50

Disk; teacher's handbook

Mathematics; Puzzles; Problem solving; Primary education; Computer games

Deals with the concepts of place value base 10; addition and subtraction 1-20 and four-one correspondence. Contained in Shiva Numeracy and Logic programme and in Shiva Numeracy programme

BBC 5.25" disk

5-11

Playpark

1855720302 1855720310

See: Pathway to bearings : Suite A

Plod

See: Teaching with a micro : maths 1

Plot shot

See: Graph Capers : junior pack

Plotmate Logo utility

Linear Graphics Personnel

Newtown: Linear Graphics Ltd

198-

BBC B; BBC B+; BBC Master; £10.00 Acorn Archimedes; £25.00 RM Nimbus; £25.00

Disk

Utilities

Allows logo to be output to the Plotmate graphics plotter, enabling output of a much higher standard than can be achieved by a floor turtle

For use with Logotron logo. Please specify software file format and type of Plotmate plotter
7+

Plotmate welcome pack

Linear Graphics Personnel

Newtown: Linear Graphics Ltd

1985

BBC B; BBC B+; BBC Master; £16.20 Acorn Archimedes; £32.00

1 disk; 1 user guide; parallel centronics connection lead

Art; Design; Computer graphics; Craft, design, technology; Geography; Utilities

The software includes a data presentation package, outputting data in the form of pie and bar charts; a simple label designer using the PLOTmate character set; a 3D wireframe program allowing user to view and edit from 4 angles the perspective of the object being created; a program to configure the disk to suit the interface and a coastline map of Great Britain

Please specify software file format and type of Plotmate plotter

7+

Plotter

Behrend, M.C.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1986

BBC B; £6.00

Disk; Documentation

Mathematics; Secondary education; Computer graphics

A powerful program for plotting graphs of functions. Will plot in any graphics mode, including mode 0. Features include: polar plot; parametric plot; family plot; search for roots; turning points and intersections; integration by Simpson's rule; derivative plotting.

Plotter

See: Graph Capers senior pack

Pneumatics

See: Technology and design : part 1

Podd

Walton, Don

Wisbech, Cambs.: esm

1985

Infant software box; Best four language

BBC B; BBC B+; BBC Master 128; £17.50

Disk

Spelling; Reading skills; English; Language; Primary education;

Challenges children to discover the words describing Podd's 116 actions. Stimulates imagination; encourages group work, discussion and dictionary work. Concept keyboard version also available. Contained in Best four language and in Infant software box

BBC 5.25" disk

5-11

Podd for Concept Keyboard

Wisbech, Cambridgeshire: esm

198-

BBC B; BBC B+; BBC Master 128; £23.50

Disk

Language; Spelling; Preschool education; Infant school education; Primary education; Special educational needs

Concept keyboard version for less able and young children. Stimulates imagination, develops language as his 116 actions are discovered. Older children key in actions; younger children, poor spellers and the physically handicapped select words from overlays or switch response.

BBC 5.25" disk; Concept keyboard

3-11

Point

BECC (Birmingham Educational Computing Centre)

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

198-

Birmingham picture programs

RM Nimbus; £10.00

Disk

Art; Primary education; Special educational needs; Computer graphics

Create pictures from a number of predefined shapes.

Mouse essential

Police

ITMA

Harlow: Longman Micro Software

198-

BBC B; BBC B+; BBC Master 128; £19.50 BBC Econet levels 2 & £; SJ file server; AMCOM E-Net; £30.00

Disk

Computer studies; Databases; Secondary education

A package designed for use with computer awareness, computer studies and general studies courses, which allows the investigation of

applications and social impact of computers, based on a police records system.

BBC 40t, 5.25" DFS disk, BBC 80t 5.25" disk 11-14

Police : language in evidence

Whittington, Ian

Huntingdon: Cambridgeshire Software House

1985

BBC B; BBC B+; BBC Master 128; BBC Master Compact; RM Nimbus; £28.00 Site Licence £45.00

1 disk; 1 audio cassette; street maps; photofit pictures; colour posters

Language; English; Life skills; Careers; Information handling; Databases; General Certificate of Secondary Education; Content free programs; Primary education

The program is based on the Control Centre of a Police Force and comes with street maps, an audio cassette of eye witness statements, a database of incidents. There is a facility to write own databases as well.

8-16

Polly

See: Basic package

Polygon

Straker, Anita

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1982

BBC B; £4.00

Disk

Mathematics; Primary education

Investigates the relationship between number of sides and number of diagonals of a polygon. Also contained in: Primaths5.

Polygon

See: Games, activities and investigations volume 1

Polygon

See: Mathematical investigations in the primary classroom

Polyominoes project pack

Fox, Bob

Peterborough: Topologika

1987

BBC B; BBC Master 128; BBC Master Compact; £21.85 RM Nimbus; Acorn Archimedes/A3000 : in preparation

Disk; teacher's guide; pupils' workbook

Mathematics; Primary education; Secondary education; General Certificate in Secondary Education

Designed to promote mathematical investigations into the properties of polyominoes. Contents: Tessellator (open-ended program exploring properties of polyominoes); Pentominoes (displays/investigates all 12 possible pentominoes); Hexmaker (enables student to test ideas for hexominoes, with the computer checking them); Carousel (allows the

creation of "side shows" of designs and solutions).

Facility to print to Epson compatible printer. Acorn Archimedes/A3000 versions offer full mouse control

8-15+

Pond

Allen, Derek

Doncaster: RESOURCE

198-

BBC B; BBC Master 128; BBC Master Compact; £17.50

Disk; documentation

Mathematics; Preschool education; Infant school education; Primary education; Computer games

A series of simple counting games, to develop skills in grouping, matching and counting. LEA Regional licences and bulk purchase discount available

BBC B/Master 5.25" 40t DFS; Master 128 5.25" ADFS; Compact 3.5" ADFS. 80t DFS available. £1.50 surcharge per disk

5-8

Pond dipping

See: MAPE tape 4 (on disk; BBC version)

Pond ecology

See: Ecology pack

Pondlife

London: ITV Schools

198-

BBC B; BBC B+; BBC Master 128; £16.00 RM Nimbus; £18.00

Disk

Environmental education; Biology; Sciences; Primary education; Simulation; Computer graphics; Databases

Software to aid the study of pond and stream life, comprising a simple identification key using words and pictures, and a modelling section which shows the effect of natural of man-made changes on aquatic communities. An activity pack including worksheets and a detailed teachers' guide is available separately, price £5.30. Associated ITV Schools programmes: Environments; A place to live.

BBC 5.25", DFS

8+

Popular crosswords

Frome: Great Elm Services

198-

BBC; Acorn Electron; £7.50

Disk

Language; Spelling; Puzzles; Problem solving; Special educational needs; Computer games;

Contains 20 puzzles. Series of disks available. Partly completed puzzles can be saved. Records players' names and the puzzles they have done.

5.25" 40t or 80t disk. Requires only single finger operation on BBC machines

7+

Population change

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £19.50 BBC Master Compact; £21.70 Acorn Archimedes; RM Nimbus; Amiga; IBM PC and compatibles; £24.50 RM Nimbus network; (up to 16 machines) £45.00; (up to 48 machines) £65.00

Disk

Biology; Secondary education; Sixth form education; Further education

Allows user to input birth and death rate data, graphing the effects of these over a 100 year period. Also covers effects of migration; and testing of the demographic transition model.

Only specify 80t if you cannot use 40t disks.

11-18

Population dynamics

Rosewell, J.P.

Plymouth: Garland Computing; British Ecological Society

1986

BBC B; BBC B+; BBC Master 128; £17.65 RM Nimbus; Acorn Archimedes; £20.00 Nimbus network; £37.65 Econet; £33.30

Disk

Ecology; Computer graphics; Secondary education; Sixth form education; Further education

Encourages familiarity with dynamic behaviour of 5 different models by altering parameter values, with results displayed graphically, using 2 complementary displays to highlight particular features of the models. Covers single species populations with discrete generations and fixed or variable density dependence; two species competition models with discrete generations and variable density dependence or modelled by differential equations; host-parasitoid system with discrete generations. Site licences, multiple copy discounts available; details from publisher

BBC 40 or 80t (please specify). RM Nimbus versions supplied with BBC- BASIC.

12-16+

Population dynamics unit

London: King's College, Chelsea

198-

Apple II, IIc, IIe; Acorn Archimedes (transfers under consideration); BBC B; BBC B+; BBC Master 128; RML 380Z; RML 480Z; RM Nimbus; IMB PC

1 disk; 1 booklet

Biology; Ecology; Secondary education; Sixth form education; Further education; Simulation

The program aims to study population growth curves of either different species competing for limited resources or single species growing in isolation. Factors such as population size, number of offsprings can be investigated.

14-19

Population genetics

Duncan, Keith

Plymouth: Garland Computing

1984

Genetics : collection 1

BBC B; BBC B+; BBC Master 128; £13.85 Econet; £31.50

Disk

Genetics; Secondary education; Sixth form education; Further education; Computer graphics; Simulation

A simulation based on the Hardy-Weinberg Law; can be used to demonstrate and simulate the stability of gene pools and gene frequencies in populations breeding at random; genetic drift; and the effect of selection. Contained in Genetics : collection 1. Site licences, multiple copy discounts available; details from publisher

BBC 40 or 80t (please specify)

16+

Population pack

Harlow: Longman Micro Software

198-

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; Acorn Archimedes; £32.50 Econet levels 2 & 3; SJ file server; AMCOM E-net; RM Nimbus/Network; £45.00

Disks; 1 teachers' guides; students' leaflets

Geography; Economics; Sociology; Secondary education; Sixth form education; Further education; Content free programs; Information handling; Databases

0582270944

Contents: Human population growth (Demog 1 - uses statistics for percentage growth, birth and death rates to show changes to initial population; Demog 2 - uses age/sex statistics to generate population pyramids); Malthus (enables study of the problems of population growth using a Malthusian computer model of the world population, food and energy supplies)

BBC 40t, 5.25" DFS; BBC 80t, 5.25"; Nimbus/Network 3.5"; Archimedes compatible 3.5" disk

15-18

Population pyramids

St. Just: MJP (Michael Jay Publications)

198-

BBC B; BBC B+; BBC Master; £14.95 RML Nimbus; details from publishers

Disk

Geography; Computer graphics

Includes 24 age-sex graphs; easy to use procedure for creating files. Facility for overlays and print-outs.

BBC 40t disk unless otherwise requested.

Population sampling

Rosewell, J.P.

Plymouth: Garland Computing; British Ecological Society

1986

BBC B; BBC B+; BBC Master 128; £17.65 Acorn Archimedes; £20.00 Econet; £35.30

Disk

Ecology; Simulation; Secondary education

A simulation of sampling populations using quadrats; allows user to discover interactions of different quadrat sizes, shapes, number and sampling pattern on estimates of mean and variance with different underlying statistical distribution and densities. Includes screen dump for Epson compatible printers. Site licences, multiple copy discounts available; details from publisher

BBC 40 or 80t (please specify)

12-15

Populations

See: Science in process : pack 2

Populous

Langley, Nr. Slough: Electronic Arts Ltd; Bullfrog

198-

Amiga; Atari ST; PC; £24.99

Disk

Computer games; Puzzles; Problem solving

Two warrior nations attempt to populate, claim new lands, evolve new technologies, as they progress through hundreds of different worlds based on varying terrains, from Arctic wastes to scorching desert.

Pose-moi une question

Martin, F.S.

Chepstow: AVP Computing

1988

BBC B; BBC B+; BBC Master 128; £24.50

1 disk; 1 user's manual; 1 keyboard overlay; 1 questionnaire

French; Modern languages; Secondary education; Sixth form education; Further education; Simulation

Provides practice in asking personal questions in French in simulated conversations with 6 different native speakers. Approximately 50 pieces of information can be obtained in each conversation; the teacher can program in different answers.

Only specify 80t if you cannot use 40t disks

13+

Post bear

See: Teddy bears' picnic

Poster

4Mation Educational Resources

Barnstaple: 4Mation Educational Resources

1990

1-04

Acorn Archimedes; £89.00 (Includes site licence)

3 Disks

Art; Design; Special educational needs

Designed for the creation of posters, notices, etc. Includes tools such as borders and fancy text; 15 new outline fonts; selection of clip-art. Compatible with other RISC OS software. Provides for printing of giant posters; importing of Drawfiles, text and sprites; flowing of text along any arbitrary drawn path; easy border/frame creation; uniform scaling; quick-key editing, etc.

7-Adult

Postman

See: Robot / Trains / Routes / Postman

Potometer, Area volume ratio, and Gradient

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £19.50 IBM

PC and compatibles; RM Nimbus; £24.50 RM Nimbus network; (up to 16 machines) £45.00; (up to 48 machines) £65.00 Econet; £58.50

Disk

Biology; Secondary education; Simulation; General Certificate of Secondary Education

Potometer: simulation of experiment to measure transpiration rates. Surface area to volume ratio: the different rates of different types of organism. Gradient: a demonstration of the gradient concept.

Only specify 80t if you cannot use 40t disks.

14-16

Poverty and income in Britain

Gilbert, Nigel; Arber, Sara; Dale, Angela et al.

Harlow: Longman Micro Software

1985

General household survey series

BBC B; BBC B+; BBC Master 128; £45.00

Disk; teachers' book; students' book

Economics; Sociology; Politics; Secondary education; Sixth form education; Further education

0582268559 (Software); 0582262011 (teachers' book); 0582262003 (students' book)

Contains 29 variables to allow examination of income and how families live in Britain - the characteristics of the poor; disadvantaged groups; poverty and the State; the differences between the poorest and richest groups

BBC 40t, 5.25" DFS disk

14-18

Power cycle

See: Megamix

PowerDraw

Thornaby-on-Tees: SET Square Drawing Office Company Ltd.

198-

Apple Macintosh; £595.00 (details of education discounts from publishers)

Disk

Computer assisted design; Design; Craft, design, technology; Engineering; Utilities

A CAD drafting system, with built-in plotting and printing features. Allows user to create up to 120 layers; features include auto-dimensioning feature with or without extension lines in 3D styles; ability to draw circles by circumference through 3 points, diameter or radius; arc definition by three specified points or radius; continuous autoscroll; interactive rotate; kill redraw; multiple scales; fillets, chamfer, trim; 9 line systems; 8 line widths; two polygon tools. Can read MacDraw files directly as well as PICT files created in other packages.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Powerdrome

Langley, Nr. Slough: Electronic Arts Ltd

198-

Amiga; Atari ST; £24.99

Disk

Comuter games; Simulation; Computer graphics

A futuristic racing simulation on 7 challenging

tracks on 5 different planets, each with different atmospheric conditions.

Powergraph

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £24.50 BBC Master Compact; £24.50 RM Nimbus network; (up to 16 machines) £45.00; (up to 48 machines) £65.00

Disk

Chemistry; Secondary education; Sixth form education; Further education; General Certificate of Education; A Level examinations; Utilities

A powerful, versatile menu-driven utility for the plotting of experimental points - straight line/smooth curves. Printed copies may be obtained using dot matrix printer.

Only specify 80t if you cannot use 40t disks.

14+

Powerkey

Baines, John

Newcastle upon Tyne: Unusual Software

198-

BBC B; BBC B+; BBC Master 128; £32.00 Econet, site licenced; £40.00

1 disk (80t); manual

Language; English; Spelling; Primary education; Secondary education; Special educational needs; Adult education

The program is designed to those who can work only slowly at a keyboard being able to press one key at a time. It enables every character on a keyboard to produce long 'strings' in a way which does not interfere with its normal function. Strings are obtained by pressing two keys in sequence, there is no need to press two keys at the same time. The contents of the strings can vary from simple text to complex file handling or operating system commands, Basic or Assembler codes

Specially selected public domain software can be supplied which will enable error free communications from IMB PC to CRAY-1

7-Adult

Practical experiments

Bate, Mike

Longbridge Deverill, Warminster: Soft Teach Educational

1987

PhysiCATsoft programs

BBC B; BBC B+; BBC Master 128; £10.00 Acorn Archimedes; £12.50 Network; £20.00

Disk; manual; circuit diagrams for the hardware

Sciences; Physics; Computer graphics; Secondary education; Sixth form education 0948808454

Contents: 'g' by free fall - allows students to take measurements which allow the program to calculate and record real experimental values for the acceleration due to the pull of gravity; C-R Charge/Discharge - a series connected RC circuit interface via the analogue port plots the capacitor p.d./time curve during charging and discharging. Bulk purchase discount available

BBC 5.25" disk; Archimedes 3.5" disk. Hardware is required for 'g' by free fall and C-R Charge/Discharge (circuit diagrams are included to make it); they are available either ready

assembled or components only from the publisher

11-18

Practical hardware projects

Telford, Joe

London: Capital Media

198-

BBC B; £5.50

Disk; book "Practical hardware projects for the BBC micro"

Control technology; Electronics; Secondary education

An ideal introduction to wiring up a BBC Micro to control motors, lights and other devices.

BBC 40t s/s, s/d disk

11+

Practical meteorology 1 : large scale weather patterns

Hall, Graham

Dolgellau: Science Education Software

198-

BBC B; BBC Master 128; Econet; £20.95 + VAT (if purchased with Part 2, £38.00 + VAT) RM Nimbus; Acorn Archimedes; £21.95 + VAT (if purchased with Part 2, £40.00 + VAT) RM Nimbus Network; £35.95 + VAT (if purchased with Part 2, £55.00 + VAT)

2 disks; 1 documentation booklet

Geography; Secondary education; Data processing; Computer graphics

Contents: Monthly weather records; Weather map plotting.

BBC 40t, 5.25" disk; BBC 80t, 5.25" disk; RM Nimbus, Acorn Archimedes, 3.5" disk

Practical meteorology 2 : small scale weather patterns

Hall, Graham

Dolgellau: Science Education Software

198-

BBC B; BBC Master 128; Econet; £20.95 + VAT (if purchased with Part 1, £38.00 + VAT) RM Nimbus; Acorn Archimedes; £21.95 + VAT (if purchased with Part 1, £21.95 + VAT) RM Nimbus Network; £36.95 + VAT (if purchased with Part 1, £55.00 + VAT)

1 disk; 1 documentation booklet

Geography; Secondary education; Data processing; Computer graphics

Contents: Investigating cloud formation; Diurnal temperature analysis; Intensive weather monitoring; Environmental factors controlling microclimate.

BBC 40t, 5.25" disk; BBC 80t, 5.25" disk; RM Nimbus, Acorn Archimedes, 3.5" disk

Precipitation

See: River studies

Predator-prey

See: WSS biology pack 3

Predator-prey relationships

See: Ecology pack

Predicting journey patterns

See: Urban geography pack

Predictype

Marsden, Paul

Glasgow: Scetlander

Literacy and language

BBC B; BBC B+; BBC Master 128; £35.00

Language; Word processing; Creative writing

1485572099X

A program that offers words to the user by making predictions based on the first letter(s) entered. It helps speed the rate of text creation and its accuracy. The program learns with its users so that personalised dictionaries/disks may be created for each. Word processors supported are Wordwise, Wordwise Plus, View and Writer

PreFit, hydroLink and fullPlot

Newport: Island Marine Technology

1998-

Apple Macintosh; £147.00

EDisk

Computer assisted design; Design; Craft, design, technology; Engineering; Utilities

A range of design modules, contained in Macsurf. PreFit (for input of existing designs); FullPlot (for multi-sheet output of designs at up to full size); HydroLink (offset file link to third party software, including a variety of hydrostatics programs).

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Prehistoric animals

Norwich: ITV Schools

1990

Animals in action datafiles; Key datafiles

BBC B; BBC B+; BBC Master 128; £17.25 RM Nimbus; £18.40 Acorn Archimedes; details to be announced

1 disk; User's notes; Information sheets; Worksheets

Environmental education; Biology; Sciences; Primary education; Secondary education; Information handling

Datafile for use with Key. Gives information such as size, body structure, habitat, localities, feeding behaviour etc. on over 500 prehistoric animals. Wherever possible there is also information on breathing and reproduction. Present day species in the order are also indicated.

BBC, 5.25" DFS; Converts for Key 128 or Key Econet

8+18+

Preparation sequence

See: Organic chemistry. 1: Aliphatic reactions

Preparation sequence

See: Organic chemistry. 2: Aromatic reactions

Presidential elections

Brighton: Spartacus Educational Software

1986

Books and software for GCSE

BBC; £13.00 (15% discount if cheque enclosed with order)

Disk; documentation

History; Secondary education; General Certificate of Secondary Education; Simulation

The student plays the role of the Democratic candidate in four US Presidential Elections. Starting in 1932, the student studies unemployment figures; price index; government spending; import and export details, to decide on his/her manifesto for the election. If victorious, the student runs the government for 4 years, standing for re-election in 1936, running not only on the President's future plans but on his/her first-term record. Facility for student to compare his/her record with that of President Roosevelt.

11-16

Press and go

Bath Institute of Medical Engineering

Backwell, Bristol: Arrowsoft Educational Software

198-

BBC B; BBC B+; BBC Master; £13.50

Disk

Life skills; Infant school education; Primary education; Special educational needs; Computer graphics

5 programs using a single response on the keyboard or an external switch, progressing from very simple stimulus programs to those teaching an element of timing: the programs are called - Random; Music; Picture; Events; Skwile

Switch compatible

3-7

Press and go system

Bath Institute of Medical Engineering

Backwell, Bristol: Arrowsoft Educational Software

198-

BBC B; BBC B+; BBC Master; £22.50

Disk; interface box and lead; simple switch

Life skills; Infant school education; Primary education; Special educational needs; Computer graphics

Contents: the 5 Press and go programs using a single response on the keyboard or an external switch, progressing from very simple stimulus programs to those teaching an element of timing (Random; Music; Picture; Events; Skwile); an interface box and lead; a simple switch. Useful for children of a lower mental age and severely handicapped children and adults.

Uses switch (supplied)

2+

Press on with turtles

Newcastle Upon Tyne: Northern Micromedia

1990

BBC B; BBC Master; £18.00

Disk; concept keyboard overlays; turtle templates; support material

Primary education

Resources enable younger pupils to explore LOGO with a concept keyboard and valiant turtle

6+

Pressure mat programs

Phillips, Pamela

Nottingham: Panthera

1989

BBC B; BBC B+; BBC Master 128; RM Nimbus; £24.00 (standard); £27.00 (dual purpose mat pack)

1 disk; 2 large pressure mats (700mm by 560mm); notes

Mathematics; Control technology; Infant school education; Primary education; Special educational needs

Two pressure mats are connected to the computer and can be used for number work, control technology or as switches. Contents: Stepper; Jumper; Sounds; Mirror; Cycles

Nimbus users will need a 'Piconet parallel module' available from Research Machines. Dual purpose pack can be used in control technology or as switches for special needs and will require mono jack plugs rather than the D-type plugs. Please indicate whether the jack plugs should be 2.5mm, 3.5mm or 1/4 inch

5+

Pretty

See: Basic package

Pre-reading

Trott, Michael; Duffy, Myra; Solanki, Navin; et al

Wisbech, Cambridgeshire: esm

1983

BBC B; BBC B+; BBC Master 128; £19.95

40t; 1 disk; 1 booklet

Reading skills; Spelling; Language; Infant school education; Primary education; Preschool education

5 programs to develop skills in visual discrimination and matching. Graded exercises offer choice of pictures, symbols, words or letters. Skill levels time delays and operation selection can be controlled through BBC or concept keyboard. Available as part of Pre-reading and early reading pack

BBC 5.25"; 40t disk. Can use Concept keyboard 4-6

Pre-reading : disk 1

Northampton: Nordis Software

1988

Pre-reading

BBC B; BBC B+; BBC Master; Master Compact; £11.00 RM Nimbus; £12.90 Qwerty keyboard version only

Disks; user manual

Reading skills; Computer graphics; Special educational needs; Computer games

Designed to teach simple matching of colours and shapes and identifying differences in shapes and pictures. Includes progress monitor. Available in Educational software for overcoming learning disability packs

40/80t disk; Operated by Qwerty & Concept keyboard; Light pen, (Touch screen version on separate disk)

Pre-reading : disk 2

Northampton: Nordis Software

1988

Pre-reading

BBC B; BBC B+; BBC Master; Master Compact; £11.00 RM Nimbus; £12.90 (Qwerty keyboard version only)

Disk; user manual

Reading skills; Computer graphics; Special educational needs; Computer games

Designed to teach differences in shapes and pictures and working from left to right. Includes progress monitor. Available in Educational software for overcoming learning disability packs

40/80t disk; Operated by Qwerty & Concept keyboard; Light pen. (Touch screen version on separate disk)

Pre-reading : disk 3

Northampton: Nordis Software

1988

Pre-reading

BBC B; BBC B+; BBC Master; Master Compact; £11.00 RM Nimbus; £12.90 (Qwerty keyboard version only)

Disk; user manual

Reading skills; Computer graphics; Special educational needs; Computer games

Designed to develop skills in matching of sets of shapes or colours and following a sequence of shapes. Includes progress monitor. Available in Educational software for overcoming learning disability packs

40/80t disk; Operated by Qwerty & Concept keyboard; Light pen. (Touch screen version on separate disk)

Pre-reading : disk 4

Northampton: Nordis Software

1988

Pre-reading

BBC B; BBC B+; BBC Master; Master Compact; £11.00 RM Nimbus; £12.90 (Qwerty keyboard version only)

Disk; user manual

Reading skills; Computer graphics; Special educational needs; Computer games

Designed to develop skills of matching of upper and lower case letter sequencing. Includes progress monitor. Available in Educational software for overcoming learning disability packs

40/80t disk; Operated by Qwerty & Concept keyboard; Light pen. (Touch screen version on separate disk)

Pre-reading and early reading pack

Trott, Michael; Duffy, Myra; Solanki, Navin; et al

Wisbech, Cambridgeshire: esm

1983

BBC B; BBC B+; BBC Master 128; £35.00

40t; 2 disks; 1 booklet

Reading skills; Spelling; Language; Infant school education; Primary education; Pre school education

Contents: Pre-reading (5 programs to develop visual discrimination and matching skills); Early reading (2 visual sequential memory programs and two matching and memory programs to develop memory; recall and sequencing skills). Both available separately

BBC 5.25"; 40t disk. Can use Concept keyboard

4-7

Pre-reading skills

Smart, Steve

Blairgowrie: Locheesoft

198-

Series 1

BBC B; BBC B+; BBC Master 128; BBC Networks; £19.50 (Part of proceeds donated to Save the Children Fund)

Disk

Language; English; Reading skills; Puzzles; Problem solving; Infant school education; Primary education; Special educational needs; Computer graphics

0947584641/587

Contents: Tracking (encourages and develops visual tracking from left to right); Same and different (child identifies the "odd one out" from a row of pictures); Same (the child picks a picture matching one shown at the top left of the screen, from a row of different drawings). May be operated with Concept keyboard; touch screen or joystick. Results may be stored and monitored. Various difficulty levels.

BBC 40t s/d DFS disk (unless 80t requested); will also run on ADFS or Network. Please specify whether A3 or A4 overlays are required

5+

Pre-school works

Reading: M.E. Electronics Ltd.

198-

Apple Macintosh; £50.00

Disk; manual

Schools; Educational administration; Recordkeeping

An evaluation package for SchoolWorks; cost redeemable against future purchase of full version. Includes large sample data file.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Price discrimination

See: Microeconomics pack 2

Price fluctuations

Meadowcroft, Ian (revision au.); Killbery, Ian (original au.); Yates, Ian (economics ed.) et al

Harlow: Longman Micro Software

1987

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; £19.50

1 disk; 1 documentation booklet; students' leaflets

Economics; Secondary education; Sixth form education; Further education

0582265398

Enables students to investigate factors determining stability of price and output cycles as they select commodities with varying demand and supply conditions

BBC 40t, 5.25" DFS disk

16-19

Pride and Prejudice

London: Sussex Publications Ltd; World Microfilms

198-

English revision on microcomputer

BBC B; BBC B+; £18.95 Econet level 2; £29.95

Disk; manual

English; English literature; Secondary education; General Certificate of Secondary Education

A practical revision aid, with introductory material, questions and information which can be used by groups or individuals. The program is in four sections: story; characters; scenes and background. Available in set: English revision on microcomputer

BBC 40t or 80t disk

11+

Primary language

Straker, Anita

Wisbech, Cambridgeshire: esm

198-

BBC B; BBC B+; BBC Master 128; £19.95

Disk

Language; Spelling; Puzzles; Problem solving; Primary education; Computer games

8 programs to develop word and sentence sequencing; letter formations; letter and word recognition; sentence building; lateral thinking use of dictionary and thesaurus; vocabulary and spelling. Can be edited to include teacher's own content

BBC 5.25" disk

7-11

Primary language software box

Wisbech, Cambridgeshire: esm

198-

BBC B; BBC B+; BBC Master 128; £115.00

6 disks

Language; Reading skills; Creative writing; Spelling; Infant school education; Primary education; Secondary education

For all abilities throughout the primary school. Contents: Wulfstan's wordhoard; Storywriter; Microstory; Wordweb; An eye for spelling; Pick-a-word. Programs available separately.

BBC 5.25" disk

5-12

Primary maths course

Henley-on-Thames: LCL

198-

BBC B; BBC B+; BBC Master; BBC Master Compact; Amstrad CPC; IBM PC compatible-PC200, PPC; Atari ST; £24.00 BBC B; BBC B+; BBC Master; Amstrad CPC; £29.00 (includes further 19 programs suitable for age up to 14 years)

Disk/tape; 2 books

Mathematics; Preschool education; Infant school education; Computer graphics

Course of 24 programs with animated graphics for individual or small group use, covering addition; subtraction; hundreds; tens and units; recognising shapes; tables; multiplication; division; weight; conversion between percentages; fractions and decimals. If purchasing other courses, special offer of £5.00 off total for 2 courses; £10.00 off for 3; £17.00 off for 4

Tape/disk/3.5" disk (please specify)

3-11 or 3-14

Primary maths software box

Wisbech, Cambridgeshire: esm

198-

BBC B; BBC B+; BBC Master 128; £95.00

6 disks

Mathematics; Geometry; Puzzles; Problem solving; Primary education; Secondary education

Maths problem solving; strategy planning; decision making; geometry; logic; time; computation. Contents: Squeeze; Time trucker; Maths 9-13; Number chaser; Puff; Martello tower. Programs available separately

BBC 5.25" disk

7-14

Primary reading package

Lewis, Derek

Blairgowrie: Locheesoft

198-

BBC B; BBC B+; BBC Master 128; BBC Networks; £19.50

Disk

Reading skills; Infant school education; Primary education; Special educational needs; Content free programs

0947584595/730

Suite of programs for setting up files of phrases, sentences or texts which are presented to the early reader for item completion or reading exercises. Facilities include left to right word highlight/adjustable reading speed/variable lines/optional sound with unobtrusive graphics.

BBC 40t s/d DFS disk; will also run on ADFS or Network.

5+

Primary technology : the place of computer control

Coventry: NCET/MESU

1989

BBC B; BBC Master; £27.50

Disk; 4 books

Control technology; Electronics; Computer programming; Primary education

A resource pack for primary computer control, using construction technology, simple electric circuitry and programming. Support materials cover techniques and resources, case studies and examples of classroom activities. Includes Contact software, which is available separately as are the books: Techniques for technology and Programming for control. Licensing agreements/large bulk orders: details from publishers.

40t disk

5+

Primaths4

Straker, Anita; MEP

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1982

BBC B; £4.00

Disk

Mathematics; Primary education

Contents: Count; Adding; Partit; Differ; Ten.

Primaths5

Straker, Anita; MEP

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1982

BBC B; £3.00

Disk

Mathematics; Primary education

Contents: Lines; Clock; Diag; Polygon; Odds. (Diag, Polygon and Lines also available separately, prices £2.50, £4.00 and £2.50 respectively).

Princess and the ring

Newman, Barry; Cubitt, Bernice

Huntingdon: Cambridgeshire Software House

1987

BBC B; BBC B+; BBC Master 128; BBC Master Compact; RM Nimbus; IBM PC; £24.00 Nimbus/Network; £40.00 Site Licence £45.00

1 disk; 1 audio story tape, pictures of the characters

Language; English; Modern languages; French; German; Russian; Infant school education; Adventure simulation; Content free programs

This highly visual program comes with an audio cassette which explains that a 'magic word' has to be found to break a spell. There is a facility to set up a selection of 'magic words' so the game is not repetitive. The RM Nimbus software is available in English, French; German or Russian; Composite 4 languages version is also available

IBM PC requires CGA

5+

Principles of social stratification

London: Sussex Publications Ltd; World Microfilms

198-

BBC B; BBC B+; £18.95 Econet level 2; £29.95

Disk; manual

Sociology; History; Secondary education; General Certificate of Secondary Education; Computer graphics

Introduces the themes and concepts of social stratification. Includes multiple choice questions and graphics, covering natural social stratification; ascribed and achieved stratification; idea of social inequality; stratification in pre-industrial societies

14+

Printbox

Hunter, Peter

Cambridge: Logotron

1989

BBC B; BBC Master 128; BBC Master Compact; £29.00

Disk or chip

Design; Primary education; Secondary education; Desktop publishing

A child-centred page design program which includes library of fonts and clipart pictures; can be used to create colour posters, cards, newsletters, booklets, stationery; allows mixing of text and pictures. Can be used with other BBC micro programs, including Logo, PenDown and Numerator. Can be used with A3/A4 concept keyboards for BBC Micros.

BBC B (Rom & 2 disks); Master 128 (Sideways

ram on 2 disks); BBC Compact (3.5" disk sideways ram)

6-14

Printer

RCEVH (Research Centre for the Education of the Visually Handicapped)

Oldham: Northwest SEMERC

198-

BBC B; BBC B+; BBC Master 128; £7.00

Disk

Special educational needs; Life skills; Infant school education; Primary education; Creative writing

For creating printed text in a large bold font. Allows partially sighted pupils to produce written work which they can read. Provides for 5 sizes of characters; selection of inter-character spacing.

5+

Printer driver generator

Cambridge: Acornsoft

Personal productivity tools

BBC B; B+; 128K B+; Master 128; £10.00

Disk; manual

Utilities; Primary education; Secondary education; Sixth form education; Further education; Word processing; Business education

Allows user to generate a standard interface between VIEW and the special facilities of any printer enabling facilities to be accessed through fixed codes within the text, ensuring one document will be printed identically on different printers. Includes screen driver for checking highlights.

40/80t disk

4-16+

Printer server

St. Albans: Beebugsoft Ltd

198-

Econet; £62.10 (£62.10 (members' discount price)

Utilities

Printer server EPROM

St. Albans: Beebugsoft Ltd

198-

Econet; £49.00 (£46.55 members' discount price)

Utilities

PrintMe

Leamington Spa: SPA (Software Production Associates)

198-

RML 380Z; RML 480Z; £14.00; RML 480Z Network; £36.00 RM Nimbus; £17.00 RM Nimbus Network; £39.00

Disk

Utilities; Schools; Administration

A file printing program designed to print files produced by Basic, DataStar and other data handling programs. Ideal for printing address labels, listing information in columns, printing report forms, etc

RML 380Z needs 56K

Printwise

St. Albans: Beebugsoft Ltd
198-

BBC B; BBC Master 128; Master Compact;
£30.00 (£22.50 members' discount price)

Disk

Utilities; Primary education; Secondary education; Sixth form education; Further education

Allows user to specify font style from 18 fonts covering 4 standard typefaces; includes virtual-memory facility allowing it to handle long text files; a comprehensive range of formatting commands; power font editor.

40t or 80t; 3.5" Master Compact; suitable for all Epson compatible printers.

Print-a-screen : Nimbus printer dump

Young, Keith (au. software); Netherwood, D. (original encoder); McGregor, Fiona (au. text)

London: ILECC (Inner London Educational Computing Centre)

1987

RM Nimbus stand alone; £15.00; RM Nimbus network; £30.00

1 disk; 1 booklet

Art; Design; Secondary education; Utilities
0708599400

Black and white and colour screen printing utility which is designed to produce printed pictures in a variety of sizes from either all or part of the screen

The program can be used with most dot matrix printers (monochrome and colour), a number of ink jet printers (monochrome and colour) and both Hewlett Packard's Laser Jet and Apple LaserWriter

8-16+

ProArtisan

Northwich: Clares Micro Supplies

198-

Acorn Archimedes; £99.95

Disk; manual

Art; Design; Craft, design, technology; Computer graphics; Secondary education; Further education

Fully WIMP based. Help on screen if required. Facilities include normal rubber band drawing options; bezier curve; user defined grid lock; extensive fill options; magic brush colour manipulation; solarising function; cut and paste; distortion routine. Includes 26 fonts and font editor. Prints to Integrex 132; Integrex ColourCel, Xerox 4020, HP Paintjet, Epson, HP laser compatibles. Compatible with 300/400 series and A3000 BBC Micro

3.5" disk; requires 1 megabyte memory; hard disk compatible; RISC OS compatible. Uses windows and mouse

12+

Probability

Street: Selective Software

198-

BBC B; BBC B+; BBC Master 128; £10.00 BBC Master Compact; £12.00

Disk

Mathematics; Primary education; Secondary education; Simulation

Probability experiments including Dice (using up to 3); Playing cards; Spinners (up to 3 with 12 sides); Selecting colour beads (up to 3 colours; up to 30 beads); gives on-screen results. Teacher control.

BBC B 5.25" 40 or 80t disk; BBC Master Compact 3.5" disk.

9-16

Probability and Statistics programs

Green, David; Knott, R.P.; Lewis, P.E.; et al.

London: Capital Media

1986

BBC B; £8.00

2 disks

Mathematics; Statistics; Secondary education; Further education

A variety of investigational programs enabling pupils to explore concepts of bias, fairness, randomness, sampling, statistical significance and tree diagram representation. Contents: Bulb test; Cointosser invention analyser; Cosmic information detector; Double-dot; Multi-dot; Lights; Rollerball; Sampler; Seeds.

BBC 40t s/s, s/d disk.

11+

Problem solver

Studley: LTS (Learning and Training Systems)

1984

BBC B; BBC Master; BBC Master Compact; RM Nimbus; Acorn Archimedes; £12.95 Acorn Level 2/3; Filestore & SJ systems; RM Nimbus Network; £22.95

Disk

Language; Mathematics; Sciences; Computer studies; English; Life skills; Puzzles; Problem solving; Secondary education; Sixth form education; Further education; Cross curriculum

Develops logical thinking, language, decision making and problem solving skills by allowing children to define a problem and then 'teach' the computer the questions to ask in order to make a decision in a number of ways - simple totalling, set rules, or weighted responses.

Network software on 80t DFS with transfer instructions. For stand alone software, please specify format required.

10-18

Problem solving skills

Sheffield: Pavic Publications

198-

BBC B; £10.00

Disk or cassette

Puzzles; Problem solving

Contents: Classifying; Tracks in the snow

BBC 40t or 80t disk; BBC cassette

Problem solving with plastics

BP Educational Service

London: BP Educational Service

1989

Chemistry at work project

BBC B; BBC B+; BBC Master; RM Nimbus; £19.50

2 disks; 1 pack users' guide; information sheets; materials testing sheets, record sheets

Craft, design, technology; Business education;

Economics; Sciences; Secondary education; Further education; Content free programs

086165143

Pack provides guidance and resources for teachers and pupils on project work with plastics from research stages to production and marketing. Developed by teachers to promote new methods in classroom practice in teaching GCSE, Standard Grade, CPVE and A level courses.

14+

Problems and investigations in the primary school using the microcomputer as a resource : pack 1

London: Capital Media

198-

Problems and investigations in the primary school using the microcomputer as a resource

BBC B; RML 480Z; £8.00

Disk; documentation

Primary education; Puzzles; Problem solving; Mathematics; Cross curriculum

Contents: Raybox; Bees; Strategy; Colony. Documentation examines the place of problem solving and investigatory work in the primary curriculum.

BBC 40t s/s, s/d disk; RML 480Z d/s, d/d disk

5+

Problems and investigations in the primary school using the microcomputer as a resource : pack 2 : Enigma

London: Capital Media

198-

Problems and investigations in the primary school using the microcomputer as a resource

BBC B; RML 480Z; £8.00

Disk

Primary education; Puzzles; Problem solving; Mathematics; Cross curriculum

Involves pupils writing and cracking cyphers with the aid of the micro.

BBC 40t s/s, s/d disk; RML 480Z d/s, d/d disk

5+

Problems and investigations in the primary school using the microcomputer as a resource : pack 3 : Shunt

London: Capital Media

198-

Problems and investigations in the primary school using the microcomputer as a resource

BBC B; RML 480Z; £8.00

Disk

Primary education; Puzzles; Problem solving; Mathematics; Cross curriculum

A program allowing children to pose and solve problems associated with shunting trains in sidings.

BBC 40t s/s, s/d disk; RML 480Z d/s, d/d disk

5+

Problems and investigations in the primary school using the microcomputer as a resource : pack 4 : Triangles

London: Capital Media
198-
Problems and investigations in the primary school using the microcomputer as a resource
BBC B; RML 480Z; £8.00
Disk
Primary education; Puzzles; Problem solving; Mathematics; Geometry; Cross curriculum
Allows children to create pictures based on triangles as they type the co-ordinates of their vertices; also allows them to investigate patterns in area, length of side and angular measurements.
BBC 40t s/s, s/d disk; RML 480Z d/s, d/d disk.
5+

Problems in chemistry

Grilli, David; Studd, John M.
Plymouth: Garland Computing
1986
Chemistry : collection 1
BBC B; BBC B+; BBC Master 128; £13.85
Econet; £31.50
Disk
Chemistry; Secondary education
A list of chemical problems helping revision of chemical identification and properties; computer checks progress of each of up to 30 pupils as each stage of the problem is attempted.
Contained in Chemistry disk 1 collection. Site licences, multiple copy discounts available; details from publisher
BBC 40 or 80t (please specify)
13-16

Problems with patterns and numbers

Manchester: Joint Matriculation Board
198-
Disk
Mathematics; Puzzles; Problem solving; Primary education; Secondary education; Computer graphics; Computer games
Contents: Snook (full version of investigation of ball moving around rectangular table until it falls into a corner pocket, providing an illustration of inductive reasoning leading to mathematical proof); Circle (investigating, drawing, inferring activities); Tadpoles; (a number pattern game); Pirates; (a 2/3d grid treasure hunt involving a variety of mathematical activities); Rose (user can draw any mystic rose from straight lines before attempting to solve the problem of how many lines are in a rose of 15 points).
8-18

Procedures

Llandudno: Micro Help
198-
Interfacing software
BBC B; BBC B+; BBC Master; £3.00
Disk
Craft, design, technology; Design; Utilities
Interfacing software; contains a set of 7

procedures for switching relays in any combination; ready to incorporate into user programs. Discounts offered on quantity orders

PROCSIM

Microclass
Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)
1984
BBC B; £14.50
Disk
Computer studies; Secondary education; Simulation; Computer graphics; Computer programming
Uses graphics to aid the understanding of 6502 machine code concepts. A program can be built up from single instructions entered and assembled interactively. During execution data can be seen moving between the registers and buses of the microprocessor.

Procyon common LISP personal

Cambridge: Procyon Research Ltd.
198-
Apple Macintosh; £395.00 (site licences available)
Disk; documentation
Computer programming; Programming languages
A complete development system for Macintosh programmers. Has an optimised incremental compiler; a block file compiler and a full development system including high level development tools such as mouse, toploop, text editor, structure editor, inspector interface toolkit, debugger, bit-map editor, stepper, tracing, breakpointing and profiling, pretty printer, etc.
Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Procyon common LISP professional

Cambridge: Procyon Research Ltd.
198-
Apple Macintosh; £775.00
Disk; documentation
Computer programming; Programming languages
An enhancement to the Personal version. Includes first microcomputer implementation of the Common LISP Object system, totally integrated with Common LISP and CommonGraphics, allowing object oriented programming to be incorporated into existing applications without re-writing. Includes full colour support and faster garbage collection.
Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Procyon common LISP developer

Cambridge: Procyon Research Ltd.
198-
Apple Macintosh; £195.00
Disk; documentation
Computer programming; Programming languages
5 programming tools for use with Procyon common LISP package.

Educational Software PRO - PRO

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Procyon common LISP support package

Cambridge: Procyon Research Ltd.
198-
Apple Macintosh; £300.00
Disk; documentation
Computer programming; Programming languages
Support package for Procyon Common LISP package.
Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Product patterns

Dary, J.
Gravesend: Fernleaf Educational Software Ltd
Thinking mathematically : series 1
BBC B (disk); £11.26 BBC B (cassette); £8.65
Disk or cassette
Mathematics; Primary education; Puzzles; Problem solving; Computer games
Contained in Arithmetic plus. Designed for use by small groups of children. A game providing practice in multiplication through the use of factors. Grids of different tables are displayed with clues being provided for some tables. As products are offered, the users must decide, on the basis of the clues available, to which table they belong
7-11

Production line

Sheffield: COIC Software
198-
BBC B; BBC B+; BBC Master 128; BBC Master Compact; Acorn Archimedes; RM Nimbus; IBM PC £25.00 Master ADFS - details from publishers
Disk
Business education; Design; Economics; Careers; Secondary education; Sixth form education; Further education
Aims to promote understanding of the processes and decision making involved in making things in a commercial environment. Program uses clothing industry as an example of the basic concepts of design, marketing, and production. Available as part of multi-program set.
BBC B, B+, Master 128 (40t disks); Master Compact; Archimedes (3.5" disks); Nimbus (3.5" 720k). 40 or 80 track drive and colour monitor essential parallel printer advisable. 5.25" disk versions run under DFS operating system. IBM version requires CGA capability in older machines. Networkable.
14-16+

Professional composer

London: MCMXCIX
198-
Apple Macintosh; £425.00 (25% education discounts available)
Disk
Music

A music notation program allowing user to enter and edit over 125 musical symbols and up to 40 staves per system. Features include transposition; validation of instrument ranges; ability to merge parts, add rehearsal markings and enter multiple verses of lyrics. Allows individual parts to be extracted for printing, with control over page layout. Compatible with Performer MIDI sequencing program

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration

Professional layout

Maidstone: Microspot

198-

Douglas CAD/CAM professional system

Apple Macintosh; £995.00

Disk

Computer assisted design; Design; Craft, design, technology; Engineering; Electronics

Includes a parts placement facility for component positioning.

Operates on a Macintosh Plus; but a 2MB Macintosh II is recommended.

Professional performer : version 2.4

London: MCMXCIX

198-

Apple Macintosh; £395.00

Disk

Music

A MIDI sequencing program, with features including audible playback as sounds are selected; conductor track for visual editing of tempo, metre and key change events; ability to read and write standard MIDI files in all formats; MIDI monitor window indicating incoming MIDI channel activity; 13 new keyboard keypad commands, legend window displaying event icons; enhanced looping capabilities.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Profile

See: CEDRIC (Community energy display and retrieval of information and calculation)

Profiling and matching

London: ITV Schools

1990

BBC B; BBC Master 128; Econet 2; Econet 3; £26.25 RM Nimbus; RM Nimbus network; £27.85

Disk; manual; datasheets; data disk

Secondary education; Further education; Schools; Recordkeeping

Associated with the I.T. TV series, but can be used independently. Designed to help teachers and pupils understand more about profiling and to keep and maintain profiles. Allows user to match one set of data against another.

BBC 5.25", ADFS

11-16+

Profit maximisation in perfect competition

See : Competition

Programmer's utility disk

Tunbridge Wells: Compaid Trust

198-

BBC B; BBC Master 128; £5.00

Disk; manual

Special educational needs; Utilities

A 40/80t disk sector editor; enables the recovery of deleted BASIC programs; reinforces valuable disk data; saves mode 0-2 screens in compacted form; restores 90% of all bad programs; gives a constant on-screen status report on screen mode, depth of FOR-NEXT loops, etc. BBC B version includes full basic on-screen editor and allows all screen characters to be output in double height

BBC 80t 5.25" DFS disk (please specify if 40t required). Keyboard only

Programmers companion

Llandudno: Micro Help

198-

Micro Help companions (on-screen help)

BBC B; BBC B+; BBC Master; £19.95 (ROM) BBC B; BBC B+; BBC Master; £8.95 (ROM image on disk) BBC B; BBC B+; BBC Master; £9.95 (disk)

ROM or disk

Programming languages; Computer programming; Utilities

Provides on-screen help with a selection of 15 helpscreens appropriate or programming, utilizing the BBC computer's ability to use up to 240k of sideways ROM in addition to the running language, making it accessible at the same time. Customising service available (£24.95). Available in set of four; or any two ROMs £29.95; any three ROMs £39.95. Discounts offered on quantity orders.

ROM or ROM image on disk for loading into Sideways RAM

Programming step by step

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £19.50 Master Compact; £21.70 Econet; £58.50

Disk; worksheets; handouts

Computer studies; Computer programming; Secondary education; Sixth form education; Further education

Four programs aimed at computer literacy and introductory programming: Maze (moving a counter to escape from a maze); Factory (controlling a factory process by programming a process "computer"); Basic (using a limited set of 8 BASIC commands to produce line drawings on a grid); Logo (an emulator of the turtle graphics section of the LOGO language, allowing introduction of procedures concept).

Only specify 80t if you cannot use 40t disks.

11+

Programs from an introduction to microcomputers in teaching

Nash, Andrew; Ball, Derek

Birmingham: Hutchinson Software

198-

BBC; RML 380Z; £15.00

Disk or cassette

Schools; Administration

Contains 20 programs listed in book: An introduction of microcomputers in teaching - a comprehensive and practical introduction to 21 subject teachers who wish to use microcomputers in teaching.

BBC disk or cassette; RML 380Z disk. BBC B only (40t, single); RML 380Z (32K. Some programs need an HRG board.)

Programs from microcomputers in geography teaching

Midgeley, Howard

Birmingham: Hutchinson Software

198-

BBC; RML 380Z; £15.00

1 disk or cassette

Geography

Ready-to-run programs from the book Microcomputers in Geography Teaching - a comprehensive introduction to the use of Microcomputers in geography teaching.

BBC disk or cassette; RML 380Z disk

Programs from microcomputers in science teaching

Sparkes, R.A.

Birmingham: Hutchinson Software

198-

BBC; £19.50 PET 3000; PET 4000; Sinclair Spectrum; £16

1 disk or cassette

Sciences

Ready-to-run programs from Microcomputers in science teaching; BBC microcomputer in science teaching; ZX spectrum in science teaching, aimed to help more effective use of microcomputers in science teaching.

BBC disk or cassette; PET disk; Sinclair Spectrum cassette

Progress

Newcastle IT Unit

Newcastle Upon Tyne: Northern Micromedia

198-

BBC B; BBC Master; £35.00

Disk (40 or 80t)

Schools; Recordkeeping

A profiling framework for educational assessment; holds a list of personal information and a second list of descriptors or statements of achievement, which can be selected to give a picture of a student's progress. 40t system holds up to 50 students and 50 groups of 7 descriptors. 80t system holds up to 50 students and 100 groups of 7 descriptors.

40t or 80t

Project programs

Lancaster: Syndicate Software

BBC B; BBC B+; BBC Master; £24.95

Disk; booklet

Language; Mathematics; Spelling; Special educational needs; Primary education

Contents: First stage (Numrec; Howmany; Oddone; Colshap); Second stage (Easysum; Tens; Countin; Letter; Wordpix); Third stage (Fracts; Multipl; Words; Sums). Each stage available separately

40t s/s, d/d disk; Input from Keyboard and numeric keypad or proximity switch
5+

Project programs : first stage

Lancaster: Syndicate Software

BBC B; BBC B+; BBC Master; (disk); £9.95
BBC B; BBC B+; BBC Master; Acorn Electron (tape); £9.95

Disk; booklet

Mathematics; Special educational needs; Primary education

Contents: Numrec (number recognition test); Howmany (adding up to 9); Oddone (distinguishing the odd one out); Colshap (colour/shape recognition). Available in pack with Second and Third stage

40t s/s, d/d disk; or C20 tape cassette. Input from Keyboard and numeric keypad or proximity switch

5+

Project programs : second stage

Lancaster: Syndicate Software

BBC B; BBC B+; BBC Master; (disk); £9.95
BBC B; BBC B+; BBC Master; Acorn Electron (tape); £9.95

Disk; booklet

Mathematics; Spelling; Language; Special educational needs; Primary education

Contents: Easysum (easy addition/subtraction); Tens (shows how numbers are made up to tens and units); Countin (encourages mental arithmetic); Letter (easy spelling game); Wordpix (uses pictures to test three-letter words). Available in pack with First and Third stage

40t s/s, d/d disk; or C20 tape cassette. Input from keyboard and numeric keypad or proximity switch

5+

Project programs : third stage

Lancaster: Syndicate Software

BBC B; BBC B+; BBC Master; (disk); £8.95
BBC B; BBC B+; BBC Master; Acorn Electron (tape); £8.95

Disk; booklet

Mathematics; Spelling; Language; Special educational needs; Primary education

Contents: Fracts (simple fraction familiarisation); Multipl (teaches easy multiplication); Words (tests similarly spelt words); Sums (mental arithmetic - easy or harder). Available in pack with Second and Third stage

40t s/s, d/d disk; or C20 tape cassette. Input from Keyboard and numeric keypad or proximity switch

5+

Project space

McPhee, A.D.

Glasgow: Scetlander

Creative software for education

BBC B; BBC B+; BBC Master 128; £15.00 RM Nimbus; £15.00 IBM PC (3.5"); £23.95 IBM PC (5.25"); £21.00

1 disk; 1 audio cassette; teachers' notes; pupils' notes and assessment record sheet

Language; English; Reading skills; Primary education; Secondary education; Special educational needs; Computer graphics

1855720434 1855720442

A program about a mission to fly a starship through outer space which encourages group work in reading, writing in a variety of formats, talking and listening, researching and recording
BBC 5.25" disk; RM Nimbus; 3.5" disk; IBM PC 3.5" or 5.25" disk

8-14

Projectiles

Feeley, D.; Tennent, R.; Weir, J.

Plymouth: Garland Computing

1983

Physics : collection 2

BBC B; BBC B+; BBC Master 128; £13.85 RM Nimbus; £16.30 Econet; £31.50 RM Nimbus network; £33.95

Disk

Physics; Secondary education; Sixth form education; Further education; Computer graphics; Simulation

Interactive visual aids, or for use for self-tuition or revision. Simulation of the flight of a projectile and stroboscopic record of its motion; includes screen-dump for EPSON printers. BBC versions contained in Physics disk 2 : collection. Site licences, multiple copy discounts available; details from publisher

BBC 40 or 80t (please specify). RM Nimbus version supplied with BBC- BASIC

12-16+

Projectiles

See: WSS physics pack 1

Promenade

See: Pad switch games

Prompt and Writer

MESU

Coventry: NCET/MESU

1988

BBC B; BBC Master; BBC Master Compact; £9.50

3 disks; 18 keyboard overlays (A3 & A4); book

Language; Word processing; Reading skills; Creative writing; Primary education; Secondary education; Special educational needs

1853790001

A simple word processing package, designed to promote language development. Prompt is a very supportive word processor to encourage reluctant writers, and shares a common menu structure with Writer, a more advanced word processor intended for children throughout the age and ability range. Licensing agreements/ large bulk orders: details from publishers

Can be used with Concept keyboard

5+

Prompt 3

Doncaster: RESOURCE

198-

BBC B; BBC Master 128; £14.50

Disk; documentation

Word processing; Infant school education; Primary education; Secondary education; Special educational needs

Educational Software PRO - PRO

A word processor for use with the concept keyboard. LEA/Regional licences and bulk purchase discount available.

BBC B/Master 5.25" 40t DFS; 80t DFS available - £1.50 surcharge per disk. Uses concept keyboard.

4-16+

Proportional representation

Glasgow: Scetlander

BBC B; BBC B+; BBC Master 128; £7.50

Disk; teachers notes

Secondary education; Sixth form education; Simulation; Further education; Computer graphics

1855720973

An election simulation using the STV system of proportional representation in a fictional country, which involves counting and re-allocation of papers, and comparing results of the STV system against those obtainable from the simple majority system. Highly interactive

BBC 5.25" disk

14-18+

Proportional representation model

Glasgow: CDG (Scotland) Ltd.

198-

BBC B; BBC B+; BBC Master 128; £15.50
Acorn Archimedes; IBM PC; RM Nimbus; £21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

Sciences; Sociology; Databases; Secondary education; Sixth form education

1870307410

A projection of election results in a British General Election held on the basis of a single transferrable vote. Results for Conservative, SDP, Liberal Democrats and Labour parties have been collated to allow comparison of each party's potential results. Structured modular work units accommodate all ability levels; integrate computer procedures and assist in the acquisition of knowledge and understanding, developing enquiry, evaluation and analysis skills, etc. Optional Epson compatible screen dump (BBC/Nimbus only) available - £7.50 (BBC); £13.50 (Nimbus). Discounts available for purchase of any two or more datapacks - details from publishers

Please state format required: BBC 40 or 80t disk; IBM PC (EGA/ECD only)

16-18

Prospecting game

See: Industrial pack

Proteus scenarios

Hayles, Simon; Sellers, Brian

Oldham: NCET/MESU, North West SEMERC 198-

Blue file

BBC B; £20.00 for entire set; £5.00 each for individual scenarios

40t; 5 disks; 5 documentation booklets

Special educational needs; Primary education; English; Language

Contents: Elmtree farm; Fantasy that!; Moving in II; Our school; Toy cupboard Five scenarios that allow children to build attractive pictures by pressing a concept keyboard or typing. As

children work they can print a series of their pictures in colour or black and white, and have a printed record of the instructions they have given.

ProtoTyperHC

Oadby, Leicester: Howard Freeman
198-

Apple Macintosh; £50.00 (£60.00 with installed drivers) version 4.1

Disk

Authoring aids; Cross curriculum

A tool for constructing working computer-aided learning or computer-based training prototypes. Includes 2 card types: a mapcard on which icons are placed and linked; and a real card, represented by the icon on the mapcard. Videodisk drivers may be installed so that cards can be associated with video frames and sequences (users wishing to have drivers installed should provide them). Suitable for creating plan for adventure game; simulating biological processes or any process in which there is cyclical movement.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration. Requires HyperCard version 1.2.

PSP

See: Neurosim

PSpice

Camberley: ARS Microsystems Ltd.

198-

Apple Macintosh; £2,395 (including selected options and update subscription); £3,100.00 Deluxe AD or PSpice complete package. 20% education discounts available.

Disk

Computer assisted design; Design; Craft, design, technology; Engineering; Electronics; Simulation

An analogue circuit simulator which calculates behaviour of electrical circuits including voltages; currents; derived quantities such as group delay. Uses the 68881 floating point coprocessor; supports both monochrome and colour displays. Optional extras available separately - £350.00 - include Analog Behavioral Modeling; Digital Simulation; Device Equations; Monte Carlo; Digital Files.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Psychebrot

Reynolds, Chris

Tring: CODIL Language Systems Limited
198-

BBC B; £2.00

Disk; manual

Mathematics; Art; Design; Computer assisted design

A psychedelic tour of the Mandelbrot Set. Produced in aid of MIND. Charge covers costs of disk, post, etc. Any extra donation forwarded to MIND.

State 40/80; DFS/ADFS when ordering.

Psycho

See: Vivid

Psychology lab

Chepstow: AVP Computing

BBC B; BBC B+; BBC Master 128; £24.50

Psychology; A level examinations; General Certificate of Education; Secondary education; Further education

A package of programs which allows the BBC micro to be converted into a multi-purpose research tool for experimental work and classroom demonstrations. Programs include : 1) Muller-Lyer illusion lines with variable orientation and fin angles. Subjects adjust the line length on screen until both lines appear equal. The degree of illusion is calculated and presented in tabular form. 2) Reaction Timer - utilises an interesting game-like format and also permits the experimenter to select any stimulus as the target. 3) Tachistoscope/Memory drum - allows the researcher to present material for a fixed time on screen. Presentation times may be varied from hundredths of a second to several minutes. 4) Tachistoscope - enables the accurate measurement of recognition thresholds. Stimuli can be again summarised in tabular form. 5) Vigilance task - the subject's performance on a vigilance task is monitored. The time taken to complete the task along with a record of the number of errors is presented in a table at the end. 6) Statistics test - a novel way for students to revise this topic using a program learning format. Designed for A level. 7) Significance demonstration - a program designed to provide students with a better understanding of this difficult statistical concept

14-18

Public transport

See: Urban studies : programs for fieldwork

Puddle

Northampton: Northamptonshire Computer Education Centre

198-

RM Nimbus; £10.00

Disk; documentation

Puzzles; Problem solving; Life skills; Infant school education

After getting wet by falling in a puddle, Freddy has to be helped to hang correct coloured clothes on his washing line. Program provides colour matching, memory recall, visual discrimination, sequencing and discussion activities.

Mouse driven

5-7

Puff : a maths adventure in a Chinese pagoda (BBC version)

Straker, Anita

Wisbech, Cambridgeshire: esm

1988

BBC B; BBC B+; BBC Master 128; BBC Master Compact; £19.95

1 disk; 1 documentation booklet; 2 keystrips; 1 certificate

Mathematics; Adventure simulation; Language; English; Problem solving; Primary education; Cross curriculum; Computer games; Adventure simulation

An adventure game in which children have to find and free Puff the dragon hidden in a Chinese pagoda. Involves group discussion, logical deduction, simple mathematical challenges, strategy and problems solving; introduces children to Chinese culture. Contained in Box of adventures and in Primary maths software box.

BBC 5.25" disk; Compact 3.5" disk
7-10

Puff : a maths adventure in a Chinese pagoda (RM Nimbus version)

Straker, Anita

London: ILECC (Inner London Educational Computing Centre)

1987

RM Nimbus; RM Nimbus network; £10.00

1 disk; 1 documentation booklet; concept keyboard overlay

Cross curriculum; Infant school education; Primary education; Adventure simulation; Language; Mathematics; Puzzles; Special educational needs

Puff is an adventure game for primary schools. The children have to find Puff the dragon in a pagoda by moving around the rooms, and up and down the floors using four commands to the computer. As the game is played, objects are found which are needed at various places to overcome obstacles and hazards. Some of the rooms can be entered only when a number puzzle is solved.

Concept keyboard required

5-7

Pulse

Cardiff: MEU Cymru

Life sciences construction packs

BBC B; BBC Master; £10.00

Disk; Teachers' notes; construction book

Sciences; Technology; English; Mathematics; Physical education; Information handling; Data processing; Secondary education

The sensing units and interface modules provide electronic construction experience and are presented in the context of a graduated series of electronic investigations for pupils of technology. The software produces numerical and graphical displays of the sampled data which can be printed and saved on disc. The pulse monitor offers options of a pulse waveform, pulse rate logged against time (which can be linked to the Harvard Step Test) and a simulation of the beating heart

5.25" 40t

10-16

Pulsmod : pulse code modulation

Turpin, M.; Balls, T.; Squires, David; Edis, Alan

London: British Telecom Education Service

1987

Computers in the curriculum

BBC B; BBC B+; BBC Master; RML 480Z; RM Nimbus; £15.00

1 disk; 1 teacher's guide; 1 student's booklet; 1 running sheet

Physics; Electronics; Secondary education; Further education; Data processing

This program allows the student to investigate how, by using a process called pulse code modulation, an analogue signal, speech, sound and video, is converted into digital pulses, transmitted and decoded back into a replica of the original analogue signal

14-18

Punching

Princes Risborough: System 3R (UK) Ltd.

198-

MGM Station CAD/CAM 2.5

Apple Macintosh; £5,960.50 or £1,153.60 for customers who have previously purchased one of the series.

Disk

Computer assisted design; Design; Craft, design, technology; Engineering; Utilities

A fully integrated design and manufacturing software package, producing CNC program files which can then be downloaded to the machine tool controller. Using the file created in the CAD part of the system, operations needed by the machine tool to complete the part are entered graphically on the screen. Spindle speeds and feeds are computed automatically. Tool change commands and selection are automatically optimised.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Puncman 1

See: Puncman 1 and 2

Puncman 1 and 2

Spalding: Chalksoft Ltd
1988

Language lab

BBC B; BBC B+; BBC Master; £15.00 BBC Master Compact; Acorn Archimedes; £17.00

Disk; 40t; 80t; 3.5"; copy sheets

Language; Special educational needs

1851160086

Contents: Puncman 1 (full stops and capitals); Puncman 2 (commas, question marks, capitals and fullstops). One tiny computer bug (Puncman) hides punctuation marks and capitals; the other, with the help of the user, replaces them. Passages of different length and complexity to suit individual needs.

3.5"; please state whether 40-track or 80-track disks are required. Option to print to Epson-type printer.

7-13+

Puncman 2

See: Puncman 1 and 2

Puncman 3

See: Puncman 3 and 4

Puncman 3 and 4

Spalding: Chalksoft Ltd
1988

Language lab

BBC B; BBC B+; BBC Master; £15.00 BBC Master Compact; Acorn Archimedes; £17.00

Disk; 40t; 80t; 3.5"; copy sheets

Language; ; Special educational needs

1851160094

Contents: Puncman 3 (covers speech marks and exclamation marks); Puncman 4 (provides practice of all the marks covered in Puncman 1, 2, and 3). Follows same format as Puncman 1 and 2.

3.5"; please state whether 40-track or 80-track

disks are required. Option to print to Epson-type printer.

8-14+

Puncman 4

See: Puncman 3 and 4

Puncman 5

See: Puncman 5 and 6

Puncman 5 and 6

Spalding: Chalksoft Ltd
1988

Language lab

BBC B; BBC B+; BBC Master; £15.00 BBC Master Compact; Acorn Archimedes; RM Nimbus; £17.00

Disk; 40t; 80t; 3.5"

Language;

1851160450

Follows same format as Puncman 1 and 2. Contents: Puncman 5 (covers apostrophes, colons, semi-colons and brackets); Puncman 6 (allows teacher control to specify which punctuation marks are to be used).

3.5"; please state whether 40-track or 80-track disks are required. Option to print to Epson-type printer.

8-15+

Puncman 6

See: Puncman 5 and 6

Punctuate

Wilson, Roger

Peterborough: Topologika

1987

Catch up with the National Curriculum

BBC B; BBC Master; BBC Master Compact; RM Nimbus; Acorn Archimedes / A3000; £14.95 Amstrad; IBM PC; £14.95

Disk; manual

English; Language; Primary education; ; Secondary education; Sixth form education; Further education; Adult education; Special educational needs

Motivates practice of punctuation skills with passages displayed with pre-selected punctuation marks deleted; allows teacher to control speed of program; which punctuation is deleted for which children; choose which texts are presented; create own texts; store texts on disk.

8-Adult

Punctuation, sentencing and paragraphing

London: ALBSU (Adult Literacy and Basic Skills Unit)

1985

BBC B; £5.00

Disk; tutor notes

Reading skills; Language; Creative writing; English (second language); Further education; Adult education

Clarifies what constitutes a sentence and a

paragraph. Includes help option for students experiencing difficulties.

16+

Pupil profile

Blaina, Gwent: Merlin Associates Ltd.

198-

Omnis 3

Apple Macintosh; £495.00 (single user); £995 (multi user)

Disk

Schools; Recordkeeping

A student record system, allowing user to create set of descriptors to represent student achievements; allows for assessment as frequently as necessary; recording of assessments, editing of records and production of summary document. Information can be shared with other Merlin solutions, reducing need to duplicate records.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Puppy love

Wokingham: Addison Wesley Publishers Ltd.

198-

Apple Macintosh; £24.95

Disk

Computer programming; Primary education

Introduces programming through a choreography option and English-like commands. Pupils name a puppy, watch it playing; give a "trick" a name and add it to the repertoire; then take the puppy to perform at the local dog show. Rules of programming and debugging are carefully explained.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

7+

Purchase ledger

Exeter: Minerva Software

198-

DeltaPlus accounts

Acorn Archimedes; £64.95 BBC B; BBC B+; BBC Master 128; Master Compact; £45.95

Disk

Business education; Secondary education; Sixth form education; Further education

Records details of all purchase transactions; reports include suggested payments, remittance advices; daybook; aged creditors and monthly control reports. Allows manual selection of payments, together with computer suggestions. Links with Nominal ledger. Archimedes version utilises extra screen facilities, has greater speed and storage capacity and additional facilities

Require the use of System Delta commands which are supplied with System DeltaPlus

12-16+

Pursuing pathways

Hatfield: Advisory Unit

198-

Quest curriculum packs

BBC B; RML 380Z; RML 480Z; £15.00

Disk; help sheets; guides to Quest utilities

Cross curriculum; Information handling; Databases; Primary education; Secondary education

0 946039 38 0

The product of a two year project looking at the way in which children of Primary age create datafiles during the course of their topic and project work. Pursuing pathways documents children's own, first-hand investigations which cover many aspects of the curriculum - scientific, social, environmental, historical. The pack is a collection of 30 "experiences" written by teachers and children and is illustrated by children's writing, printouts, graphs and diagrams. Also contains "help" sheets for Quest users (both BBC and RML 480Z), brief guides to Quest utilities and ideas on file creation. The pack, designed as a number of pull-out brochures within a wallet folder, will be of interest to teachers in both Primary and Secondary education.

Please specify machine version required.

7+

Puzzle

Northampton: Northamptonshire Computer Education Centre

198-

RM Nimbus; £20.00

Disk; documentation

Puzzles; Problem solving; Life skills; Primary education

A memory game designed around jigsaw puzzle type pictures, based on jumbled up squares of a variable size grid. Command menu with variable grid size, loading of files, directory of files. New pictures from PaintSPA can be used. Bulk purchase discounts and licences available - details from publishers.

7+

Puzzle palace

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £19.50 BBC Master Compact; £21.70 Acorn Archimedes; RM Nimbus; £24.50 RM Nimbus network; (up to 16 machines) £45.00; (up to 48 machines) £65.00 Econet; £58.50

Disk

Mathematics; Geography; Primary education; Secondary education; Puzzles; Problem solving; Adventure simulation

Encourages decision making, record keeping, logic, map-making skills and mathematical discussion as pupils try to make their escape from the Puzzle Palace by successfully completing mathematical activities.

Only specify 80t if you cannot use 40t disks.

9-13

Pyra

See: Third angle projection

Pyramid

See: Single switch programs

Pythagtest

Murphy, R.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1985

BBC B; £5.00

Disk

Mathematics; Geometry; Secondary education

Demonstrates and tests Pythagoras's Theorem.

Econet compatible

Pyxidium

See: Teaching with a micro : maths 5

Q

Parslow, G.R.

Cambridge: Biosoft

198-

IBM PC/PS2 and compatibles; £ 249.00

Disk; manual

Authoring aids; Content free programs

A comprehensive educational authoring system. Allows for free-form, true/false and multiple choice questions; incorporation of teaching materials of all kinds, including graphics and videodisk sequences. Supports multiple correct answers and specific response to errors, automatic result keeping, password restrictions, time limits and question shuffling. External programs can be run from within "Q"

5.25" or 3.5" disk; requires 256K RAM minimum; DOS 2.0 or later

Q and A plus

Last, Rex W.

Blairgowrie: Locheesoft

198-

BBC B; BBC B+; BBC Master 128; BBC Networks; £45.00

Disk

Language; English; Modern languages; Authoring aids; Infant school education; Primary education; Secondary education; Sixth form education; Further education

0947584544/633

A powerful question and answer authoring package for all major European languages, including Russian, with reinforcement and branching panel facilities. Can be linked to the Tandberg computer controlled tape recorder for audio work.

BBC 40t s/d DFS disk; will also run on ADFS or Network.

5+

Qadmin

Blow, David; Fraser, Malcolm; Porter, John

Birmingham: Hutchinson Software

198-

BBC; RML 380Z; RML 480Z ; £69.00

Disk

Schools; Administration; Timetables

Keeps a full record of every pupil from which form lists, pupil profiles, pupil option lists, examination entries and individual examination timetables can be produced.

BBC 40t s/s; BBC 40t d/s; BBC 80t s/d/s; BBC 3.5" drives; RML 380Z single density; RML 380Z double density; RML 480Z disk

Qadmin option module

Blow, David; Fraser, Malcolm; Porter, John

Birmingham: Hutchinson Software

198-

BBC; RML 380Z; RML 480Z

Schools; Administration; Timetables

Designed for schools with any kind of option scheme, whether fixed-block or free-choice system. Uses pupil data files set up by the main Qadmin packages; produces clash tables, fits, edits pupils' option packages.

BBC 80/40t; RML 380Z; RML 480Z

Qadmin plus : PC and Master versions

Blow, David; Fraser, Malcolm; Porter, John

Birmingham: Hutchinson Software

1987

BBC Master; RM Nimbus; Amstrad 1512

Schools; Administration; Timetables

New version of the main Qadmin package - which keeps a full record on every pupil, from which form lists, pupil profiles, pupil option lists, examination entries and individual examination timetables can be produced.

PC Qadmin Plus is designed to link with the PC version of TIX, and the datafiles are in Quest 16 format. Master Qadmin Plus datafiles are in the Viewstore format

Qbank

See: Census analysis

QED : explanation and proof

Derby: ATM (Association of Teachers of Mathematics)

198-

BBC; BBC B+; BBC Master; £13.00

Disk; booklet

Mathematics; Primary education; Secondary education; Puzzles; Problem solving

090009561X

5 programs to encourage discussion about the nature of proof in mathematics, offering problem solving exercises.

BBC 40t 5.25" disk

10+

Qgrab

Hatfield: Advisory Unit

1987

BBC B; BBC B+; BBC Master 128; Econet; £20.00

1 disk

Primary education; Secondary education; Databases

0 946039 66 6

Allows the user to capture data from the real world using sensors attached to the analogue port, store it in the Quest format and display it graphically.

7+

Qmap

Hatfield: Advisory Unit

1989

Quest

BBC B; BBC B+; BBC Master; BBC Master

0Compact; Acorn Archimedes; Nimbus; £20.00
RML 480Z; £12.00

0Geography; Primary education; Secondary
education; Databases

00 946039 72 0 Nimbus 1 85606 017 9 BBC

IPopular mapping program which allows you to
create your own base maps and display a
correctly scaled distribution map of the results
from a search by any version of Quest or Oriel
on geographical data

The BBC and Nimbus versions support the
PLOTMATE plotter and British Micro Grafpad
I and II (BBC only). Also plotter output for the
RML 480Z.

QSAR-PC

Coburn, R.A.

Cambridge: Biosoft

198-

IBM PC and compatibles; £ 99.00

Disk; manual

Sciences; Biochemistry; Adult education

A series of programs enabling investigation of
correlations between biological or chemical
properties and physiochemical property
variations produced by structural changes in a
series of congeneric drugs, employing an extra-
thermodynamic method using multiple linear
regression analyses. A largely menu driven
system, minimising user data entry. Includes
several databases of physiochemical constants
most often employed in PAR studies, which can
be expanded and customised by the user.
Includes easy to use editors.

3.5" or 5.25" disk. Requires 256K RAM
minimum, 512K recommended; DOS 2.0 or
later

18+

Qstats

Hatfield: Advisory Unit

1987

BBC B; BBC B+; BBC Master 128; BBC Master
Compact; Econet; £20.00

2 disks; 1 booklet

Mathematics; Statistics; Primary education;
Secondary education

0 946039 56 9

Displays statistics or statistical diagrams from
Quest or QUESTD datafiles, with bar charts,
pie charts, histograms, cumulative frequency
curves, frequency counts, averages, dispersion,
scattergraphs, chi square test and rank
correlation available. AMX mouse or cursor key
driven. Bulk order discounts available.

AMX mouse or cursor key driven.

7+

Quacker

See: Basic package

Quakes!

St. Just: MJP (Michael Jay Publications)

198-

BBC B; BBC B+; BBC Master; £14.95 RML
Nimbus; details from publishers

Disk

Geography; Sciences; General Certificate of
Secondary Education; A level examinations;
Secondary education; Sixth form education;
Further education; Simulation

A simulation/instruction program
demonstrating the significance of P. S & L
waves, teaching the calculation of epicentre
location from S-wave lag times. Includes
epicentre location simulation in Western USA.
BBC 40t disk unless otherwise requested.

12-16+

Quantum shuffle

See: WSS physics pack 2

Quantum shuffling

See: Nuffield physics pack

Quantum shuffling simulation

See: Physics software pack 2

Quark ed

London: Computers Unlimited

198-

Apple Macintosh; £895.00

10 disks; 10 manuals

Desktop publishing

A training pack offering full implementation of
the XPress application, but with a limit of 4
pages to the document and a footer printed on
each page indicating its production by the
training aid.

Works on current Macintosh systems with at
least 1Mb RAM; please check required
configuration.

Quark XPress : release 2.1

London: Computers Unlimited

198-

Apple Macintosh; £337.50

Disk

Desktop publishing

An electronic publishing system, featuring a
stand-alone word processor and spelling checker;
automatic text flow from column to column,
page to page; ability to lock objects on a page
when text is reflowed; ability to wrap text around
objects; support for spot colour separations;
ability to handle import of wide range of graphic
formats; style sheets; leading, kerning, tracing
and hyphenation; optional greeking; high
printing speeds; support for QMS Colour Script
laser printer; advanced graphics handling; ability
to work with full range of Pantone colours; high
degree of typographical control.

Works on current Macintosh systems with at
least 1Mb RAM; please check required
configuration.

Quartext

Johnson, Michael; Higgins, John

London: Longman

1986

BBC B; BBC B+; BBC Master; Apple; £40.00
MS DOS; £55.00 BBC Econet Level 2/3; £80.00

Disk

English; Language; English (second language);
Primary education; Secondary education

Four text-based activities for learners of English:
Hopscotch; Hide and seek; Tell-tale and Cheat -
all based on rebuilding a text by guessing the
words in it. Includes number of sample texts

Educational Software QSA - QUE

from Longman structural readers. Also serves
as base program for other Quartext titles, which
will not work without it

BBC 80t only; programs convertible by user for
Master Compact. MS/DOS 3.5"/5.25" disk for
IBM compatible computers, XT, AT and PS/2
machines with 512K memory and DOS 2.0 or
higher; Nimbus PC with 1MB memory &
IBMulator. Apple II+, IIe, IIfx and IIGs, under
DOS 3.3. Programs convertible to PRODOS by
user

11-15

Quartext textfiles

Abbs; Freebairn; Kingsbury; O'Neill; et al

London: Longman

198-

BBC B; BBC B+; BBC Master; Apple; £15.00
MS DOS; £20.00 BBC Econet Level 2/3; £30.00

Disk

English; Language; English (second language);
Primary education; Secondary education

Textfiles for use in conjunction with basic
Quartext package. Cannot be run independently.
Contents: Kernel 2; 3; Longman FCE; Building
strategies; Developing strategies; Longman
structural readers

BBC 80t only; programs convertible by user for
Master Compact. MS/DOS 3.5"/5.25" disk for
IBM compatible computers, XT, AT and PS/2
machines with 512K memory and DOS 2.0 or
higher; Nimbus PC with 1MB memory &
IBMulator. Apple II+, IIe, IIfx and IIGs, under
DOS 3.3. Programs convertible to PRODOS by
user

11-15

Quartext textloader

Johnson, Michael

London: Longman

198-

BBC B; BBC B+; BBC Master; Apple; £35.00
MS DOS; £40.00 BBC Econet Level 2/3; £60.00

Disk

English; Language; English (second language);
Primary education; Secondary education;
Authoring aids

Enables teachers to enter own texts for use with
Quartext. Can only be used with Quartext

BBC 80t only; programs convertible by user for
Master Compact. MS/DOS 3.5"/5.25" disk for
IBM compatible computers, XT, AT and PS/2
machines with 512K memory and DOS 2.0 or
higher; Nimbus PC with 1MB memory &
IBMulator. Apple II+, IIe, IIfx and IIGs, under
DOS 3.3. Programs convertible to PRODOS by
user

11-15

Queen of hearts

See: Adventure playground

Queen of hearts

See: Teletype

Quelle tete! and Jeu des menages

Jones, Barry; Daly, Fred; Brodzki, Wac;
Homerton College, Cambridge

Cambridge: Cambridge Micro Software
1984

BBC B; BBC B+; BBC Mater; £22.50 Apple Macintosh; £25.00 Econet; £37.50

1 disk; 1 booklet

Modern languages; French; Secondary education

0521264014 (BBC 40t); 0521329051 (Econet 80t) 0521306809 (BBC 80t); 0521321344 (Apple disk)

These two programs aim to extend the users French vocabulary by graphic illustrations of meanings. Quelle tete invites users to choose and draw features on a face with the computer. In Jeu des menages, the user arranges furniture in a house - which may result in unexpected and amusing illustrations.

BBC machines use 40/80t disk; Econet requires 80t disk

11-14

Quest

Hatfield: Advisory Unit
1983

BBC B; BBC B+; BBC Master 128; RML 380Z; RML 480Z; Acorn Archimedes; £27.00

2 cassettes; 1 booklet

Primary education; Secondary education; Databases

0 946039 11 9

Allows user to interrogate data in both simple and complex ways to select just the records required. A ROM is included for the BBC version. Bulk order discounts available.

Includes ROM for BBC.

7+

Quest and Qmap in the geography curriculum

Hatfield: Advisory Unit
198-

Quest in the curriculum

BBC B; RML 380Z; RML 480Z; RM Nimbus; IBM PC; £15.00

Disk; book

Geography; Primary education; Secondary education

0 946039 29 1

Four practical examples showing how Quest has been used in secondary schools to create and question datafiles for topics on urban fieldwork, population and climate. There are hints about the best ways of using Quest if you have one computer per class as well as a guide to Quest geography data from the Advisory Unit.

Please specify machine version required.

7+

Quest data: composite pack

Advisory Unit

Hatfield: Advisory Unit
198-

Quest datafiles

BBC B; BBC B+; BBC Master 128; BBC Master Compact; Econet; Acorn Archimedes; IBM PC and compatibles; RML 380Z; RML 480Z; RM Nimbus; £7 0.00

Disks; booklets

Electronics; Home economics; Geography; Environmental education; Databases; Primary education; Secondary education; Information handling

Five datafile packs: Accidents; Bird File;

Electrical equipment; Food and recipes; Weather. Available separately. Bulk order discounts available.

Please specify machine version required.

7+

Quest image for sideways RAM

Hatfield: Advisory Unit

1986

BBC B; BBC B+; BBC Master 128; Econet; £20.00

1 disk; booklet

Databases; Information handling; Primary education; Secondary education

An image of the QUEST ROM for loading into sideways RAM. Bulk order discounts available.

7+

Quest in history

Wild, Martin

Hatfield: Advisory Unit

1986

Quest in the curriculum

BBC B; BBC B+; RML 380Z; RML 480Z; RM Nimbus; IBM PC; £15.00

1 disk; 1 booklet; 1 command and question formula sheet

History; Databases; Information handling; Secondary education

0 946039 27 5

Explores the use of Quest in teaching and learning history, suggesting teaching ideas and approaches to topics such as Plague, Second World War, Northern Ireland. Contained in Quest in the curriculum pack (£40.00). Bulk order discounts available.

Please specify machine version required.

7+

Quest in home economics

Hodgkinson, Dodie

Hatfield, Herts: Advisory Unit

1986

Quest in the curriculum

BBC B; Archimedes; RML 480Z; RM Nimbus; IBM PC; £15.00

1 disk; 2 booklets; 1 command card

Home economics; Information handling; Primary education; Secondary education; Databases

0 946039 28 3

Demonstrates the use of QUEST in storing and making selective use of information; presenting survey and questionnaire results; organisation and management in the Home economics classroom. Uses include: nutrients in food, additives, textiles, accident statistics, shopping habits, food likes and dislikes, packing, class records, resources and recipes. Contained in Quest in the curriculum pack (£40.00). Bulk order discounts available.

Please specify machine version required.

7+

Quest in the curriculum

Hatfield: Advisory Unit

198-

Quest in the curriculum

BBC B; RML 380Z; RML 480Z; RM Nimbus; IBM PC; £40.00

Disk; book

Cross curriculum; Information handling; Databases; Home economics; History; Geography; Primary education; Secondary education

Contents: Starting QUEST; QUEST in Home economics; QUEST in History; QUEST and QMAP in the Geography curriculum. Packs available separately (£15.00 each). Bulk order discount available.

Please specify machine version required.

7+

Question mark

Question Mark Computing

London: Question Mark Computing; Wight Scientific

1989

IBM PC and compatibles; £98.00 MS DOS; £98.00

Disk

Authoring aids; Secondary education; Sixth form education; Further education; Language; Cross curriculum; Utilities

A software package for producing tests, examinations and questionnaires. Allows tutor to enter up to 500 questions - multiple choice; numeric; fill in blanks; word answer; free form ranking; multiple select; and explanations - on any topic. Students can answer questions at the computer. Computer marks answers flexibly and intelligently, and analyses them for the tutor. Site licences available. Free demonstration disk available.

Requires 384K memory, any display, hard or floppy disks. Runs on PC emulators of Nimbus and Archimedes computers. MS/DOS 3.5/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC

Questionmaster

Williams, Tony; Davies, Graham

Birmingham: Hutchinson Software

198-

BBC; PET; RML 380Z; Apple II; £26

Disk or cassette

Schools; Administration

Enables teachers easily to write own teaching/testing programs (CAL routines). Produces a ready-to-run tape/disk from which students can work. Requires no knowledge of programming.

BBC disk or cassette; PET disk or cassette; RML 380Z disk; Apple II disk

Questions and answers

RCEVH (Research Centre for the Education of the Visually Handicapped)

Oldham: Northwest SEMERC

198-

BBC B; BBC B+; BBC Master 128; IBM PC; RML Nimbus; £7.00

Disk; documentation

Special educational needs; Life skills; Reading skills; Infant school education; Primary education;

For young children including the visually handicapped with some sight and reading skills or those with no sight using a speech synthesiser. Assists in development of reading, matching and scanning skills. Each exercise consists of up to

10 tasks, each consisting of up to 5 sentences. When an exercise has been completed, a report can be shown and printed.

Input via BBC keyboard or micrex box and switch or Concept keyboard or Touchscreen or Micromike or Analogue switch. Optional speech synthesiser.

5+

Quest16

Hatfield: Advisory Unit
1985

RM Nimbus; £25.00

1 disk; 1 booklet

Databases; Information handling; Primary education; Secondary education

0 946039 15 1

A version of QUEST designed to exploit the facilities of the RM Nimbus. Bulk order discounts available.

7+

Quest16 utilities

Hatfield: Advisory Unit
1986

RM Nimbus; £30.00

1 disk; 1 booklet

Primary education; Secondary education; Databases; Information handling; Utilities

0 946039 36 4

Utilities for use with QUEST16 - includes facilities for bar charts, piecharts, scattergrams and keyword listing, elementary statistics and editing of the header-block of QUEST datafiles. Bulk order discounts available.

7+

Quest64

Hatfield: Advisory Unit
198-

BBC Master 128; BBC Master Compact; £30.00

Disk; booklet

Databases; Primary education; Secondary education; Information handling

0 946039 51 8

A powerful version of QUEST holding up to 64K data. Features include 40/80 column display; true numeric sorting; reading QUESTD files; controlling video disk player, etc. Bulk order discounts available.

Master 128 and Master Compact 80t ADFS disks; BBC Master s/s 40t DFS disk. Please specify machine version required. Runs on network.

7+

Quickcalc

St Albans: Beebugsoft Ltd
198-

IBBC B; BBC Master 128; Master Compact; £18.00 (£13.50 members' discount price);

1 Disk; manual; keystrip

Utilities; Spreadsheets; Information handling; Databases; Secondary education; Sixth form education; Further education

A spreadsheet storing data on a large matrix which may be windowed across the screen. Features include load; save; print; goto; replicate; histogram, etc.

3.5" Master Compact disk
12-16+

Quickdraw

Street: Selective Software
198-

BBC B; BBC B+; BBC Master 128; £12.00 BBC Master Compact; £14.00

Disk

Art; Design; Primary education; Secondary education; Computer graphics

An easy to use on-screen drawing package, for complex drawings, diagrams, art, or just doodling. Single keystrokes give lines; circles; sectors; arcs; triangles in any of four colours; airbrush effect; choice of background/foreground colours; option to include text. Sample display on disk.

BBC B 5.25" 40 or 80t disk; BBC Master Compact 3.5" disk.

8-15

Quickshare

Exeter: Maxima Communications plc
198-

Apple Macintosh; £345.00

Disk

Communication

Provides a high-speed data link between a Macintosh and IBM PC/XT, AT or compatible. Allows file transfer and translation between systems, and sharing of PC storage devices by a Macintosh. A SCSI port is provided for the PC which may be connected to the Macintosh SCSI port, and the PC remains fully functional while QuickShare is in use. A simple method for transferring out data, including page formatting and graphics from almost any PC-based program to MacWrite or MacPaint format.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Quicktrack

See: Information technology for craft, design and technology

Quite-Write

Bartholomew, Anna; Ramsay, Tony

Longbridge Deverill, Warminster: Soft Teach Educational

1987

BBC B; BBC B+; BBC Master 128; £20.00 BBC Network; £40.00

Disk; manual; reference card; workcards

Utilities; Word processing; Primary education; Secondary education

0948808551

A disk based word processor designed specifically to introduce word processing principles in schools: easy to use; WYSIWYG; includes normal delete, insert, move, copy, layout, find etc. Functions with a wide range of printer control. Bulk purchase discount available.

BBC 5.25" disk

8-16

Q-cal authoring system

Garland, John M.

Educational Software QUE - RAD

Plymouth: Garland Computing
1987

BBC B; BBC B+; BBC Master 128; £44.50 RM Nimbus; Acorn Archimedes; £47.00 IBM PC compatibles; details from publishers Nimbus network; £64.65 Econet; £62.15

Disk

Authoring aids; Cross curriculum

A flexible set of programs allowing the teacher to create banks of questions for use either by groups or individual students - permits a wide variety of question types including multiple choice; multiple completion; free format words or phrases; numerical answers, with up to 4 correct answers specified for each question. Features numerical and spelling checking. Site licences, multiple copy discounts available; details from publishers

BBC 40 or 80t (please specify). RM Nimbus versions supplied with BBC- BASIC.

12+

Rabbit

See Adding and subtracting/pathfinder

Race

See: Early maths suite

Race track

See: Games : disk 5

Racing games pack

Leamington Spa: SPA (Software Production Associates)

198-

RML £380Z; RML 480Z; £10.00 RML 480Z Network; £23.00

Disk

Life skills; Infant school education; Primary education; Computer games

Contents: Overtake, a game requiring judgement and timing to accelerate past other drivers; Night Racer, a game requiring fine control of speed and road positioning.

Programs run on machines with either CGA; EGA or VGA graphics.

5-11

Radar

See: Science in process : pack 1

Radar

1855720388

See: Pathway to bearings : Suite C

Radiation and waves

Stefanowski, A.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1988

BBC B; BBC Master 128; £6.50

Disk

Physics; Sciences; A level examinations; General Certificate of Secondary Education; Secondary education; Sixth form education

9 programs covering: Rayleigh's Criterion, lenses, diffraction, refraction, ionization energies, radioactive decay, simple harmonic motion, radiation laws, parallel resonance, battery power.

14-18

Radiation game

UKAEA; Computers in the Curriculum Project, King's College, University of London

London: UKAEA (United Kingdom Atomic Energy Authority)

1990

BBC B; RM Nimbus; £10.00

Disk; teachers' notes; pupil notes

Databases; Information handling; Data processing; Sciences; Physics; Secondary education; General Certificate of Education

The aim of the radiation game is to familiarise pupils with the different types of radiation and some of the methods by which they can be differentiated

13-16

Radioactive decay

Harlow: Longman Micro Software

198-

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; £19.50 BBC Econet; SJ file server; AMCOM E-Net; £30.00

Disk

Physics; Secondary education; Sixth form education; Further education

Laboratory investigations/models of simple and series radioactive decay phenomena.

BBC 40t, 5.25" DFS disk; BBC 80t, 5.25" disk

13-19

RAF (Random Access Files) : version 4

Leamington Spa: SPA (Software Production Associates)

1986

RM Nimbus ; £28.00 RM Nimbus Network; £72.00 RML 380Z; RML 480Z; £20.00 RML 480Z Network; £59.00

1 diskette, s/s; 1 booklet; 1 instruction sheet

Data processing; Information handling; Utilities; Primary education; Secondary education; Sixth form education; Further education; Schools; Administration

Improvements to Basic. Provides commands enabling you to directly read from and write to, any point in a file. Up to 255 files can be used at once, and may be referred to by their names, or by special channel numbers.

SBAS; Basic V.5; RM Nimbus Basic; Research machines only. Extra manuals £4.00.

5-16+

Ragtime 2

Haslingden: Principal Distribution Ltd.

198-

Apple Macintosh; £495.00

Disk

Business education; Desktop publishing; Word processing; Computer graphics; Spreadsheets

Provides desktop publishing, word processing, graphics and spreadsheet capabilities. Word

processor offers simple Macintosh interface with scroll bars, multiple rulers, word wrap and the basic Ragtime frame principle. Snap to grid feature available, with ability to add selection of borders. Allows graphics in MacPaint, PICT, TIFF, FOTO and EPSF formats to be imported, resized and centred in frames; text to be coloured; text to flow from one frame to another as in multiple column work. Spreadsheet provides 253 rows and columns with individually definable font size, and width; date functions; 60 separate functions. Site licensing agreement available.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Raiders

Thistleton, R.; Dary, John; Io Software; et al.

Gravesend: Fernleaf Educational Software Ltd 1984

BBC B; BBC B+; BBC Master; (disk) £11.26 BBC B; (cassette) £8.65

1 disk or cassette; 1 documentation booklet

History; Primary education; Secondary education

Contained in Viking England. Allows children to explore the experiences of the Vikings as they choose a sea route, make a landing, set up camp and send out scouting and raiding parties

Operating system 1.2.

9-13

Railway drama

Dary, J; Roman, C

Gravesend: Fernleaf Educational Software Ltd 1985

Fernleaf Dramas

BBC B; BBC B+; BBC Master 128; BBC Master Compact; £39.95

2 disks; documentation

Mathematics; Creative writing; Geography; History; Environmental education; Databases; Puzzles; Problem solving; Cross curriculum; Primary education; Secondary education

Users have to plan a railway for the West Vale - a quiet, rural area; then work out a timetable for passenger trains. As time progresses, the railway becomes less profitable and changes are needed to ensure its continuation. The program includes a databank with information on communications, industries, towns, farms, landowners and villages. The main program is organised into three acts - the planning; the timetable and the decline. Also available in Railway resources pack.

Please state make/model of computer; network system; disk size and printer.

10-14+

Railway game and 13 problems

Doncaster: RESOURCE

198-

BBC B; BBC Master 128; £14.50

Disk; documentation

Puzzles; Problem solving; Computer games; Primary education; Secondary education

Designed to develop thinking skills. LEA/Regional licences and bulk purchase discount available.

BBC B/Master 5.25" 40t DFS; 80t DFS available - £1.50 surcharge per disk.

8-15

Railway resources pack

Gravesend: Fernleaf Educational Software Ltd 198-

BBC B; BBC B+; BBC Master 128; BBC Master Compact; £59.95

2 disks; documentation; video cassette; wall charts

Mathematics; Creative writing; Geography; History; Environmental education; Databases; Puzzles; Problem solving; Cross curriculum; Primary education; Secondary education

Contains the Railway Drama program; the Kent and East Sussex Railway video cassette; and the Rail History Poster pack of 32 wall charts.

Please state make/model of computer; network system; disk size and printer.

10-14+

Railways : East Anglia

Norwich: ITV Schools

1990

Key datafiles

BBC B; BBC B+; BBC Master 128; £17.25 RM Nimbus; £18.40 Acorn Archimedes; details to be announced

1 disk; User's notes; Information sheets; Worksheets

History; Primary education; Secondary education; Information handling

Datafile for use with Key. For use when looking at the Industrial Revolution and 19th/20th century history. Gives information on the stations within the region, such as date of opening, railway companies involved, grid references, and details of passenger and freight use. Also provided is information on the nearest settlement to each station.

BBC, 5.25" DFS; Converts for Key 128 or Key Econet

8-18+

Rain cloud

See: Spot on games

Rainbow (4 colour)

Tunbridge Wells: Compaid Trust

198-

BBC B; £5.00

Disk

Special educational needs; Art; Design

Allows sophisticated artwork to be drawn using 2 switches, and printed out on an Epson compatible or Canon colour ink jet printer

BBC 80t 5.25" DFS disk (please specify if 40t required). Runs with 2 switches connected to the two fire button inputs at the back of the BB B

Rainbow (8 colour)

Tunbridge Wells: Compaid Trust

198-

BBC Master 128; £5.00 Acorn 6502; BBC Master Compact; £10.00

Disk; manual

Special educational needs; Art; Design

Allows sophisticated artwork to be drawn using 2 switches, and printed out on an Epson compatible or Canon colour ink jet printer.

BBC 80t 5.25" DFS disk (please specify if 40t

required); requires Acorn 6502 second processor. Runs with 2 switches connected to either the two fire button inputs at the back of the BBC B or Master, or the left and right joystick controls of the Master Compact

Rainbow river

Morris, Steve H.
Cambridge: Cambridge Micro Software
1986
Programs for Young Scientists
BBC B; BBC B+; BBC Master; £17.50
1 disk; 1 booklet
Sciences; Environmental education; Geography;
Primary education; Secondary education;
Computer simulation
0521339529
The challenge to the user is to clean up a polluted river and so bring back the rainbow trout - the symbol of an unpolluted river.
40/80t
10-15

Rainbow/MAC

Edinburgh: Edinburgh University Computer Service
1990
Apple Macintosh; details from publishers
Disk
Communication; Utilities
Supports a comprehensive set of the Colour Book Protocols - Green Book; Blue Book; Yellow Book; Pink Book.
Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Rally A and B

Loughborough primary micro project
Harlow: Longman Micro Software
198-
BBC B; BBC B+; BBC Master 128; £19.50
Disk
Mathematics; Secondary education; Special educational needs; Computer games
Car rally games, giving practice in the rules of addition, subtraction, multiplication and division. Both games offer 4 difficulty levels, and are based on a car visiting 5 towns, guided by the pupil who has to answer maths questions correctly when it runs out of petrol.
BBC 40t, 5.25" DFS disk
11-14

Ramayana tales : a program for the young publisher

Drum, Julia; Allen, Derek; Upton, Ian (et al.)
London: BBC Enterprises / Longman-Logotron
1988
BBC B; BBC B+; BBC Master 128; £16.50
11 disk (40t, 80t); documentation(1 booklet); 4 A4 concept keyboard overlays; 1 key strip
English; Language; Desktop publishing; Cross curriculum; Art; Design; Primary education; Infant school education
00563228903
A simple desktop publishing program that

enables young children to create, using words and pictures, their own version of the Ramayana
6-9

Random access database

Exeter: Minerva Software
198-
Amstrad CPC 6128; 664; 464; £29.95
Disk
Databases
A random access database; records found in seconds. Includes many advanced features

Random arrangement

See: Physics software pack 2

Random arrival of photons

See: Physics software pack 2

Random walk

See: Physics software pack 1

Random walk

See: WSS physics pack 2

Rapid display

Chepstow: AVP Computing
198-
BBC B; BBC B+; BBC Master 128; BBC Master Compact; £24.50
Disk; notes
Cross curriculum; Utilities
Allows pupils to make a TV display of up to 50 screens; automatically centres large texts and symbols. Allows own symbols for designs to be created. Print option for Epson compatible printers.
Only specify 80t if you cannot use 40t disks.

Rapids

See: Arcade challenge

Rates of reaction

Coleman, Terry
Plymouth: Garland Computing
1989
BBC B; BBC B+; BBC Master 128; £17.65 RM Nimbus; Acorn Archimedes; £20.00 Nimbus network; £37.65 Econet; £35.30
Disk
Chemistry; Simulation; Secondary education; Sixth form education; Further education
A simulation of a typical chemical experiment, allowing students to observe the effects of temperature, concentration, particle size and agitation on an acid-carbonate reaction. Diagrams, tables and graphs of results are displayed on screen, and may be printed out. Site licences, multiple copy discounts available; details from publisher
BBC 40 or 80t (please specify). RM Nimbus versions supplied with BBC- BASIC
14+

Rates of reaction

See: Physical chemistry pack

Rates of reaction

Longman/Logotron
Computers in the Curriculum
BBC; £21.00 BBC Network; RM Nimbus; £33.00
Chemistry; Sciences; Secondary education; Sixth form education; Further education
Students investigate the effect of reaction conditions
14-19

Rates of reactions

Chepstow: AVP Computing
198-
BBC B; BBC B+; BBC Master 128; £24.50
Disk
Chemistry; Secondary education; General Certificate of Secondary Education
Teaches the determinants of rates of reactions, starting from the main aim of each experiment, using apparatus lists, fully labelled diagrams and detailed methods, through to entering results in tables and analysing them in the form of graphs and explanation via chemical equations. Printout facility.
Only specify 80t if you cannot use 40t disks.
13+

Rats in the barn

See: Farm

Ray trace dimensions

See: Dimensions

Raybox

See: Problems and investigations in the primary school using the microcomputer as a resource : pack 1

Rays and waves

Bate, Mike
Longbridge Deverill, Warminster: Soft Teach Educational
1987
PhysiCATsoft programs
BBC B; BBC B+; BBC Master 128; £24.00 Acorn Archimedes; £26.50 Network; £48.00
Disk; manual
Sciences; Physics; Computer graphics; General Certificate of Secondary Education; Secondary education; Sixth form education
0948808306
Includes 12 programs covering refraction of rays; reflection and refraction of waves; longitudinal sound waves; superposition; modulation; amplitude; frequency modulation; diffraction; multi-slit grating; diffraction; Young's slits; propagation of sound; doppler shift effect. Bulk purchase discount available.
BBC 5.25" disk; Archimedes 3.5" disk
11-18

RCL

Clayton, P.

Houghton-on-the-Hill, Leicester: MUSE
(Microcomputer Users in Education)

1985

BBC B; £8.00

Disk; Documentation

Physics; Secondary education

Menu driven program designed to aid the teaching of ac theory with RC, RL and RCL series circuits.

Reach for the stars

Langley, Nr. Slough: Electronic Arts Ltd

198-

Amiga; £24.99

Disk

Computer games

Reactions

See : Balancing half equations, reactions and periodic table

Reactions database

See: Organic chemistry 1: Aliphatic reactions and 2: Aromatic reactions

Reactions, blindspot and body types

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £19.50 BBC Master Compact; £21.70 RM Nimbus; £24.50

Disk

Biology; Secondary education; Computer games

Contents: Reaction (a game to test reaction speed under selected road conditions, demonstrating reaction times to light and sound stimuli; Blindspot (explains simple eye structure, demonstrating and measuring size of user's right eye blind spot); Body types (the three morphological types).

Only specify 80t if you cannot use 40t disks.
12-16**Reactivity series**

See : Structure and bonding

Readability

Pears, M.

Ashton-under-Lyne: Granada Educational Software

1989

BBC; RML 480Z; RML 380Z; £9.00

Disk

Reading skills; Infant school education; Primary education

A classification system for books by reading age.

Disk 5.25"

5-11

ReadabilityHoughton-on-the-Hill, Leicester: MUSE
(Microcomputer Users in Education)

1988

BBC B; £3.00

Disk; Documentation

English; Language; Reading skills

Allows user to assess the readability of a piece of text by calculating the Flesch, Smog and Fog indices for it.

Readability reckoning : matching reading and readers

Waddell, John

Leeds: Arnold-Wheaton Software

198-

BBC B; BBC B+; BBC Master 128; £12.50

1 disk (40t); 1 booklet

Language; English; Reading skills; Infant school education; Primary education

This revised and extended version of the Readability program helps to match the reading material to the pupils needs. Each readability test is explained so the teachers can choose the most appropriate to apply. Contents: Mugford readability formula; Flesch reading ease formula; Flesch reading level; Powers-Sumner-Kearle formula; FOG formula; SMOG formula; FORcast formula; FRY graph

Adult

Readamatics

Payne, Jim

Harlow: Longman Micro Software

198-

BBC B; BBC B+; BBC Master 128; £30.00

Disk; teacher's instructions

English; Reading skills; Secondary education

Develops reading skills through cloze exercises; includes ready-prepared passages and poems; option for teacher written and edited passages; and facility to allow teachers to test reading age of any passage.

BBC 40t, 5.25" DFS disk

11-16

Reader

See: Science in process : pack 6

Reader

RCEVH (Research Centre for the Education of the Visually Handicapped)

Oldham: Northwest SEMERC

198-

BBC B; BBC B+; BBC Master 128; IBM PC and compatibles; RML Nimbus; £7.00

Disk

Special educational needs; Life skills; Infant school education; Primary education; Reading skills

For visually handicapped people with enough sight to read a closed circuit television screen. Provides access to information in standard text files in the form of large characters and/or speech synthesized output.

IBM input via PC keyboard or IBM joystick or Microsoft-compatible mouse; Nimbus input via

keyboard or joystick or mouse. Optional speech synthesiser.

5+

Reading aid 1

Hitchin: James Nisbet & Co Ltd

198-

BBC B; £13.50

1 disk; full documentation

Language; English; Reading skills; Primary education

072021470X

8 programs - 4 tackling errors of reversal and 4 substitution problems picked up from miscue analysis of student reading.

6-10

Reading aid 2

Hitchin: James Nisbet & Co Ltd

198-

BBC B; £13.50

1 disk; full documentation

Language; English; Reading skills; Primary education

0720214718

8 programs to develop decoding and prediction skills through cloze work. Covers simple word choice; phonic starts; colour links; rhyme clues word form; anticipation; consonant blends and similar endings.

6-10

Reading aid 3

Hitchin: James Nisbet & Co Ltd

198-

BBC B; £13.50

1 disk; full documentation

Language; English; Reading skills; Primary education

072021476

6 longer programs which extend the cloze work of Reading aid 2. Units are centred on topics - My birthday; The fair; The seaside; The circus - Animals; Football

6-10

Reading corner : folk tales

Innocent Software; Riordan, James; Steele, Susanna

London: BBC Enterprises / Longman-Logos
1989

BBC B; BBC B+; BBC Master; £12.95

1 disk (40t); 1 booklet

Primary education; Reading skills; English; Language; Spelling

0563229330

Produced in conjunction with the BBC School Radio series "Reading Corner".

7-11

Reading for English

Jones, Christopher; Morrow, Keith; WIDA software

Oxford: OUP (Oxford University Press)

1990

Oxford English CALL software
IBM PC and compatibles; c. £50.00
4 disks; documentation

English; Reading skills; Language; Primary education; Secondary education

Disks : 0194582825 (level 1); 0194582922 (level 2); 0194583023 (level 3); 0194583120 (level 4)
User guides : 019458285X (level 1); 0194582957 (level 2); 0194583058 (level 3); 0194583155 (level 4)

Software based on stories first published in the Streamline Graded Readers series, offering a wide variety of reading and text manipulation activities in pre-reading; word and text study; search questions; recognizing words; sentence building; linking sentences; find the missing words and quick questions. Based on a range of texts from elementary level upwards. Score display option. Contents: Level 1 (The locked room); Level 2 (The Eyes of Montezuma); Level 3 (Life Lines); Level 4 (Space affair). From beginner to lower-intermediate level

7+

Reading kit

Chepstow: AVP Computing
198-

BBC B; BBC B+; BBC Master 128; £45.00

Disk; manual

English; Reading skills; Spelling; Primary education; Secondary education; Special educational needs

A series of 15 programs for remedial reading - allows teacher vocabularies to be accommodated with 3 server programs which also print lists, game-cards, quizzes, anagrams and work-cards. Includes 3 programs for direct phonic teaching; 3 group spelling activities; two group quiz versions; and a group/class game for targeting reading stages.

Only specify 80t if you cannot use 40t disks.

5-14

Reading pack 1

Swansea: HS Software

1986

Read-right-away

Electron; BBC B; BBC B+; BBC Master 128; Spectrum; Commodore CBM 64; Amstrad 464 (cassette); £7.95 BBC B; BBC B+; BBC Master 128; BBC Master Compact; Atari ST; Spectrum +3; Amstrad 6128 (disk); £11.95

Disk; booklet

Reading skills; Spelling; Language; Infant education; Primary education; Computer games; Computer graphics

Contents: Program 1: Splashdown (word building with simple letter sounds, as players in an exciting air-sea battle type suitable letters to complete their "word boast"); Program 2: Firefight (using sl, sm, sn, sp, st, sw, bl, br, cl, cr, dr, dw, fl, fr, gl, gr, pl, pr, tr, tw, players rescue the heroine from a burning building by bridging burning holes in the "floors" with pairs of letters).

Spectrum cassette; Commodore CMB 64 Cassette; Amstrad 464 Cassette; Electron cassette; BBC cassette; BBC 40 or 80t disk; Master Compact 3.5" disk; Atari ST disk; Spectrum +3/Amstrad 6128 3.0" disk

5-8

Reading pack 1A

Swansea: HS Software

1989

BBC B; BBC B+; BBC Master 128; BBC Master Compact £14.95

Disk; booklet

Language; Reading skills; Spelling; Infant school education; Primary education; Computer games; Computer graphics

Contents: Program 1: Bert + Dick (helps children discriminate between the letters "b" and "d" as children move Bert the bear and Dick the duck into their correct seats in time for a circus show. 6 skill levels available); Program 2: Magic spelling (3 games, each with 4 skills levels, for up to 4 players: Magic Box (letter and word shapes); Magic Blocks (jumbled words); Magic cards (word is shown on front of cards; cards turn over, and as player retypes word the cards are turned back, a letter at a time).

BBC 40 or 80t disk; Master Compact 3.5" disk

5-8+

Reading pack 2

Swansea: HS Software

1986

Read-right-away

Electron; BBC B; BBC B+; BBC Master; Spectrum; Commodore CBM 64; Amstrad 464 (cassette); £7.95 BBC B; BBC B+; BBC Master 128; BBC Master Compact; Spectrum +3; Amstrad 6128 (disk); £11.95

Disk; booklet

Reading skills; Spelling; Language; Infant education; Primary education; Computer games; Computer graphics

Contents: Program 1: Pyramids (using ch, sh, th, wh, the player builds a pyramid by choosing the correct pairs of letters to complete word endings); Program 2: Sploosh (using ee, oo, ea, ou, oi, oa, ai - the player uses his swimmer to select pairs of letters to drop into a 'diving board' consisting of words with missing letters).

Spectrum cassette; Commodore CMB 64 Cassette; Amstrad 464 Cassette; Electron cassette; BBC cassette; BBC 40 or 80t disk; Master Compact 3.5" disk; Spectrum +3/ Amstrad 6128 3.0" disk

6-9

Reading pack 2A

Swansea: HS Software

1987

Read-right-away

BBC B; BBC B+; BBC Master 128; Electron (cassette); £7.95 BBC B; BBC B+; BBC Master 128; BBC Master Compact; (disk); Acorn Archimedes; (disk) £11.95

Disk; booklet

Reading skills; English; Infant school education; Primary education; Computer games

Contents: Soundsport (players compete in 4 activities involving word endings as they try to win the coveted prize from the beauty queen); Skatechase (a skateboard chase - through flames and over ramps - to avoid the killer shark and monster fish in activities involving the vowel consonant digraphs).

BBC cassette; Electron cassette; BBC 40 or 80t disk; BBC Master Compact 3.5" disk; Archimedes 3.5" disk

6-9

Reading pack 3

Swansea: HS Software

1986

Read-right-away

Electron; BBC B; BBC B+; BBC Master 128; Amstrad 464 (cassette); £7.95 BBC B; BBC B+; BBC Master 128; BBC Master Compact; Amstrad 6128 (disk); £11.95

Disk;

Reading skills; Spelling; Language; Primary education; Computer games; Computer graphics

Contents: Program 1: Magic "E" (players with the aid of a witch on a broomstick manoeuvre a magic "E" until it is correctly over the ends of words, as they endeavour to rescue a damsel in distress); Program 2: Break-in (the player has to find burglars hidden behind soft "c" and soft "g" sounds).

Amstrad 464 Cassette; Electron cassette; BBC cassette; BBC 40 or 80t disk; Master Compact 3.5" disk; Amstrad 6128 3.0" disk

7-10

Reading pack 3A

Swansea: HS Software

1987

Read-right-away

BBC B; BBC B+; BBC Master (cassette); £7.95 BBC B; BBC B+; BBC Master 128; BBC Master Compact (disk); Acorn Archimedes; £11.95

Disk;

Language; Reading skills; English; Primary education; Computer games

Contents: Monsterhunt (user helps spaceman search out the silent letter monsters); Surfari (user helps surfer brave crocodiles, monsters, waves and the sea in his tasks involving -ti-; -si-; -ci-).

BBC cassette; BBC 40 or 80t disk; Compact 3.5" disk; Archimedes 3.5" disk

7-10

Reading pack 4

Swansea: HS Software

1986

Read-right-away

Electron; BBC B; BBC B+; BBC Master 128; (cassette); £7.95 BBC B; BBC B+; BBC Master 128; BBC Master Compact; £11.95

Disk;

Reading skills; Spelling; Language; Primary education; Computer games; Computer graphics

Contents: Program 1: Sortout (a crane and two workmen help players sort a random pile of letters/words into alphabetical order, constructing a building in the process); Program 2: Letterbugs (players, given a series of 8 words (from 15 categories) hidden behind lines of coloured squares, have to discover or guess the hidden words, with a "letterbug").

Electron cassette; BBC cassette; BBC 40 or 80t disk; Master Compact 3.5" disk

8-11

Reading patterns

Swansea: HS Software

1989

BBC B; BBC B+; BBC Master 128; BBC Master Compact; £9.95

Disk; manual; keystrip

English; Language; Reading skills; Spelling; Mathematics; Primary education; Computer games

2 games to help children learn written language patterns. Game 1: Newplay displays text on screen with chosen letters displayed or hidden, or every 2 to 10 words deleted, for Cloze

exercises. Game 2: Enterchange is a sequencing game in which the player has to sort a jumbled text or series of letters, words, or numbers into the correct order. Includes facility to print to Epson compatible printers; and teacher controlled 'rude word' filter.

BBC 40 or 80t disk; Master Compact 3.5" disk 7-12

Reading writing course

Henley-on-Thames: LCL

198-

BBC B; BBC B+; BBC Master; BBC Master Compact; £24.00

Disk/tape; 2 books; audio tape

Reading skills; Creative writing; Special educational needs; Preschool education; Infant School education; Primary education; Computer graphics

A 24 program course using animated graphics, speech and books, teaching young children to read and write. The course covers the letters; their names; sounds; how to write them; a series of word activities; creative writing and book reading. If purchasing other courses, special offer of £5.00 off total for 2 courses; £10 off for 3; £17.00 off for 4

Tape/disk/3.5" disk (please specify) 3-11

Reading 360 level 10 microcomputer software

Liebling, C.; Liebling, H.; Burnes, R.

Aylesbury: Ginn & Co Ltd

1986

Reading 360

BBC B; BBC B+; BBC Master; £19.65

1 disk; 1 booklet

Language; English; Reading skills; Primary education

0602232724

This program is part of a series of Reading 360 level 7-13 software which helps cloze-type reading activities. It is specially designed for group work, with or without teacher supervision. The emphasis is on open ended tasks

The Ginn language chip (a 16k EPROM) is required to provide good text-handling capacity 9-12+

Reading 360 level 11 microcomputer software

Burnes, R.; Nichols, Jan; Harrison, Richard

Aylesbury: Ginn & Co Ltd

1986

Reading 360 level 7-13

BBC B; BBC B+; BBC Master; £19.65

1 disk; 1 booklet

Language; English; Reading skills; Primary education

0602232732

This program is part of a range of cloze-type reading development activities designed for group work. It focuses on open-ended tasks which are related to the passages of the Reading 360 readers from level 7 to 13

The Ginn language chip (a 16k EPROM) is required to provide the necessary text-handling capacity

9-11

Reading 360 level 12 microcomputer software

Liebling, Henry; Burnes, R.

Aylesbury: Ginn & Co Ltd

198-

Reading 360 readers level 7-13

BBC B; BBC B+; BBC Master; £19.65

1 disk; 1 booklet

Language; English; Reading skills; Primary education

0602232740

This program is part of a series of Reading 360 software, comprising a versatile range of cloze-type reading activities. Each of the four or five passages can be used with any of the three 'gap-fill' options and with the text all at once or a slice at a time, allowing free choice

The Ginn language chip (a 16k EPROM) is required to provide the necessary text-handling capacity

9-11

Reading 360 level 13 microcomputer software

Nicholls, Jan; Burnes, R.

Aylesbury: Ginn & Co Ltd

198-

Reading 360 level 7-13

BBC B; BBC B+; BBC Master; £16.95

1 disk; 1 booklet

Language; English; Reading skills; Primary education;

0602232759

This program is part of a series of Reading 360 level 7-13 software comprising a versatile range of cloze-type reading development activities. It has several passages that can be used with any of the gap-fill options and with the text presented all at once or a slice at a time

The Ginn language chip (a 16k EPROM) is required to provide the necessary text-handling capacity

11-12+

Reading 360 level 7 microcomputer software

Fidge, Louis; Harrison, Richard

Aylesbury: Ginn & Co Ltd

1986

Reading 360

BBC B; BBC B+; BBC Master; £19.65

1 disk; 1 booklet

Language; English; Reading skills; Primary education;

0602232694 (disk only)

This is one of the level-specific disks available separately or as part of a resource pack. It has several passages that can be used with the three 'gap-fill' options (i.e. own input, multiple choice, or own input and multiple choice)

The Ginn language chip (a 16K EPROM) is required for good text handling capacity

7-12+

Reading 360 level 8 microcomputer software

Fidge, Louis; Harrison, Richard

Aylesbury: Ginn & Co Ltd

1986

BBC B; BBC B+; BBC Master; £19.65

1 disk; 1 booklet

Language; English; Reading skills; Primary education

0602232708

This program is part of a series of Reading 360 software comprising a versatile range of cloze-type reading development activities especially designed for group work. The Ginn language chip (a 16k EPROM) is required to provide the necessary text-handling capacity. A Reading 360 sampler disk with full documentation also comes with the Ginn language chip

The Ginn language chip (a 16k EPROM) is required for good text-handling capacity

7-12+

Reading 360 level 9 microcomputer software

Potter, Dr. Frank N.; Nicholls, Jan; Burnes, R.

Aylesbury: Ginn & Co Ltd

198-

Reading 360

BBC B; BBC B+; BBC Master; £19.65

1 disk; 1 booklet

Language; English; Reading skills; Primary education

0602232716

This program is part of a series of Reading 360 software which motivates cloze-type activities specially designed for group work. The emphasis is on open-ended tasks

The Ginn language chip is essential to provide the necessary text-handling capacity

7-12+

Reading-listening comprehension

Lewis, Derek

Blairgowrie: Lochesoft

1986

BBC B; BBC B+; BBC Master 128; BBC Networks; £35.00

Disk

Language; Modern languages; Primary education; Secondary education; Sixth form education; Further education

0947584331/501

Allows construction of full-scale text-based comprehension and other vocabulary exercises in most major European languages; includes facilities for handling open-ended answers. Option for foreign language screen messages. Can be linked to the Tandberg computer controlled tape recorder for audio work. Includes demonstration exercises.

BBC 40t s/d DFS disk; will also run on ADFS or Network.

7+

Readlevel program

Birmingham: Daco Software

198-

BBC B; BBC B+; BBC Master; £15.95 Now available on A3000 and Archimedes; £18.95

Disk; user notes; teacher notes

Reading skills; Utilities; Special educational needs; Primary education; Secondary education

A program allowing teachers to assess readability level of any printed material, by typing a

selection of the material into the program. Readability display may be screened at any time after completion of the first sentence.

Readwell program set

Birmingham: Daco Software

198-

BBC B; BBC B+; BBC Master; RML 480Z; £19.95 Now available on A3000 and Archimedes; £22.95

Disk

Reading skills; Special educational needs; Infant school education; Primary education; Secondary education

A comprehensive set of phonic reading programs to improve accuracy, comprehension and reading rates. Vocabulary is phonically regular; levels of difficulty are carefully controlled. Ideal for early learners as well as remedial pupils.

5+

Ready, set, go! : version 4.5

London: Letraset UK Ltd.

198-

Apple Macintosh Plus; SE; £412.50; Upgrade from version 4.0 to 4.5; £50.00. (Single site volume discounts available on request).

Disk

Desktop publishing

A desktop publishing tool balancing creative aspects of design with powerful production. Facilities include full-featured word processor with glossaries; search and replace and spell checking grids; runarounds and high resolution graphics support; style sheets; colour overlay production; Pantone matching; document tiling.

Requires 1Mb Macintosh Plus or SE. Hard disk recommended.

Real and apparent depth

See: Optics

Recall

Chepstow: AVP Computing

BBC B; BBC B+; BBC Master 128; £24.50

Schools administration; Recordkeeping

A pupil card system for GCSE Investigation Results. Allows the storage of up to 250 pupils, each having the following information stored along with their name: Set (A-H), Level (1 or 2), Candidate Number and Marks (Five criteria in twenty investigations). For each investigation, the date of assessment of each set, the criteria assessed and the investigation name are stored. Recall cannot process the marks but the system is ideal for storing and retrieving pupil information quickly and efficiently; pupil cards and assessment sheets can be selectively printed on a printer. Pupil names may be transferred automatically from a Request file

Recipe

See: Food and recipes

Recombinant toolkit : version 4.0

Unger, S.H.

Cambridge: Biosoft

198-

IBM PC, XT, AT, PS2 and compatibles; £150.00

Disk; manual

Sciences; Secondary education; Sixth form education; Further education

A user friendly menu driven, cursor controlled totally integrated software package for the analysis of DNA and amino acid sequences. Features include reverse translation with restriction; restriction/open reading frame analysis; powerful macro search language; colour coded hydrophathy values; translation of nucleotide sequence; update restriction of enzyme or genetic code tables; summary information for checking validity and nature of active sequence and preparing standard output; facility for defining sub-sequences or renumbering active sequence; convenience features including minimum of user typing; crash proof environment, full screen editor; notepad, etc.

Requires 384K RAM minimum, DOS 2.0 or later; one storage device of 1Mb capacity of greater. Mathematics co-processor, colour monitor and printer optional

11+

Record

See: Plant ecology field study techniques

Rectangles

See: Monster maths

Red Ryder : version 9.4

London: King's College Chelsea

198-

Apple Macintosh; £5.00

Disk

Communication

A communications package operating with Hayes-compatible or UK modems. Includes support for XModem; MacBinary and Kermit transfer of fully formatted files and applications in HEX or binary as well as for plain ASCII text file uploads and downloads.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Red Ryder : version 10.3

Faringdon: Ledward Electronics

198-

Apple Macintosh; £70.00

Disk

Communication; Utilities

A communications package, with features including ability to operate with all modems (Hayes-compatible or otherwise); and printers; support for XModem, YModem batch, 1K XModem, 1K YModem batch; MacBinary II, Kermit and CompuServe B protocols; full emulation of TTY, VT52 and VT100 terminals, allowing connection to all mini computers; mainframes; timeshare networks; laboratory equipment; bulletin boards. Provides total of 30 user defined macro keys; a 150-command Procedure language allows complete automation of communications sessions.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Redfile 1

Cumberland, Sid; Stockdale, Trevor; Birbeck, J.; Birbeck, S.J.; Bossert, P.

Ilford: NCET/MESU

1986

BBC B;

40t; s/s; 1 disk

Craft, design, technology; Special educational needs; Primary education; English; Sciences; Chemistry; Mathematics; Music; Computer games;

Contents: Concept; Context; Weave14; Jump; Stars; Kboard; Finders keepers; Lock; CountD; Words; Castle; Eltgame; Carpark; Darts; Reason; 100 square; Oxo; Gomoku. Freely copiable for UK educational use. Cumberland, Sid (au. Context and Castle); Stockdale, Trevor (au. Jump); Birbeck, J. (au. Darts, Finders keepers and 100 square); Birbeck, S.J. (au. Darts and Finders keepers); Bossert, P. (au. Words).

Redfile 2

Jordan, Elisabeth; Pocock, S.N.; Carden, J.F.; White, Malcolm; Walsh, David

Ilford: NCET/MESU

1986

BBC B;

40t; s/s; 1 disk

Mathematics; Special educational needs; Primary education; Computer games

May be freely copied for UK educational use. Contents: Visual stimulation; Attention span; Counting apples; Housy; Doty; Nuts; Frog; Nellie; Chick; Razacq; Squares; Cars; Race off; Count; House more. The programs are divided into 3 sections: Forest gate programs, Queen Mar y programs and Sunnyside programs. Jordan, Elisabeth (au. Visual stimulation, Attention span and Counting apples); Pocock, S.N. (au. Housy); Carden, J.F. (au. Housy and Doty); White, Malcolm (au. Housy, Nuts, Frog, Nellie and Chick); Walsh, David (au. Razacq, Squares, Cars, Race off, Count and House more).

Reds and greens

See: Therapy games (series 2)

Refining

Computers in Economics Unit, Staffordshire Polytechnic

London: BP Educational Service

1988 (RM Nimbus); 1989 (BBC Master)

RM Nimbus; BBC Master; £11.95

1 disk; tutor's guide; program notes; examination questions; students worksheets; flowchart

Sciences; Chemistry; Economics; Business education; Industry; Secondary education; Simulation

0861651421

Program is a computer simulation and database on oil refining which simulates the refinery processes of fractional distillation and cracking and provides information on the uses and demand for oil and oil products.

14+

Reflections

Exeter: Maxima Communications plc

198-

Apple Macintosh; £199.00

Disk

Communication; Utilities

A terminal emulation and data communications package, allowing the Macintosh to act as a

Hewlett-Packard 2392A workstation when connected to an HP 1000; HP 3000; HP 9000 or any asynchronous host computer. File transfer capabilities and versatile command language allow it to be customised and integrated into the Hewlett-Packard environment. Supports cut and paste functions, allowing Macintosh and HP applications to be integrated.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Reflections

See: Science in process pack 2

Reflections 2

Exeter: Maxima Communications plc

198-

Apple Macintosh; details from publishers

Disk

Communication

Provides Macintosh with full emulation facilities for the Digital VT320 workstation, including Dynamically Redefinable Character Sets, user-defined keys, and selective erase. Also includes emulation of VT220, VT102 and VT52 terminals. Contains collection of BASIC-like commands which may be used to automate a wide variety of tasks. Links Macintosh into databases stored on mainframes and public services.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Reflections 3

Exeter: Maxima Communications plc

198-

Apple Macintosh; £273.00

Disk

Communication; Utilities; Computer graphics

As Reflections, but with additional feature of monochrome graphics, providing emulation for the HP2393A terminal and extensive support for HP graphics packages.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Reflex plus

Twyford: Borland International (UK) Ltd.

198-

Apple Macintosh; £49.95

Disk

Databases; Information handling; Data processing; Spreadsheets

A relational database with features including ability to open up to 15 files at same time; up to 200 links; number of records limited only by mass storage; 4,080 maximum record length; 4,072 byte maximum field length; 254 fields per record; ability to have any number of entry forms for same database; calculated fields; unlimited font selection; over 50 program words to provide spreadsheet facility without programming.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Refraction

See: Optics

Refsys super

Cambridge: Biosoft

198-

IBM PC/PS2 and compatibles; £125.00

Disk; manual

Information handling; Library administration

A bibliographic storage and retrieval system, providing a means of recalling and printing selected lists of references in specified formats, enabling user to create own database of literature references most frequently cited, and a means of cross-referencing by subject categories, searching database for any term, searching manuscripts for citations, importing references from databases such as Medline or pre-existing bibliographies. Demonstration disk available - £15.00.

Requires 384K RAM minimum, DOS 2.0 or later; hard disk desirable for files greater than 700 pages

Reganal

Chepstow: AVP Computing

BBC B; BBC B+; BBC Master 128; £19.50

Geography; Statistics; Secondary education; Data processing

A program for analysing the place of first registration of motor vehicles. Data can be displayed or further analysed in a variety of ways. This program can be used to demonstrate simple data representation and analysis using easily obtained data and can form the basis of geographical projects for a variety of age groups, investigating origins of visitors to particular places without the need for questionnaires

11-16

Reggie

Exeter: Maxima Communications plc

198-

Apple Macintosh; £135.00

Disk

Communication

Converts Macintosh graphics to Digital Equipment's graphic formats. MacDraw, MacPaint and Clipboard images can be converted to Digital's Regis and Sixel standards for Vax storage, display or printing. Also allows Macintosh users to add colour to Macintosh graphics displayed on Digital VT241 colour graphics terminals.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Reilly

St. Just: MJP (Michael Jay Publications)

198-

BBC B; BBC B+; BBC Master; £14.95 RML Nimbus; details from publishers

Disk

Geography; Economics; Secondary education; Sixth form education; Further education

A suite of programs enabling calculations for Reilly's Law of Retail Gravitation and the Classic Gravity model to be performed at different levels of complexity.

BBC 40t disk unless otherwise requested.

16+

Relate

See: Editor / Display / Relate

Renaissance : 1500-1650

Chepstow: AVP Computing

198-

History of music tutor

BBC Master 128; BBC Master Compact; RM Nimbus; Amiga; £24.50 Econet; £58.50

Disk

Music; History; Secondary education; Sixth form education; Further education

Provides a quick understanding of or reference to the repertoire and main characteristics of musical style of the period - Church music and the early modes, birth of opera, secular music and instruments. Includes introduction detailing social, political and other aspects influencing the period and a chronological list of composers and their works.

Only specify 80t if you cannot use 40t disks.

11+

Renaissance Europe

Canning, J.P.

Bangor: Akadimias

198-

Tutor series : British and European history

BBC B; BBC Master 128; Econet levels 2 & 3; Acorn; RM Nimbus PC 186; RM Nimbus AX series; Nimbus network; Amstrad 6128 & PCW; IBM PC compatible; £25.00 (includes site licence for up to 10 terminals)

Disk; study booklet; reading list

History; Secondary education; Sixth form education; Further education; A level examinations

A program to test student knowledge with questions in a multiple choice format, in either a random or sequential order, and with various user selectable time-bases against which the test may be taken. Facilities for revision; sequential, random test modes; with four time based skill levels in each test mode. Topics are: economic and social life; church and religion; world of learning; France and Spain; central Europe; Eastern Europe; the expansion of Europe. Discounts available: details from publisher.

BBC 40 or 80t disk (please specify). Acorn DFS & ADFS; RM Nimbus 3.5" disk; Amstrad disk; IBM PC C 5.25" or 3.5" disk (please specify).

16+

Render bender

Northwich: Clares Micro Supplies

198-

Acorn Archimedes; £79.95

Disk; manual

Art; Design; Computer graphics; Secondary education; Further education

A powerful 3D animation package, allowing the construction of scenes using 3D objects and advanced ray tracing algorithms which can then be compiled into an animated sequence, with the addition of music or sound if wished. Features include variable zoom lens; view point and angle; user defined sky colour and depth and floor patterns and colours; various object types (e.g. matt, shiny, mirror); delta animator; Mode 13 or 15; save option; import into Pro-Artisan; various screen sizes. Includes sample script files and an animated sequence

3.5" disk
11-16+

Repair

See: Molecular Biology Series

Repeat press

See: Toy control disk

Replication

See: Molecular Biology Series

Reporter

Exeter: Minerva Software
198-
Acorn Archimedes; £39.95 BBC B; BBC B+; Master 128; Master Compact; £19.95
Disk
Utilities; Information handling; Recordkeeping; Educational administration; Secondary education; Sixth form education; Further education; Computer studies
The Archimedes version is a System Deltaplus utility - fully relational user defined reporting package. Operates in window environment. Allows sub-totals and sub-totals with titles. Definable column format with facilities for averages and totals. Allows mixed use of fonts. The BBC versions include 2 programs - Simple reporter produces lists with totals or averages, Full reporter allows fully definable reports including advanced features such as columns set to accept positive numeric entries.
RISC OS compatible. Requires the use of System Delta commands which are supplied with System Deltaplus.
12-16+

Reports!

Reading: Activision (UK) Ltd.
198-
Apple Macintosh; £69.99
Disk
Business education; Desktop publishing
Provides enhanced selective printing facilities for HyperCard stacks; allows user to freely design and manipulate templates controlling location, style and content of reports prepared from cards with a named background in a stack. Performs basic calculations on numerical data within fields; allows scripts to be written carrying out more complex procedures.
Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Representing information

See: Information technology project : a complete modular course in IT : teaching pack 1

Reproduction

See: Human biology. 6: Reproduction

Repton 3

Cambridge: Acornsoft

BBC B; B+; 128K B+; Master 128; Master Compact (40/80t); £11.95 BBC B; B+; 128K B+; Master 128; Master Compact (3.5"); £14.95
Disk; booklet
Design; Puzzles; Problem solving; Computer games; Primary education
A game with 24 screens, which includes a screen-designer to enable user to design own game, and a character designer for redesigning any or all of the game's characters.
40/80t disk; 3.5" disk
5+

Request

Chepstow: AVP Computing
BBC B; BBC B+; BBC Master 128; £24.50
Schools administration; Recordkeeping
A versatile pupil database to help teachers assess pupil performance, allows the storage and retrieval of up to 20 different pieces of information on each of 249 pupils. All information (number and text) can be stored and viewed or printed in any format desired. Request holds the data concerning one academic year which may be divided into as many as 26 different forms or sets (A-Z), each holding any number of pupils. There are facilities for calculating and storing totals, averages, percentages, rank orders, T-scores and Z-scores. At the end of the summer term, the necessary pupil information can be automatically transferred to next years file

Rescue

Winchester: Star Devices Ltd
198-
BBC B; BBC B+; RML 480Z; £25.00
1 disk; concept keyboard overlay (A3 or A4); 31 worksheets; manual
Language; English; Reading skills; Problem solving; Primary education; Special educational needs; Adventure simulation
The aim is to rescue the prince who is held prisoner by the Snard. This will encourage group discussion and decision making, reading and comprehension. Three levels of difficulty, facility to save and reload stages of the program at any point in the adventure
Program on disk for BBC is 40t but 80t can be supplied if indicated, the size of concept keyboard should be also given
7+

Rescue

See: Hazard, Rescue

Rescue : an island adventure

Whittington, Ian; Richardson, Brian
Huntingdon: Cambridgeshire Software House
1989
BBC B; BBC B+; BBC Master 128; BBC Master Compact; £24.00 Site Licence £45.00
1 disk; 1 manual; concept keyboard overlays; maps; cottage inventory
Language; English; Sciences; Mathematics; Life skills; Primary education; Infant school education; Problem solving; Adventure simulation
Children can move around the island using either the keyboard or concept keyboard to look for their uncle whom they are asked to rescue. They can explore a mine, a chapel, a lighthouse

and a ship using a map and on-screen coordinates. The program runs almost entirely in graphics mode and uses icons.
6-11

Research trail

Haydon, Ray; Harrison, M.C.; Miller, C.; et al.
Gravesend: Fernleaf Educational Software Ltd
1984
Thinking mathematically : Series 2
BBC B (disk); £11.26 BBC B (cassette); £8.65
1 disk or cassette; 1 booklet
Mathematics; Language; Puzzles; Problem solving; Primary education; Secondary education; Computer games
Contained in Money plus. Designed for use with small groups of children. A game with the objective of gaining study points by fitting in as many visits as possible to various places of interest within a grant sum and time allowed
Operating system 1.2
8-13

Resolve

London School of Economics
Sheffield: COIC Software
198-
BBC B; BBC B+; BBC Master 128; BBC Master Compact; Acorn Archimedes; RM Nimbus; IBM PC; £49.00 Master ADFS - details from publishers
Disk; user supplementary guide
English; Language; Social sciences; Personal and social education; Careers; Cross curriculum; Content free programs; Sixth form education; Further education; Secondary education
An aid to decision making in any context where choices have to be made: the structure of the program remains constant; the information which can be entered is infinitely variable. An excellent opportunity for class discussion. Available as part of multi-program set.
BBC B, B+, Master 128 (40t or 80t disks); Master Compact; Archimedes (3.5" disks); Nimbus (3.5" 720k). 40 or 80 track drive and colour monitor essential; parallel printer advisable. 5.25" disk versions run under DFS operating system. IBM version requires CGA capability in older machines. Networkable.
14-18+

Resonance

Bate, Mike
Longbridge Deverill, Warminster: Soft Teach Educational
1989
PhysiCATsoft programs
Acorn Archimedes; £18 00 Acorn Archimedes Network; £36.00
Disk; manual
Sciences; Physics; Secondary education; Sixth form education; Computer graphics; Simulation
0948808950
A simulation of the resonant response of a damped oscillator loosely coupled to an oscillating "driver" of variable frequency. Complements Barton's pendulum experiment, showing responses of the driven oscillator to frequency changes of the driver; clarifies the direct derivation of amplitude/frequency graph and the phase relationship. Under WIMP control. Bulk purchase discount available.

Archimedes 3.5" disk
11-18

Respiration

See : Biology pack 5

Respiratory system

See: Human biology. 5: The respiratory system.
The urinary system

Restock

Chepstow: AVP Computing
198-

BBC B; BBC B+; BBC Master 128; (80t); £19.50
Disk

Sciences; Schools; Recordkeeping

Stock control system designed specifically for use in school Science departments: holds 2500 records on one disk, with details such as cost, re-order code, units for measuring the item, likely range of quantities, warnings concerning specific items, specifiable low stock and re-order warning levels, details of up to 10 locations where the item is stored.

80t only.

Result

Chepstow: AVP Computing
198-

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £19.50 BBC Master Compact; £21.70 RM Nimbus; £24.50 RM Nimbus network; (up to 16 machines) £45.00; (up to 48 machines) £65.00 Econet; £58.50

Disk

Geometry; Secondary education; Sixth form education; Further education; Computer graphics; Spreadsheets

Enables results from class experiment/demonstration to be quickly processed, graphically displayed and printed out. Mathematical functions include: in verse, inverse square, square, sine, log, addition of a constant. Data may be edited, replaced; mathematical functions changed; variety of graphs plotted and results sent to a printer by single key commands from a menu

Only specify 80t if you cannot use 40t disks.

14+

Retail price index

See : Retail price index and income tax calculator

Retail price index and Income tax calculator

Chepstow: AVP Computing
198-

BBC B; BBC B+; BBC Master 128; £19.50

Disk; teacher's notes

Economics; Secondary education; Sixth form education; Further education

Contents: Retail price index (a calculator for the RPI : Part 1 - demonstration program; Part 2 - allows alteration of the price relatives and/or weightings to examine effect on RPI); Income tax calculator (shows how income tax calculations are made in bands; includes a

demonstration program and a program allowing alteration of tax bands and tax rates). Also allows insertion of data to compare effects of budget changes on different income groups

Only specify 80t if you cannot use 40t disks

14+

Return to Doom

Kilworth, Peter

Peterborough: Topologika

1987

Text adventures; Doom trilogy

BBC B; BBC Master 128; BBC Master Compact; PCW; £14.95 CPC; Spectrum +3; £11.95 Amstrad; IBM PC; RM Nimbus; £17.50 Acorn Archimedes/A3000; £19.95

Disk; booklet

Adventure simulation; Computer games; Puzzles; Problem solving; Secondary education

A science fiction adventure fantasy, involving returning to Doom to assist a crashed spacecraft there. Acorn Archimedes/A3000 includes Countdown to doom and Philosopher's quest free

12-Adult

Reveal

Glasgow: Collins Educational

198-

Microspecial

BBC B; BBC B+; £20.00

Disk; documentation; teacher notes

Language; Reading skills; Cross curriculum; Life skills; Puzzles; Problem solving; Special educational needs; Secondary education

A friendly, flexible program using a problem solving, structured approach, allowing teachers to design an individualised program, controlling difficulty level and altering data to suit requirements of pupils. Includes monitoring and assessment facility. Suitable for either individual or group use. Contained in Microspecial pack. Documentation available separately. Bulk purchases and site licences available - details from publishers.

11-15

Revenue maximisation in imperfect competition

See : Competition

Reversals

Spalding: Chalksoft Ltd

198-

Language lab

BBC B; BBC B+; BBC Master; £15.00 BBC Master Compact; Acorn Archimedes; £17.00

Disk; 40t; 80t; 3.5"; copy sheets

Language; Special educational needs

1851160108

Two animated seagulls help children get over reversing problems with such letters as d/b, p/q etc. Displayed in a series of on-screen sentences with varying levels of vocabulary complexity. Improves observation, discriminatory and co-ordination skills.

Please state whether 40-track or 80-track disks are required.

8-14

Reversals and inversions

Rees, John

Cardiff: Drake Educational Associates
198-

Visual discrimination

BBC B; BBC B+; BBC Master; £12.00

1 disk; 1 booklet

Language; Reading skills; Infant school education; Primary education; Special educational needs

This series is designed to aid the development of perceptual abilities as a pre-reading activity. Each program is written with a multiple-choice format with a moving arrow being stopped under the selected answer by any keyboard response

5+

Reverse

See: Games, activities and investigations : volume 2.

Reversi

See: Codehunt, Metro, Reversi, Fours, Snakes and ladders

Review

See: Deutsch direkt!

Revise maths : algebra 2

Chepstow: AVP Computing
198-

Revise mathematics

BBC B; BBC B+; BBC Master 128; £19.50 BBC Master Compact; £21.70 Acorn Archimedes; RM Nimbus; £24.50 RM Nimbus network; (up to 16 machines) £45.00; (up to 48 machines) £65.00 Econet; £58.50

Disk ; booklet; worksheet

Mathematics; Algebra; Secondary education; General Certificate of Secondary Education

Revision aid, covering the four rules applied to algebraic fractions, simultaneous equations, multiplying out a pair of brackets, factors, factorising quadratic expressions, perfect squares, the difference of two squares, quadratic equations, rearranging formulae

Only specify 80t if you cannot use 40t disks

14-16

Revise maths : algebra 1

Chepstow: AVP Computing
198-

Revise mathematics

BBC B; BBC B+; BBC Master 128; £19.50 BBC Master Compact; £21.70 Acorn Archimedes; RM Nimbus; £24.50 RM Nimbus network; (up to 16 machines) £45.00; (up to 48 machines) £65.00 Econet; £58.50

Disk ; booklet; worksheet

Mathematics; Algebra; Secondary education; General Certificate of Secondary Education

Revision aid, covering order of operations in a mathematical expression, substituting numbers for letters into a formula, removing brackets, simplifying expressions, simple equations, solution of linear equations in one unknown, linear orderings, positive, negative and fractional indices, surds.

Only specify 80t if you cannot use 40t disks.
14-16

Revise maths : arithmetic 1

Chepstow: AVP Computing
198-

Revise mathematics

BBC B; BBC B+; BBC Master 128; £19.50 BBC Master Compact; £21.70 Acorn Archimedes; RM Nimbus; £24.50 RM Nimbus network; (up to 16 machines) £45.00; (up to 48 machines) £65.00 Econet; £58.50

Disk ; booklet; worksheet

Mathematics; Secondary education; General Certificate of Secondary Education

Revision aid, covering whole numbers, factors, highest common factors, prime numbers, prime factors, multiples, lowest common multiples, fractions of a whole number, equivalent fractions, simplest form, improper fractions, the four rules applied to fractions and mixed numbers, decimal arithmetic, changing fractions to decimals and vice versa, changing percentages to fractions, percentages, percentage increase and decrease, percentage error.

Only specify 80t if you cannot use 40t disks.
14-16

Revise maths : arithmetic 2

Chepstow: AVP Computing
198-

Revise mathematics

BBC B; BBC B+; BBC Master 128; £19.50 BBC Master Compact; £21.70 Acorn Archimedes; RM Nimbus; £24.50 RM Nimbus network; (up to 16 machines) £45.00; (up to 48 machines) £65.00 Econet; £58.50

Disk ; booklet; worksheet

Mathematics; Secondary education; General Certificate of Secondary Education

Revision aid, covering directed numbers, rounding off, decimal places, significant figures, limits of accuracy, number patterns, odd and even numbers, multiples, squares, cubes, triangle numbers, Fibonacci sequence, Pascal's triangle, estimating squares, exact square roots, estimating square roots, exact cube roots, positive and negative indices, standard form, estimation and arithmetic in standard form.

Only specify 80t if you cannot use 40t disks.
14-16

Revise maths : geometry

Chepstow: AVP Computing
198-

Revise mathematics

BBC B; BBC B+; BBC Master 128; £19.50 BBC Master Compact; £21.70 Acorn Archimedes; RM Nimbus; £24.50 RM Nimbus network; (up to 16 machines) £45.00; (up to 48 machines) £65.00 Econet; £58.50

Disk ; booklet; worksheet

Mathematics; Geometry; Secondary education; General Certificate of Secondary Education

Revision aid, covering angles at a point, rotational and line symmetry, parallel lines, exterior and interior angles of regular polygons, angles in triangles and quadrilaterals, tessellations, areas of the rectangle, parallelogram triangle and trapezium, Pythagoras's theorem, Pythagorean triples, circumference and area of a circle, length of arc

and area of a sector, perimeters, the symmetries and angle properties of a circle.

Only specify 80t if you cannot use 40t disks.
14-16

Revise maths : matrices

Chepstow: AVP Computing
198-

Revise mathematics

BBC B; BBC B+; BBC Master 128; £19.50 BBC Master Compact; £21.70 Acorn Archimedes; RM Nimbus; £24.50 RM Nimbus network; (up to 16 machines) £45.00; (up to 48 machines) £65.00 Econet; £58.50

Disk ; booklet; worksheet

Mathematics; Algebra; Secondary education; General Certificate of Secondary Education

Revision aid, covering the order of a matrix, matrices used as information stores, and to describe networks and relations, adding and subtracting matrices, multiples of a matrix, multiplying matrices, powers of a matrix, the transpose, combining relations and information matrices, two stage route matrices, incidence matrices, the determinant and inverse of a 2 x 2 matrix, matrix equations and the singular matrix.

Only specify 80t if you cannot use 40t disks.
14-16

Revise maths : ratio and proportion

Chepstow: AVP Computing
198-

Revise mathematics

BBC B; BBC B+; BBC Master 128; £19.50 BBC Master Compact; £21.70 Acorn Archimedes; RM Nimbus; £24.50 RM Nimbus network; (up to 16 machines) £45.00; (up to 48 machines) £65.00 Econet; £58.50

Disk ; booklet; worksheet

Mathematics; Geometry; Secondary education; General Certificate of Secondary Education

Revision aid, covering ratios in simplest terms, ratios with units, in the form $1:n$ and $n:1$, map scales, areas and map scales, gradients on maps, dividing in a given ratio; ratio and proportion; similarity; similar triangles; enlargement; ratio applied to similar triangles; areas of similar figures with problems involving ratios, proportion and variation, the square and the inverse square function.

Only specify 80t if you cannot use 40t disks.
14-16

Revise maths : trigonometry

Chepstow: AVP Computing
198-

Revise mathematics

BBC B; BBC B+; BBC Master 128; £19.50 BBC Master Compact; £21.70 Acorn Archimedes; RM Nimbus; £24.50 RM Nimbus network; (up to 16 machines) £45.00; (up to 48 machines) £65.00 Econet; £58.50

Disk ; booklet; worksheet

Mathematics; Geometry; Secondary education; General Certificate of Secondary Education

Revision aid, covering calculation of sides and angles in a right angled triangle using sine, cosine and tangent, bearings, angles of elevation and depression, trigonometry applied to isosceles triangles and to two right angled triangles, sine, cosine and tangent of angles

between 0 and 360 degrees, graphs of these functions, solving simple equations, exact values, the sine and cosine rules.

Only specify 80t if you cannot use 40t disks.
14-16

Revise maths : 3D geometry

Chepstow: AVP Computing

BBC B; BBC B+; BBC Master 128; £19.50 BBC Master Compact; £21.70 Acorn Archimedes; RM Nimbus; £24.50 Econet; £58.50 RM Nimbus Network; (up to 16 machines) £45.00; (up to 48 machines) £65.00

Disk; booklet; worksheet

Secondary education; Mathematics; Geometry

A revision program covering the drawing of three dimensional figures, nets of solids, Euler's relation $F + V = E + 2$, symmetries of polyhedra, the surface area and volume of the cuboid, prism, pyramid, cylinder, cone and sphere, volumes of similar solids, trigonometry in three dimensions including angles of elevation and depression

Only specify 40t if you cannot use 80t
14-16

Revise maths - sets and probability

Chepstow: AVP Computing

BBC B; BBC B+; BBC Master 128; £19.50 BBC Master Compact; £21.70 Acorn Archimedes; RM Nimbus; £24.50 Econet; £58.50 RM Nimbus Network; (up to 16 machines) £45.00; (up to 48 machines) £65.00

Disk; Booklet; Worksheet

Mathematics; Secondary education

Covers describing sets, the intersection of sets, disjoint sets, the empty set, subsets, the universal set, complementary sets, the union of sets, the number of elements in a set, sets of points on the number line, Venn diagrams, using Venn diagrams to solve problems, experimental probability, expected probability, using Venn diagrams and set notation to illustrate and calculate probabilities, mutually exclusive events, independent events, tree diagrams

14-16

Revise maths - statistics

Chepstow: AVP Computing

BBC B; BBC B+; BBC Master 128; £19.50 BBC Master Compact; £21.70 Acorn Archimedes; RM Nimbus; £24.50 Econet; £58.50 RM Nimbus Network; (up to 16 machines) £45.00; (up to 48 machines) £65.00

Disk; Booklet; Worksheet

Mathematics; Statistics; Secondary education; General Certificate of Education

Covers information from data, tally marks, pictograms, pie charts, pie charts involving percentages and calculating angles, bar charts, histograms, the mean, mode and median, problems involving the mean, measures of spread, the quartiles, interquartile range and range, the mean of a frequency distribution, mid interval values, the median of a frequency distribution, cumulative frequency tables, cumulative frequency diagrams, using a working mean, a frequency distribution using a working mean and mid interval values

14-16

Revolver

McFarlane, Jim; Werbinski, Andrew
London: ITEM

1986

RM Nimbus; £30.00 RM Nimbus network; £60.00

1 disk; 1 self-instructional guide

Databases; Business education; Primary education; Secondary education; Sixth form education; Further education

0708599397

A local viewdata package, with a menu driven system, and on-line help at all stages. Builds carousels for automatic "revolving" slide shows, as well as viewdata databases. Editor uses established viewdata standards. Includes utility for converting pages downloaded from external services such as Prestel

RM Nimbus PC - 186, AX and VX machines/stations used in Nimbus mode.

5-16+

REVS + 4 tracks

Cambridge: Acornsoft

BBC B; B+; 128K B+; Master 128; Master Compact (40/80t); £14.95 BBC B; B+; 128K B+; Master 128; Master Compact (3.5"); £19.95

Disk; booklet

Computer games; Computer graphics; Primary education; Secondary education; Simulation

An advanced race simulator with both car and circuits (Silverstone, Brands Hatch, Donington Park, Oulton Park and Snetterton) modelled on the real thing.

40/80t disk; 3.5" disk. Compatible with keyboard or joysticks.

5+

Rhythmic

Dial, L.H.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1984

BBC B; £8.00

Disk

Music; Secondary education

Tests musical rhythms: simple and compound tunes to a four-beat pattern. User selects difficulty.

Rice farming

See: Farming pack

Riches of Shirec

Cliffe, R.; Holst, T.; Druz, D.; et al.

Gravesend: Fernleaf Educational Software Ltd 1985

BBC B (disk); £11.26 BBC B (cassette); £8.65

Disk or cassette

Language; Primary education; Secondary education; Puzzles; Problem solving

Contained in The sea. Designed for use with small groups of children. The aim is to collect 100 godos from the islands between Meho and Shirec within 100 days using 50 friends, in order to become a councillor in Meho

8-12

Right on time

Birmingham: Daco Software

198-

BBC B; BBC B+; BBC Master; £12.95 Electronic book; £15.50 Also keyboard version; £12.95 Archimedes and A3000 version now available; £15.95

Disk

Life skills; Special educational needs; Primary education; Secondary education

A set of programs providing practice and guidance in telling the time, using analogue and digital clock faces, providing help when needed and giving rewards for correct answers.

Electronic book version available.

5+

Ring

See: Basic package

Ripple tank and Wavenotes

Neville, R.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1984

BBC B; £7.50

Disk

Physics; Sciences; Secondary education; Simulation

Contents: Ripple tank (menu driven program showing 19 moving displays of ripple tank experiments with slow motion and freeze); Wavenotes (explains the phenomena of refraction, reflection, interference and diffraction covered by Ripple tank).

Rise and fall of a steel town : Consett

Newcastle Upon Tyne: Northern Micromedia 1990

BBC B; BBC Master; to be announced RM Nimbus; to be announced

Disk; datafiles; maps; slides

Secondary education; History; Geography

This program charts the development of Consett through its growth in the industrial revolution, the closure of the steelworks in 1981 to the present day

14+

Rise and shine

Glasgow: Collins Educational

198-

Microspecial

BBC B; BBC B+; £20.00

Disk; documentation; teacher notes

Physical education; Cross curriculum; Life skills; Puzzles; Problem solving; Special educational needs; Secondary education

A friendly, flexible program using a problem solving, structured approach, allowing teachers to design an individualised program, controlling difficulty level and altering data to suit requirements of pupils. Includes monitoring and assessment facility. Suitable for either individual or group use. Contained in Microspecial pack. Documentation available separately. Bulk purchases and site licences available - details from publishers.

11-15

Rise of Nazi Germany : a study in empathy

Brighton: Tressell Publications

198-

BBC B; BBC B+; BBC Master 128; BBC Master Compact; Econet; £20.00

Disk; documentation (4 user guides; teachers' notes; 2 copies of book "Hitler and Nazi Germany" and study notes)

History; Politics; Secondary education; Further education; Sixth form education; General Certificate of Secondary Education; Simulation; Computer graphics; Puzzles; Problem solving

0907586694

Set in post-First World War Germany, the program enables pupils to follow the lives of up to 8 people in Germany at that time, exploring how individual circumstances (e.g. race, religion, family, employment) and international events (e.g. Treaty of Versailles, Ruhr invasion, Wall Street crash) affected the way people voted, leading to the Nazi Party success in the early 1930s. Includes book "Hitler and Nazi Germany". Also available in pack with Germany between the Wars @ £35.00+VAT for the two.

BBC 40/80t disk; 80t disk can be transferred to Econet levels 2 & 3

14-17

Risk analysis

Nugus, S.; Remenyi, Dan

Barnet: Glentop Press Ltd

1989

Templates for Lotus 1-2-3 and Lotus Symphony

IBM PC and compatibles; £50.00

Disk; 5.25", 3.5"

Business education; Information handling; Statistics; Computer graphics; Secondary education; Further education

Allows user to load in own model with up to 6 variables evaluated as ranges of data. User specifies max. and min. values of the input variables for risk analysis, along with number of calculations required. Results presented statistically and graphically.

16+

River

See: Introducing geography

River Lymn

Newport, Lincoln: MEDUSA

198-

BBC B; BBC B+; BBC Master; £10.00

2 disks; Teacher notes

Geography; Environmental education; Databases; Information handling; Secondary education; General Certificate of Secondary Education

Provides data on river flow and rainfall derived from Anglian Water Authority mainframe files, with utilities to select from the data and produce graphs and histograms. Useful for teaching hydrology and GCSE project work

11-16

River profiles

St. Just: MJP (Michael Jay Publications)

198-

BBC B; BBC B+; BBC Master; £15.95 RML Nimbus; details from publishers

Disk; worksheets

Geography; Computer graphics; Databases; Secondary education; General Certificate of Secondary Education

Covers long profiles and cross profiles of rivers, looking at the effects of structures, rock types and changes in base level on these profiles. Incorporates question/response routines.

BBC 40t disk unless otherwise requested.

12-16+

River studies

London: ILECC (Inner London Educational Computing Centre)

198-

ILEA Advanced Field Study Centre

RM Nimbus; RM Nimbus network; £10.00

1 disk; 1 documentation booklet; 2 data sheets

Geography; Environmental education; Secondary education; A level examinations; General Certificate of Secondary Education; Further education

The River studies package provides a simple and attractive way to display the results of field work on river profiles and infiltration rates.

11-16+

River studies

Smith, John; Tysall, Graham

Harlow: Longman Micro Software

198-

BBC B; BBC B+; BBC Master 128; £25.00. Econet levels 2 & 3; SJ file server; AMCOM E-net; £30.00

Disks; documentation booklet; recording sheets

Geography; Data processing; Secondary education; Sixth form education; Further education; Databases; Content free programs

0582262135

A database and 4 analytical programs, encouraging exploration and testing of hypotheses: Precipitation (uses 28 days' data to produce a histogram); Cross profiles and long profiles (use channel and valley profile data to draw cross and long profiles); Discharge (calculates the discharge from a stream)

BBC 40t, 5.25" DFS

14-18

Rivers

London: ITV Schools

198-

BBC B; BBC B+; BBC Master 128; £21.75

Disk

Geography; A level examinations; Sixth form education; Secondary education; Higher education; Simulation; Information handling; Data processing

Datafiles are provided for two rivers. Data can be accessed, processed and analysed in a number of ways and important statistics such as cross sectional area and discharge are calculated and displayed. Modelling package allows rivers to be created and their development studied.

Associated ITV Schools programme: Geography today.

5.25", DFS

16-18+

Rivers and hydrology

Dolgellau: Science Education Software

198-

BBC B; BBC Master 128; Econet; £24.95 + VAT RM Nimbus; Acorn Archimedes; £25.95 + VAT RM Nimbus Network; £40.95 + VAT

Disk

Geography; A level examinations; General Certificate of Secondary Education; Secondary education; Sixth form education; Data processing; Computer graphics

May be used for A level and GCSE geography fieldwork, and in river project work with younger students. Covers: River network patterns; Downstream channel variations; Meanders, pools and braiding; River velocity cross section; Bankfull discharge; Low flow discharge; Storm hydrograph; Sediment downstream plotting; Sediment ternary graphs; Suspended sediment measurements; River bed sediment monitoring.

BBC 40t, 5.25" disk; BBC 80t, 5.25" disk; RM Nimbus, Acorn Archimedes, 3.5" disk

11-18

Road

See : Set of 13 reading and spelling programs

Road safety project : programs 1 and 2

Parkin, J.; Harrison, M.

Gravesend: Fernleaf Educational Software Ltd; Humberside County Council Road Safety Department

198-

BBC B (disk or cassettes); £15.61

Disk or cassettes; documentation

Language; Life skills; Primary education; Puzzles; Problem solving

Contents: To school carefully (7+ years); Make it safe (9+ years); Designed for use with small groups of children. Two programs with emphasis on problem solving and appropriate road safety strategies. Programs available individually on cassette only

7-9+

Road safety quiz

Cardiff: MEU Cymru

198-

BBC B; BBC Master; £7.00

Disk; user manual; workcards

Life skills; Primary education; Secondary education; Cross curriculum

An interactive learning tool to test knowledge of road safety skills, and reinforce correct road safety procedures, as pupils familiarise themselves with road safety using a quiz file and devising their own road safety quizzes, so encouraging consideration and analysis of road safety problems. Can also be used to produce question and answer routines in other curriculum areas

8+

Road, water and rail

London: Sussex Publications Ltd; World Microfilms

198-

History revision on micro-computer

BBC B; BBC B+; £18.95 Econet level 2; £29.95

Disk; manual

History; Secondary education; General Certificate of Secondary Education

Practical revision aid, with features including introductory material and maps where relevant. Covers roads; canals and railways. Available in set: History revision on micro-computer

BBC 40t or 80t disk

11+

Roadcraft 1

Swansea: HS Software

1986

BBC B; BBC B+; BBC Master 128; (cassette); £4.95 BBC B; BBC B+; BBC Master 128; BBC Master Compact; £6.95

Disk;

Personal and social education; Life skills; Puzzles; Problem solving; Infant school education; Primary education; Computer games; Computer graphics

A game helping children learn key aspects of road safety as they help "Roger Roadcraft" cross 3 separate roads without getting run over. A musical reward is given for collecting the maximum number of stars for using the safest methods during the journey.

BBC cassette; BBC 40 or 80t disk; Master Compact 3.5" disk

5-12

Roads

Anlon, J.; Kwenn, L.; Druz, D.

Gravesend: Fernleaf Educational Software Ltd

198-

BBC B (disk or cassettes); £31.26

Disk or cassettes

Language; Primary education; Secondary education; Puzzles; Problem solving

Contents: Oil deliveries; Which load?; The bypass; Black spots. Designed for use with small groups of children. Four programs concerned with planning, building and using roads, designed to accompany a project on roads. Programs available individually

8-12

Robot

See : Computers at work : the work game

Robot Arena

Leamington Spa: SPA (Software Production Associates)

198-

RML 380Z; RML 480Z; £19.00 RML 480Z Network; £59.00

Disk; Pupil's book; Teacher's guide

Computer programming; Simulation; Secondary education; Computer games

Encourages the development of good, structured programming style through the user programming sensors, movement, weapons and defences of up to five robots simultaneously to ensure their survival.

RML 380Z needs 56K, HRG and 80 chr screen.

11-18

Robot, Trains, Routes and Postman

London: ITV Schools

198-
BBC B; RML 480Z; £15.00
Disk

Problem solving; Puzzles; Primary education;
Secondary education

Contents: Robot (one set of pupils manoeuvre a robot using simple command language to find a radio-active isotope hidden by another set);
Trains (four programs demonstrating the difficulty posed by a sorting task for an unaided human); Routes (find the shortest route to visit a number of locations); Postman (an extension of Routes with problems of varying complexity).
Associated ITV Schools programme: The micro at work.

BBC 5.25", DFS
9-13

Robotics challenges

Cardiff: MEU Cymru

198-
BBC; £10.00
Disk; book

Control technology; Design; Craft, design,
technology; Primary education; Secondary
education

A beginner's guide to using the micro for
controlling motorised construction set models.
Focuses on the problems associated with the
design, structure, control and performance of
models

5+

Rock soft

St. Just: MJP (Michael Jay Publications)

198-
BBC B; BBC B+; BBC Master; £19.95 RML
Nimbus; details from publishers

Disk
Geography

Allows the user to construct geological sections
using deposit; tilt; erode; fold and fault keys;
clarifies the concepts of overlap and overstep.
Includes screen dump for Epson printer.

BBC 40t disk unless otherwise requested.

Rocket

Chepstow: AVP Computing
198-

BBC B; BBC B+; BBC Master 128; Electron
(BBC DFS); £19.50 BBC Master Compact;
£21.70 RM Nimbus; £24.50 RM Nimbus
network; (up to 16 machines) £45.00; (up to 48
machines) £65.00

Disk; notes

Physics; Secondary education; Simulation;
Computer graphics

Includes teaching/experimental/testing sections
on velocity, distance time graphs and the
relationship between them: User flies a rocket
with realistic sound effects and graphics, while
velocity and distance time graphs plotted by
machine code routines are displayed.

Only specify 80t if you cannot use 40t disks.

14+

Rocket Maths

See: Fun with numbers

Rocket Raid

See: Acornsoft hits 1

Rockets

See: Touch games 1

Rocks and minerals

Norwich: ITV Schools

1989

Earthdata; Key datafiles

BBC B; BBC B+; BBC Master 128; £17.25 RM
Nimbus; £18.40 Acorn Archimedes; details to
be announced

1 disk; Teacher's notes; Students' notes;
Worksheets

Geography; Sciences; Secondary education;
Information handling

Datafile for use with Key. Students look at
alternative sources of different elements, look
for patterns in geographical distribution of
minerals, study families of minerals etc.
Designed to meet the National Curriculum
requirements of the Earth Sciences

BBC, 5.25" DFS; Converts for Key 128 or Key
Econet

8-18+

Rocky shoreline

See: Cambridge identification keys

Roll over

Worth School

Crawley: W.E. Soft

1987

BBC B; BBC B+; BBC Master 128; £10.00

Disk; overlays

Shape recognition; Mathematics; Preschool
education; Infant education; Primary education;
Special educational needs

Helps user to recognise various simple geometric
shapes; to distinguish between more difficult
shapes; to recognise displayed words and
pictures. The user has to match a highlighted
shape on the left of the screen with the same
shape on the right side of the screen.

Please specify whether 40t or 80t disk required.
Please specify whether A3 or A4 overlays are
required. Uses concept keyboard; touchscreen;
computer keyboard; switches.

4+

Rollerball

See: Probability and statistics programs

Roman Britain : second century

Glasgow: CDG (Scotland) Ltd.

198-

BBC B; BBC B+; BBC Master 128; £15.50
Acorn Archimedes; IBM PC; RM Nimbus;
£21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

History; Databases; Secondary education

1870307291

A survey of the Roman impact on Britain
through an examination of data on invasion

patterns; main roads; towns and forts. Includes
a special study on a Roman fort. Structured
modular work units accommodate all ability
levels; integrate computer procedures and assist
in the acquisition of knowledge and
understanding, developing enquiry, evaluation
and analysis skills, etc. Optional Epson
compatible screen dump (BBC/Nimbus only)
available - £7.50 (BBC); £13.50 (Nimbus).
Discounts available for purchase of any two or
more datapacks - details from publishers.

Please state format required: BBC 40 or 80t disk
IBM PC (EGA/ECD only).

12-16

Romeo and Juliet

London: Sussex Publications Ltd; World
Microfilms

198-

Shakespeare on disk

IBM PC and compatibles; RM Nimbus; £25.00

Disk; manual

English; English literature; Secondary
education; Sixth form education; General
Certificate of Secondary Education; A level
examinations

ASCII text file, allowing MS DOS word
processors to be used to perform analyses of
Romeo and Juliet; scan the entire play for
keywords; compare vocabulary and speeches
among several plays; prepare tests; print out
dramatic scripts with comments and stage
directions; print copies of the plays and selected
passages; add comments, notes, critical opinion
etc. into the text

11+

Rompton Combe

Willink, Nick

Spalding; Magnoliasoft, Exeter: Magnolia Soft
order via Chalksoft Ltd

1987

BBC B; BBC B+; BBC Master; £16.00 A3000;
£19.00

Disk

History; Primary education; Secondary
education; Simulation

A simulation of the excavation of a Roman
fortress and villa, encouraging discussion, group
decision making, systematic organisation of
information and logical problem solving.

Please state whether 40-track or 80-track disks
are required.

8-13

ROMS Viewbank and dictionary

Tunbridge Wells: Compaid Trust

1987

BBC B; BBC Master 128; £15.00 BBC Master
Compact; £20.00

Disk; chip

Special educational needs; Word processing;
Utilities

Includes dictionary for use with Acornsoft's
View word processor. Features pull-down
menus, fast word search. Includes 13,000 words
on the chip; a further 23,000 on the dictionary
disk

BBC 80t 5.25" DFS disk (please specify if 40t
required). Runs with 2 switches connected to
either the two fire button inputs at the back of
the BBC B or Master, the left and right joystick
controls of the Master Compact

Room

Colwell, G.

Houghton-on-the-Hill, Leicester: MUSE
(Microcomputer Users in Education)

1984

BBC B; £4.00

Disk; Documentation

Craft, design, technology; Secondary education;
Computer graphics; Computer assisted design

Program uses interactive graphics to design a room layout. The components may be rearranged and changed by a simple transformation. May be incorporated into many schemes of work including area, coordinates, maps and plans.

Rostar 3 : a complete timetabling package for the Apple

Birmingham: Hutchinson Software

198-

Apple II; £250.00

Disk

Schools; Timetables; Administration

A fully interactive, whole school timetabling package.

Requires an Apple II with 64K and will benefit from the use of an 80 column- card.

Rotaview

Sheffield: COIC Software

198-

BBC B; BBC B+; BBC Master 128; (40t; single)
£50.00

Disk (40t)

Craft, design, technology; Databases;
Information handling; Computer graphics;
Word processing; Sixth form education; Further
education; Secondary education

Contains viewdata and ASCII terminal software;
mode seven screen editor; off-line database
facilities. Includes sample training database
which can be used for off-line familiarisation of
on-line systems. Can be used to set up school or
college's own interactive information service.

BBC B, B+, Master 128 (40t disks); Master 40
or 80 track drive and colour monitor essential;
parallel printer advisable. 5.25" disk versions run
under DFS operating system.

14-16+

Rotaview + host

Sheffield: COIC Software

198-

BBC B; BBC B+; BBC Master 128; (80t dual,
double) £64.00

Disk

Craft, design, technology; Databases;
Information handling; Computer graphics;
Word processing; Secondary education; Further
education; Sixth form education

An upgrade of the 40t Rotaview, containing host
software for on line use.

BBC B, B+, Master 128 (80t disks); 80 track
drive and colour monitor essential; parallel
printer advisable. 5.25" disk versions run under
DFS operating system.

14-16+

Round

See: Junior suite

Round

See: Secondary maths 1

Roundcorr

See: Pebble shape and form : practical analysis

Roundness

See: Pebble shape and form : practical analysis

Routes

See: Robot / Trains / Routes / Postman

Rubber band powered vehicle

Lewis, Tim

Sheffield: Pavic Publications

198-

BBC B; £6.95

Disk or cassette; teacher notes; pupil worksheets;
activity sheets

Technology; Craft, design, technology; Primary
education; Secondary education

Introduces technology into the curriculum for
middle and earlier secondary pupils.
Documentation available separately - £3.95.

BBC 40t or 80t disk; BBC cassette

9-13

Running on the spot

See Cedars get fit set

Running the British economy 1987

Lumsden, Keith; Scott, Alex; Esme Fairbairn
Research Centre

Harlow: Longman Micro Software

1987

BBC B; BBC B+; BBC Master 128; IBM PC;
RM Nimbus/Network; £50.00

1 disk; 1 documentation booklet

Economics; Sociology; Simulation; Secondary
education; Sixth form education; Further
education; Adult education; Business education

0582009839

Based on the British economy, the program
captures the dependency of Britain's economy
on international trade, exchange rates, foreign
currencies and capital flows; and enables the
student to discover the effects of different
choices of monetary and fiscal policies on the
economy

BBC 40t, 5.25" DFS; IBM PC 5.25"; RM
Nimbus/Network 3.5" disk

16-19

Russia and the United States

Chepstow: AVP Computing

198-

Basic regional geography

BBC B; BBC B+; BBC Master 128; Electron;

Educational Software ROO - RUS

£17.50 Acorn Archimedes; RM Nimbus; Amiga;
£24.50 BBC Master Compact; £19.70 Econet;
£52.50 RM Nimbus network; £45.00 (up to 16
machines); £65.00 (up to 48 machines)

Disk

Geography; Secondary education

Helps in teaching basic features - names,
positions of seas; rivers; towns; mountains, etc.
Includes interactive sequences which allow for
and correct spelling errors.

Only specify 80t if you cannot use 40t disks.

11+

Russian nouns

Adshead, Dave

London: Wida Software Ltd

1988

BBC B; BBC B+; BBC Master; £27.50 BBC
Econet Level 2/3; £55.00

Disk

Modern languages; Russian; Secondary
education; Sixth form education; Further
education

Helps students with the complexities of Russian
nouns and their endings, including irregular
nouns and the genitive plural. Includes Cyrillic
key board trainer

BBC 40/80t; programs convertible by user for
Master Compact

12-16+

Russian Revolution

Brighton: Spartacus Educational Software

198-

Books and software for GCSE

BBC; £13.00 (15% discount if cheque enclosed
with order)

Disk; documentation

History; Secondary education; General
Certificate of Secondary Education; Simulation

A role playing program, in which students
become members of the Bolshevik Military
Revolutionary Committee, deciding their tactics
as they try to overthrow the Provisional
Government. After students have completed
their simulation, the computer then takes them
step by step through the events of the Russian
Revolution. Available in set 'Books and Software
for GCSE'.

11-16

Russian Revolution

London: Sussex Publications Ltd; World
Microfilms

198-

History revision on micro-computer

BBC B; BBC B+; £18.95 Econet level 2; £29.95

Disk; manual

History; Secondary education; General
Certificate of Secondary Education

Practical revision aid, with features including
introductory material and maps where relevant.
Covers Russia at the start of the century; war
and revolution 1904-1905; Lenin's years 1917-
1924. Available in set: History revision on micro-
computer.

BBC 40t or 80t disk

11+

Russian verbs

Ashtead, Dave

London: Wida Software Ltd

1988

BBC B; BBC B+; BBC Master; £27.50 BBC Econet Level 2/3; £55.00

Disk

Modern languages; Russian; Secondary education; Sixth form education; Further education

Covers Russian verb forms and endings. Includes Cyrillic keyboard trainer

BBC 40/80t; programs convertible by user for Master Compact

12-16+

Russian word games

Chepstow: AVP Computing

BBC B; BBC B+; BBC Master 128; £19.50

Modern languages; Russian; Secondary education

Contents : Snap, Memory and Wordsquare - three games to help pupils of all ages to learn vocabulary

13+

Russkie Slova

Bivon, Roy

London: Wida Software Ltd

198-

BBC B; BBC B+; BBC Master; £32.50 BBC Econet Level 2/3; £65.00

Disk

Modern languages; Russian; Secondary education; Sixth form education; Further education; Authoring aids

A purpose-made fill-in-the-answer authoring program, which temporarily reconfigures the BBC keyboard to Cyrillic without hardware modification. Questions, with up to four possible correct answers which the student has to type in, can be in Cyrillic or English or both

BBC 40/80t; programs convertible by user for Master Compact

12-16+

Russkie Vybor

Bivon, Roy

London: Wida Software Ltd

1987

BBC B; BBC B+; BBC Master; £32.50 BBC Econet Level 2/3; £65.00

Disk

Modern languages; Russian; Secondary Education; Sixth form education; Further education; Authoring aids

Multiple-choice authority program, with questions and answers displayed in Roman or Cyrillic or both. Up to 30 questions per exercise; 24 exercises per disk. BBC keyboard is temporarily reconfigured to Cyrillic without hardware modification.

BBC 40/80t; programs convertible by user for Master Compact

12-16+

SADE : version 1.0

Edinburgh: Apple Developers Group

198-

Apple Macintosh; £50.00

Disk

Computer programming; Programming languages; Utilities

A source-level symbolic debugging environment, for debugging applications and MPW tools built using version 3.0 of MPW Assembler, C and Pascal. Most interactions use the mouse. Includes set of pre-defined menus, providing all basic debugging features, e.g. setting breakpoints, viewing variables and structures at course level and stepping through code. System can be used to check a condition each time a routine is called; break the third time the condition arises and display variables, structures and information about the state of the program.

Requires at least 2Mb RAM (preferably 2.5 to 4Mb); hard disk drive; MPW version 3.0 and MultiFinder.

Safety

Glasgow: Collins Educational

198-

Microspecial

BBC B; BBC B+; £20.00

Disk; documentation; teacher notes

Cross curriculum; Life skills; Puzzles; Problem solving; Special educational needs; Secondary education

A friendly, flexible program using a problem solving, structured approach, allowing teachers to design an individualised program, controlling difficulty level and altering data to suit requirements of pupils. Includes monitoring and assessment facility. Suitable for either individual or group use. Contained in Microspecial pack. Documentation available separately. Bulk purchases and site licences available - details from publishers.

11-15

Sailing

Glasgow: Scetlander

BBC B; BBC B+; BBC Master 128; £7.50

Disk; Teachers notes

Mathematics; Geography; Primary education; Secondary education; Adventure simulation; Computer graphics

1855720841

Teaches and gives practice in bearings, as pupils skipper a small boat around the northern coast of Britain, visiting ports and negotiating the coastline, carefully planning their trip to take account of distance and direction.

BBC 5.25" disk

9-14

Sailing ships game

See: Physical geography pack

Sailing south

Studley: LTS (Learning and Training Systems)

198-

BBC B; BBC Master; BBC Master Compact; (80t only); Econet; £25.95

Disk

History; Geography; Economics; Primary education; Secondary education; Sixth form education; Further education; Databases

Deals with the settlement of South Australia, containing information on the first 500 European settlers to arrive at Botany Bay and providing a useful resource for courses in history, geography, economic and world politics. Includes Database program, but may also be used with Desktop.

Network software on 80t DFS with transfer instructions. For stand alone software, please specify format required.

9-18+

Sales ledger

Exeter: Minerva Software

198-

DeltaPlus accounts

Acorn Archimedes; £64.95 BBC B; BBC B+; BBC Master 128; Master Compact; £45.95

Disk

Business education; Secondary education; Sixth form education; Further education

Integrates fully with invoicing module for automatic update or transactions may be entered manually. Reports include daybook, analysis, aged debtor, monthly control report, etc. Statements may be produced to various criteria - e.g. over 90 days with balance greater than £1000. Integrates with Order processing/ invoicing and Nominal ledger. Archimedes version utilises extra screen facilities, has greater speed and storage capacity and additional facilities.

Require the use of System Delta commands which are supplied with System DeltaPlus

12-16+

Salesman

See: Teaching with a micro : maths 1

Salt

See : Industrial chemistry and other 16+ topics

Salts : preparation and solubility

Studd, John M.

Plymouth: Garland Computing

1987

BBC B; BBC B+; BBC Master 128; £17.65 RM Nimbus; Acorn Archimedes; £20.00 IBM PC compatibles; details from publishers Nimbus network; £37.65 Econet; £35.30

Disk

Chemistry; Secondary education; Sixth form education; Further education

3 programs for use in revision and supplementing practical work: one is a revision aid on salts structure and formation; another tests knowledge of the correct methods for preparation of salts; the third generates results which might be obtained when determining solubility of salts at different temperatures, avoiding repetitive time-consuming determinations, allowing pupils to concentrate on calculations and graph-plotting. Site licences multiple copy discounts available; details from publisher

BBC 40 or 80t (please specify). RM Nimbus versions supplied with BBC- BASIC.

14+

Salts and solubility

See : Chemistry collection

Sample

See: Plant ecology field study techniques

Sampler

See: Probability and statistics programs

Samples

See : A level maths with statistics

Sampling distributions

Harlow: Longman Micro Software
198-

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; £19.50 BBC Econet; SJ file server; AMCOM E-Net; £30.00

Disk

Mathematics; Statistics; Secondary education; Sixth form education; Further education

Uses random population samplings to study, e.g. the variability of a sample statistic; the forms of distribution of the sample mean; the relationship between man and variance of parent population.

BBC 40t, 5.25" DFS disk; BBC 80t, 5.25" disk; 15-18

Samseg

See: Secondary maths 2

Sand harvest

See: Learning geography with computers

Sand harvest : version 3

Liebling, Henry; Shephard, Patricia; Harris, Simon et. al

London: CWDE (Centre for World Development Education) Software
1990

IBM PS/2, model 50 or higher; RM Nimbus AX, VX, PC-286, 386; ICL DRS M40, 45, 50 or 55; £115.00

1 disk; 1 poster; 4 booklets: Organiser's Manual, Villager's Handbook, Nomad's Handbook, Government Officer's Handbook; 1 leaflet: Mali and African famine; 4 role sheets

Geography; Environmental education; Simulation; Secondary education; Sixth form education; Further education

0901988162 (documentation); 0901988170 (disk)

A role play simulation concerned with the causes and effects of desertification in the Western Sahel, based on life in Mali, from three perspectives - Nomad, Government Officer, Villager

3.5" disk

11-Adult

Sandwiches

See: Teddy bears' picnic

Sans-faut spelling checker

Wilmslow: ACI (UK) Ltd.
198-

Apple Macintosh; £165.00

Disk

Databases; Data processing; Information handling; Spelling

A spelling checker for use with 4th Dimension and 4D Runtime.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Satellite orbits

London: King's College, Chelsea
198-

Apple II, IIc, IIe; Acorn Archimedes (transfers under consideration); BBC B; BBC B+; BBC Master 128; RML 380Z; RML 480Z; RM Nimbus; IBM PC

1 disk; 1 booklet

Sciences; Physics; Secondary education; Sixth form education; Further education; Simulation

This program simulates the experiment suggested by Newton, allowing students to vary the height of the mountain, the initial speed of an object thrown from the top of it and compare the period and shape of different orbits.

15-19

Satellites

See: Gravity pack : three simulations of forces and fields

Save the mouse

See: Albert's house

Save the whale

See: Whale games

Saxon invader

Spalding: Saxon Software

198-

BBC B; BBC B+; BBC Master; £13.00

Disk 40t/80t

History; Primary education; Secondary education; Simulation

Shows how the Saxons, Vikings and Normans invaded and conquered Britain from 275 to 1075 A.D. The user becomes an invading Saxon leader, moving around a screen map of eastern England, aiming to increase land holdings and safety, against the Vikings and the Normans.

Please state whether 40-track or 80-track disks are required

10-14

Saxons

Dalladay, C.G.

Plymouth: Garland Computing

1984

BBC B; BBC B+; BBC Master 128; £13.65 RM Nimbus; Acorn Archimedes; £16.00 Nimbus network; £33.65 Econet; £31.30

Disk; worksheets; activity suggestions

History; Simulation; Puzzles; Problem solving

A simulation in which pupils follow the life of an imaginary Saxon family during their first 30 years in Britain - making decisions about planting crops, building a village, following a trade. Ideal for a project on Saxon life. Site

licences, multiple copy discounts available; details from publisher.

BBC 40 or 80t (please specify). RM Nimbus versions supplied with BBC-BASIC.

9-12+

SBAS programs disk

Leamington Spa: SPA (Software Production Associates)

198-

RML 380Z; RML 480Z; RML 480Z Network; £11.00

Disk

Computer studies; Utilities

A selection of SBAS programs using the full features of SBAS structures. May be used as programs in their own right, or for inclusion in user programs. Serve as good examples of structured programming with SBAS.

Some of the programs need SPA's random access files.

Scalde

RJE Software

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1983

BBC B; £4.50

Disk

Mathematics; Secondary education

Illustrates scale reading and allows estimation by using a moving pointer on both integer and real scales. 12 grades.

Scale

See: Maps and landscapes; 2

Scales

Pearson, C.

Doncaster: RESOURCE

1988

BBC B; BBC Master 128; £6.50

Disk; 1 instruction sheet

Sciences; Mathematics; Primary education; Secondary education

A reinforcement tool for skill development in reading of scales e.g. on thermometers or laboratory vessels. Available either over PRESTEL or as a single disk. LEA/Regional licences and bulk purchase discount available
BBC 40t 5.25" DFS disk. 80t DFS available - surcharge of £1.50 per disk

7+

Scan analysis

Burcham, T.

Cambridge: Biosoft

198-

Apple Macintosh 512kE; Plus; SE; II; IIX; £199.00

Disk; manual

Sciences; Secondary education; Sixth form education; Further education; Adult education; Computer graphics

A densitometer for the Apple Macintosh, which uses data from ThunderScan scanners or TIFF

files from scanners such as QuickCapture, Apple Scanner, etc. Will integrate user-selected regions on polyacrylamide and agarose gels, autoradiograms, TLC plates, etc. Includes both automatic peak-sensing and manual integration modes. Multiple background subtraction modes include tangent skim and group-interpolated. Data files can be exported directly to word processing and spreadsheet programs. Fully multi-finder compatible.

Requires System Software release 6.0 or later
11+

Scan-light

Hemel Hempstead: Computer Concepts Ltd
1989

Acorn Archimedes; £399.00

ROM software; manual; A4 scanner; interface board

Utilities; Computer graphics; Design; Art; Desktop publishing

WIMP based package which can be used to input graphics or printed text into any Archimedes package that can handle sprites. Features include ability to view current scanned page within a window which can be scrolled and re-sized; zooming; pixel editing facilities; printer drivers for variety of matrix, inkjet and laser printers; saving files as a compressed data file, or sprite, etc.

Runs under both Arthur and RISC OS systems; requires 1Mb machine

Scan-light junior

Hemel Hempstead: Computer Concepts Ltd
1989

Acorn Archimedes; £189.00

ROM software; manual; A6 scanner; interface board

Utilities; Computer graphics; Design; Art; Desktop publishing

WIMP based package which can be used to input graphics or printed text into any Archimedes package that can handle sprites. Features include ability to view current scanned page within a window which can be scrolled and re-sized; zooming; pixel editing facilities; printer drivers for variety of matrix, inkjet and laser printers; saving files as a compressed data file, or sprite, etc.

Runs under both Arthur and RISC OS systems; requires 1Mb machine

Scarecrow

See: Farm

Scatchard analysis

Cambridge: Biosoft

198-

IBM PC and compatibles; £ 50.00

Disk; manual

Sciences; Secondary education; Sixth form education; Further education; Adult education

An easy to use program for fast analysis and storage of one-site ligand binding. Analyses radioligand binding data according to the modified Scatchard equation. Provides for easy entry of data and other values necessary for the calculations. Summary of results, graph of Scatchard plot and Kd and Bmax are displayed and may be printed to Epson compatible printers. Includes data editor, but data can also be entered using any editor which can download

ASCII files, including spreadsheets like Lotus 1-2-3

3.5" or 5.25" disk. Requires DOS 2.0 or later. Uses either colour or monochrome monitors; does not require graphics card

11+

Scatter

See : A level maths with statistics

Scatter graphs

St. Just: MJP (Michael Jay Publications)

198-

BBC B; BBC B+; BBC Master; £14.95 RML Nimbus; details from publishers

Disk

Geography; Computer graphics; Statistics

Graphs any two variables; correlation and nearest fit; files of socio- economic data allow inter-continental comparisons. Facility for overlays and print-outs.

BBC 40t disk unless otherwise requested.

Scavenger

St. Albans: Beebug

198-

Acorn Archimedes; £199.00 (members discount price)

Podule incorporating ROM; Software; Manual; Half-width scanner

Utilities; Desktop publishing; Word processing; Art; Design

WIMP-based software, offering variable image size; real-time window display; save all or part of scanned image as a sprite or bit-image draw file; conversion of dithered monochrome image to four or sixteen grey levels; edge detection; full control of optional sheet feeder (available for £169.00)

Requires podule backplane

Scavenger A4

St. Albans: Beebugsoft Ltd

198-

Acorn Archimedes; £399.00 (members' discount price)

Podule incorporating ROM; Software; Manual; A4 scanner

Utilities; Desktop publishing; Word processing; Art; Design

WIMP-based software, offering variable image size; real-time window display; save all or part of scanned image as a sprite or bit-image draw file; conversion of dithered monochrome image to four or sixteen grey levels; edge detection; full control of optional sheet feeder (available for £169.00)

Requires podule backplane

Scenario designer

MESU, North West SEMERC; MESU, Special Needs Software Centre

Oldham: NCET/MESU, North West SEMERC
198-

Blue file

BBC B; £4.50

40t; 1 disk; 1 documentation booklet

Special educational needs; Primary education

An authoring program which allows the creation of new scenario programs like "Elmtree farm" and "Moving in". Contains some bugs, and there is no support for this program. Freely copiable for educational use in the UK.

Scene

See: Micros in the primary classroom : module 5

Schematics

Maidstone: Microspot

198-

Douglas CAD/CAM professional system

Apple Macintosh; £495.00

Disk

Computer assisted design; Design; Craft, design technology; Engineering; Electronics

A package providing facilities for drawing schematics; compiling schematic data into netlist and parts list format and creating customised schematic elements.

Operates on a Macintosh Plus; but a 2MB Macintosh II is recommended.

School administrator

Exeter: Minerva Software

198-

Acorn Archimedes; £149.95 BBC B; BBC B+; BBC Master 128; BBC Master Compact; £69.95

Disk

Schools; Educational administration; Recordkeeping

Caters for all school sizes; finds any information; pupil records allow for addition of extra fields; staff file holds details relevant to Form 7 statistics; extensive reporting by various criteria for class, school and examinations lists. Files transferrable to Delta, Gamma or Sigma. Includes System DeltaPlus commands for operation. Site licences available.

RISC OS compatible

School text toad educational computing

Ashton-under-Lyne: Granada Educational Software

1989

BBC; £15.00

Disk

Language; English; Design; Word processing; Computer graphics

Enables school to run teletext news service.

Disk (1/4")

7-11

SchoolWorks

Reading: M.E. Electronics Ltd.

198-

Apple Macintosh; £450.00

Disk

Schools; Recordkeeping; Educational administration

A data management program, holding data in core module of Staff and student records, which will also hold data on feeder schools; supply teachers; governors; PTA members and other

groups. Additional modules are available - financial management; pupil profiling; pupil options; school library; school fees; applications and admissions - details from publishers.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

School-based inset : data handling

Newcastle Upon Tyne: Northern Micromedia 1990

BBC B; BBC Master; to be announced

Disk; reference cards

Cross curriculum; Information handling

Can be used by an individual teacher as distance learning material or by a group with a tutor

School-based inset : display with a computer

Newcastle Upon Tyne: Northern Micromedia 1990

BBC B; BBC Master; to be announced

disk; reports

Cross curriculum; Computer graphics; Art

Enables children's work and classroom displays to be enhanced by the use of the computer. Includes Pasteboard and assignments based on Tessa and Pattern.

School-based inset : word processing

Newcastle Upon Tyne: Northern Micromedia 1990

BBC B; BBC Master; £25.00

Disk; tutor's guide

Word processing; Cross curriculum; Schools; Educational administration

A teachers pack containing ideas for classroom management, quick reference cards and a book of reports from the classroom on how word processors can be used across the curriculum. Ideal for use on staff development days etc.

School-based inset : using concept keyboards

Newcastle Upon Tyne: Northern Micromedia 1990

BBC B; BBC Master; to be announced

Disk; sample overlays; classroom reports

Cross curriculum; Computer studies

The aim of this pack is to develop teachers' skills in making the most of the concept keyboard.

Science and technology software : pack 1

GSN software

Ashton-under-Lyne: Granada Educational Software

1989

Science and technology software

BBC B (40t); £18.40

Disk; Teacher's guide

Sciences; Physics

Associated with the Science and Technology TV series, but may be used independently. Contents:

Energy; Food technology. Energy allows pupils to investigate various methods of home insulation, and to experiment with solar gain.

Food technology gives pupils an insight into problems of vegetable storage and deterioration.

Disk (40t)

Science and technology software : pack 2

GSN Software

Ashton-under-Lyne: Granada Educational Software

1989

Science and technology software

BBC B; £24.95

Disk; teacher's notes

Sciences; Physics; Simulation

Associated with the Science and Technology TV series, but may be used independently. Contents: Car Design; Noise. Programs available individually. Car design represents effects on various passengers of a car crashing at speed. Noise allows pupils to experiment with the design of an airport and the operation of aircraft.

Disk (40t)

Science in process : pack 1

North London Science Centre; ILEA; MEP

London: Capital Media

198-

Science in process

BBC B; RML 480Z; £8.00

Disk; Teacher notes; Student notes

Sciences; Secondary education

Programs to accompany Heinemann 11-13 science materials "Science in Process". Contents: Camera; Ultra; Measuring; Radar; Keys.

BBC 40t s/s, s/d disk; RML 480Z d/s, d/d disk.

11-13

Science in process : pack 2

North London Science Centre; ILEA; MEP

London: Capital Media

198-

Science in process

BBC B; RML 480Z; £8.00

Disk; Teacher notes; Student notes

Sciences; Secondary education

Programs to accompany Heinemann 11-13 science materials "Science in Process". Contents: Reflections; Mobile; Populations; Treasure; Dating; Distillation

BBC 40t s/s, s/d disk; RML 480Z d/s, d/d disk.

11-13

Science in process : pack 3

North London Science Centre; ILEA; MEP

London: Capital Media

198-

Science in process

BBC B; RML 480Z; £8.00

Disk; Teacher notes; Student notes

Sciences; Secondary education; Computer games; Puzzles; Problem solving

Programs to accompany Heinemann 11-13

Educational Software SCH - SCI

science materials "Science in Process".

Contents: Diagram Quiz; Chemical games; Colours

BBC 40t s/s, s/d disk; RML 480Z d/s, d/d disk.

11-13

Science in process : pack 4

North London Science Centre; ILEA; MEP

London: Capital Media

198-

Science in process

BBC B; RML 480Z; £8.00

Disk; Teacher notes; Student notes

Sciences; Secondary education

Programs to accompany Heinemann 11-13 science materials "Science in Process". Contents: Circuits; Astronomical models

BBC 40t s/s, s/d disk; RML 480Z d/s, d/d disk.

11-13

Science in process : pack 5

North London Science Centre; ILEA; MEP

London: Capital Media

198-

Science in process

BBC B; RML 480Z; £8.00

Disk; Teacher notes; Student notes

Sciences; Secondary education

Programs to accompany Heinemann 11-13 science materials "Science in Process". Contents: Patterns

BBC 40t s/s, s/d disk; RML 480Z d/s, d/d disk.

11-13

Science in process : pack 6

North London Science Centre; ILEA; MEP

London: Capital Media

198-

Science in process

BBC B; RML 480Z; £8.00

Disk; Teacher notes; Student notes

Sciences; Secondary education

Programs to accompany Heinemann 11-13 science materials "Science in Process". Contents: Diagram processor; Reader

BBC 40t s/s, s/d disk; RML 480Z d/s, d/d disk.

11-13

Science in process : pack 7

North London Science Centre; ILEA; MEP

London: Capital Media

198-

Science in process

BBC B; £8.00

Disk; Teacher notes; Student notes

Sciences; Secondary education

Programs to accompany Heinemann 11-13 science materials "Science in Process". Contents: Word Index

BBC 40t s/s, s/d disk

11-13

Science start here 1 : Weather, Birds, Myself

London: ITV Schools

1987

BBC B; BBC B+; BBC Master 128; £10.50

2 disks; ITV Schools Teachers' guide; 4 textbooks

Sciences; Primary education; Secondary education; Information handling

Datafile for use with Key. Contents: Weather (pupils make school-based records and compare these with meteorological data compiled from over eight UK sites over the last 25 years. Link to National Curriculum: Science AT's 1, 9, 12 and Geography AT's 1, 2, 5); Birds (a program for recording bird activities and includes an identification key for some common species. Link to National Curriculum: Science AT's 1, 2, 12); Myself (a program for recording a range of body measurements, includes a standard data bank for comparison. Link to National Curriculum: Science AT's 1, 4, 12).

BBC, 5.25" DFS

8+

Science start here 2 : Food

London: ITV Schools

1987

BBC B; BBC B+; BBC Master 128; £7.95

Disk

Sciences; Nutrition; Primary education; Secondary education; Information handling

Datafile for use with Key. Pupils can record and analyse food intake. Ethnic and cultural diversity taken into account. Link to National Curriculum: Science AT's 1, 2, 3, 12.

BBC, 5.25" DFS

8+

Science 1

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £17.50

Disk

Sciences; Secondary education; Computer graphics

Contents: Balance (the principles of moments); Meter (electrical scales); Therm (reading of centigrade and clinical thermometers); Light (ray diagrams, principles of refraction, reflection).

Only specify 80t if you cannot use 40t disks.

11-16

Scientific eye

London: ITV Schools

198-

BBC B; BBC B+; BBC Master 128; £28.75

3 disks

Sciences; Problem solving; Secondary education; Information handling

Three programs extending skills in data handling, problem solving and decision making. decision making. Contents: Bughunt; Top gear; Spot the polluters. (Also available separately, price £11.50 each). Associated ITV Schools programme: Scientific eye.

5.25", DFS

11-13

Scoop

Preston, Christina (au.); Squires, David (ed.); Wood, Phil (programmer)

London: British Telecom Education Service

1986

Computers in the Curriculum

BBC B; BBC B+; BBC Master; RML 480Z; Nimbus; IBM; £1500

1 disk; 1 teachers' guide; documentation

Physics; Electronics; English; Business education; Secondary education; Adventure simulation; Databases; Cross curriculum

Scoop is a game concerned with the efforts of a journalist to secure a "scoop" about the sudden appearance of a millionaire recluse. The written notes which accompany the program are designed to focus the students' attention on the use of particular information technology devices, including a database, Prestel, telex and facsimile. They include exercises and assignments relating to locations and communications devices encountered in the game

11-16

Scotland today

Glasgow: CDG (Scotland) Ltd

1990

BBC B; BBC B+; BBC Master 128; £15.50
Acorn Archimedes; A3000; IBM PC (EGA/ECD); RM Nimbus; £21.50

Geography; Sociology; Environmental studies; Information handling; Data processing; General Certificate of Education; Prim ary secondary education; Secondary education

185395117X

A regional/district examination of Scotland including landuse, urban/rural balances and some environmental data

12-18

Scotland 3D physical landscape

Glasgow: CDG (Scotland) Ltd.

198-

3D physical landscapes

BBC B; BBC B+; BBC Master 128; £15.50
Acorn Archimedes; IBM PC; RM Nimbus; £21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

Geography; Databases; Secondary education

Designed to take advantage of the potential of the Three Dimensional suite. Deals with national aspects of land use, population, rainfall, relief, rocks, and temperature. Structured modular work units accommodate all ability levels; integrate computer procedures and assist in the acquisition of knowledge and understanding, developing enquiry, evaluation and analysis skills, etc. Optional Epson compatible screen dump (BBC/Nimbus only) available - £7.50 (BBC); £13.50 (Nimbus). Discounts available for purchase of any two or more datapacks - details from publishers

Please state format required: BBC 40 or 80t disk; IBM PC (EGA/ECD only)

12-16

Scottish housing study

Glasgow: CDG (Scotland) Ltd.

198-

BBC B; BBC B+; BBC Master 128; £15.50
Acorn Archimedes; IBM PC; RM Nimbus; £21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

Sciences; Sociology; Databases; Secondary education; Sixth form education

1853950963

A regional profile of housing in terms of numbers, age, amenities, home ownership, LA rental, private rental, public and private house construction, house prices, homelessness, mortgage loans and applications. Structured modular work units accommodate all ability levels; integrate computer procedures and assist in the acquisition of knowledge and understanding, developing enquiry, evaluation and analysis skills, etc. Optional Epson compatible screen dump (BBC/Nimbus only) available - £7.50 (BBC); £13.50 (Nimbus). Discounts available for purchase of any two or more datapacks - details from publishers.

Please state format required: BBC 40 or 80t disk; IBM PC (EGA/ECD only)

14-18

Scottish population study

Glasgow: CDG (Scotland) Ltd.

198-

BBC B; BBC B+; BBC Master 128; £15.50
Acorn Archimedes; IBM PC; RM Nimbus; £21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

Geography; Databases; Secondary education

1870307259

A regional profile in terms of population; social class; education and country of origin. Structured modular work units accommodate all ability levels; integrate computer procedures and assist in the acquisition of knowledge and understanding, developing enquiry, evaluation and analysis skills, etc. Optional Epson compatible screen dump (BBC/Nimbus only) available - £7.50 (BBC); £13.50 (Nimbus). Discounts available for purchase of any two or more datapacks - details from publishers.

Please state format required: BBC 40 or 80t disk; IBM PC (EGA/ECD only)

12-16

Scrabble

Leisure Genius

Virgin Games Ltd order via Wida Software Ltd

BBC B; Apple; £29.95

English; Spelling

04582200410 (BBC); 0582852536 (Apple)

Scrabble can be played on or against the computer at one of eight skill levels. The program includes a vocabulary of over 20,000 words

Scramble

See: Games : disk 1

Scrapbook

Llandudno: Micro Help

198-

BBC B; BBC B+; BBC Master; £12.95

Disk; documentation booklet

Databases; Information handling; Computer graphics

An electronic scrapbook. Applications include reference files; address lists; personnel type records; data sheets storage; slide show type presentations of text and graphics; storage of

Teletext screens for reference or re-use. Print option. Discounts offered on quantity orders
40t s/s DFS (60 pages); 40t d/s DFS (100 pages);
80t s/s DFS (160 pages) 80t d/s DFS (200 pages)

Scredit

Rowling, Colin

Street: Selective Software

198-

BBC B; BBC B+; BBC Master 128; £12.00 BBC Master Compact; £14.00

Disk; Manual

Art; Design; Primary education; Secondary education; Computer graphics

A Mode 7 drawing package, for designing, editing, saving or converting screens into a BASIC program; can be used "etchasketch" style.

BBC B 5.25" 40 or 80t disk; BBC Master Compact 3.5" disk.

7-15

Screen saver

Leamington Spa: SPA (Software Production Associates)

198-

RM Nimbus; £21.00 RM Nimbus Network; £54.00

Disk

Utilities

Saves screens of any resolution from any program; displays them later; prints out on wide range of printers - Epson, Integrrex, Canon, Citizen, Okimate 20 etc. Suitable saved screens can be loaded into PaintSpa or NewSPaper

Screen thief

MESU, North West SEMERC

Oldham: NCET/MESU, North West SEMERC

198-

Blue file

BBC B; £2.50

Version 1.6; 1 disk; 1 documentation leaflet

Utilities

A utility which 'freezes' program and enables the current screen display to be saved to disk and used in another program or dumped to a printer. It works with most (but not all) programs. May be freely copied for educational use in the UK.

Screenprint

Backwell, Bristol: Arrowsoft Educational Software

198-

BBC B; BBC B+; BBC Master; £30.00 BBC B; BBC B+; BBC Master (class pack); £120.00

Single copy: ROM and label; manual; installation instructions Class pack: 5 ROMs and labels; manual

Utilities

A screenprinting program enabling any screen to be printed from any program; prints on all Epson compatible printers in black and white. Ideal for instant feedbacks; permanent records; follow up work; editing; display.

Requires Epson compatible printer.

5+

Screenprint (class pack)

Evans, Nick

Wisbech, Cambridgeshire: esm

1987

BBC B; BBC B+; BBC Master 128; BBC Master Compact; £120.00 (Black and white) BBC B; BBC B+; BBC Master 128; BBC Master Compact; £160.00 (Colour)

5 ROMs; 1 user handbook

Utilities; Infant school education; Primary education; Secondary education

Prints any screen from any program. Can be used for creating workbooks, permanent records of work, activity cards and wall displays. Available in individual packs

Supplied on ROM. Black and white Screenprint prints in black and white on all Epson Compatible printers, colours being represented as shades of grey. The Star version of Colour screenprint, using Star or other dot matrix colour printers, allows either a colour or black and white dump. The other version prints in colour on an Integrrex/Canon or inkjet colour printer and black and white prints can also be obtained with an Epson compatible printer.

4-15

Screenprint (individual)

Evans, Nick

Wisbech, Cambridgeshire: esm

1987

BBC B; BBC B+; BBC Master 128; BBC Master Compact; £30.00 (Black and white) BBC B; BBC B+; BBC Master 128; BBC Master Compact; £40.00 (Colour)

1 ROM; 1 user handbook

Utilities; Infant school education; Primary education; Secondary education

Prints any screen from any program. Can be used for creating workbooks, permanent records of work, activity cards and wall displays. Available in class packs.

Supplied on a ROM. Black and white Screenprint prints in black and white on all Epson compatible printers, colours being represented as shades of grey. The Star version of Colour Screenprint, using Star or other dot matrix colour printers, allows either a colour or black and white dump. The other version prints in colour on an Integrrex/Canon or inkjet colour printer and black and white prints can also be obtained with an Epson compatible printer.

4-15

Screenreader window

RCEVH (Research Centre for the Education of the Visually Handicapped)

Oldham: Northwest SEMERC

198-

BBC B; BBC B+; BBC Master 128; £7.00

Disk

Special educational needs; Life skills; Infant school education; Primary education; Secondary education; Further education; Adult education

For visually handicapped people with some keyboard skills and some sight, wishing to use software not adapted for the partially sighted. Provides window display of up to 16 characters around point of typing.

Dolphin Window 16 character display.

5+

Screentest elementary

Maidment, Robert; Walley, John

London: Longman

198-

BBC B; BBC B+; BBC Master; Apple; £45.00 MS DOS; £55.00 BBC Econet Level 2/3; £100.00, site licence fee

Disk

English; Language; English (second language); Primary education; Secondary education

An elementary English language testing and practice pack, including exercise types such as space filling; sentence transformation; word formation; sentence completion and dialogue building

BBC 40/80t; programs convertible by user for Master Compact. MS/DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1MB memory & IBMulator. Apple II+, IIe, IIC and IIGs, under DOS 3.3. Programs convertible to PRODOS by user

8-15

Screentest for first certificate

Maidment, Robert; Walley, John

London: Wida Software Ltd

198-

BBC B; BBC B+; BBC Master; Apple; £45.00 MS DOS; £55.00 BBC Econet Level 2/3; £100.00, site licence fee

Disk

English; Language; English (second language); Secondary education

English language testing and practice pack, containing twenty grammar and vocabulary exercises in 4 groups, with tests in each group becoming more difficult. Exercises include space filling; sentence transformation; word formation; sentence completion and dialogue building.

BBC 40/80t; programs convertible by user for Master Compact. MS DOS 3.5", 5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1MB memory & IBMulator. Apple II+, IIe, IIC and IIGs, under DOS 3.3. Programs convertible to ProdOS by user

11-15

Screentest for proficiency

Maidment, Robert; Walley, John

London: Longman

198-

BBC B; BBC B+; BBC Master; Apple; £45.00 MS DOS; £55.00 BBC Econet Level 2/3; £80.00

Disk

English; Language; English (second language); Secondary education

As Screentest for first certificate but with texts and exercises directed at Proficiency level

BBC 40/80t; programs convertible by user for Master Compact. MS/DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1MB memory & IBMulator. Apple II+, IIe, IIC and IIGs, under DOS 3.3. Programs convertible to PRODOS by user

14+

ScriptReader and ScriptWriter

Watson, James; Watson, Deryn; Creasey, David; (et. al)

London: King's College, Chelsea

1988

Computers in the curriculum

RM Nimbus

Trials version 1; Stand-alone version; 2 disks; 1 documentation manual

Adventure simulation; Language; English; Creative writing; Secondary education

This educational software package contains 2 programs: ScriptReader and ScriptWriter. The first is designed along the lines of an adventure game in which the reader is placed in situations which require her to make a decision about where to go or what to do. The second program, ScriptWriter, enables students or teachers to sit down at the keyboard and create their own story. Using ScriptWriter can also extend existing stories in whatever way they please, but it will be necessary to familiarise themselves with the nature of the program, and its particular method of narration, which is radically different from conventional story writing.

11-16

Sea : programs 1-4

Cliffe, R.; Holst, T.; Druz, D. et al.

Gravesend: Fernleaf Educational Software Ltd 1985

BBC B (disk or cassettes); £31.26

Disk or cassettes

Language; Primary education; Secondary education; Puzzles; Problem solving

Contents: Riches of Shire; Ferry captain; Island yacht race; Thorn sea. Designed for use by small groups on children working on a project on the sea. Promotes language development through discussion, logical reasoning and planning strategies. Programs available individually

8-12

Seafax

Doncaster: RESOURCE

198-

BBC B; BBC Master 128; BBC Master Compact; RM Nimbus; £20.95 Econet; £28.95

2 disks; documentation; keystrip Econet pack includes 5 sets student documentation

Databases; Information handling; Primary education; Secondary education

Allows creation of a teletext type database of up to 99 pages/screens of information. Any screen can be called up by typing the page number; screens can be arranged into a series of up to 10 which will be displayed in sequence automatically. LEA/Regional licences and bulk purchase discount available

BBC B/Master 5.25" 40t DFS; Master 128 5.25" ADFS; Compact 3.5" ADFS. 80t DFS available - £1.50 surcharge per disk

7+

Seafish of Britain and Ireland

Norwich: ITV Schools

1989

Animals in action datafiles; Key datafiles

BBC B; BBC B+; BBC Master 128; £17.25 RM Nimbus; £18.40 BBC Econet; £21.50 Acorn Archimedes; details to be announced

1 disk; User's notes; Information sheets; Worksheets

Environmental education; Biology; Sciences; Primary education; Secondary education; Information handling; Computer graphics

Datafile for use with Key. Gives the latest information available on the structure and behaviour of commercially-fished species found around the British Isles. Includes two sets of distribution maps, one for spawning, one for catching. Helpful in meeting the I.T. requirements of the National Curriculum.

BBC B/Master, 5.25" DFS; BBC Master/Compact, 5.25" ADFS; Econet level 2 and 3, NFS

8-18+

Search the house

See: Albert's house

Seashore

London: ITV Schools

198-

BBC B; BBC B+; BBC Master 128; £16.00

2 disks

Environmental education; Biology; Sciences; Primary education; Simulation; Computer graphics; Databases

Comprises a pictorial datafile of common sea creatures with a linked identification package and a modelling section which allows pupils to study patterns of zonation on different shorelines and to change variables such as exposure and slope. Activity pack is available separately, price £5.30. Associated ITV Schools programmes: Environments; A place to live.

5.25", DFS

8+

Seashore ecology disk : collection

Kent, J.W.

Plymouth: Garland Computing

1984

BBC B; BBC B+; BBC Master 128; £23.55 RM Nimbus; Acorn Archimedes; £25.70 Nimbus network; £43.35 Econet; £41.20

Disk

Ecology; Secondary education; Sixth form education; Further education; Simulation

Contents: Littoral zonation (simulated distribution maps of 17 plant and animal species on the seashore, illustrating a range of patterns that may develop depending on exposure to rough weather); Gore point (a simulated distribution of a smaller number of species, but with more options, allowing the investigation of the effects of salinity, desiccation and exposure on distribution). BBC versions available separately. Site licences, multiple copy discounts available; details from publisher

BBC 40 or 80t (please specify). RM Nimbus versions supplied with BBC- BASIC.

16+

Seaside

Norgate, Jean

Sherston: Sherston Software

1990

BBC B; BBC B+; BBC Master 128; BBC Master Compact; (single pack) price on application BBC B; BBC B+; BBC Master 128; BBC Master Compact; (small lab pack) price on application

BBC B; BBC B+; BBC Master 128; BBC Master Compact; (large lab pack) price on application

Single pack: 1 disk; documentation Small lab pack: 1 copy of full pack plus 5 extra copies of disk Large lab pack: 2 copies of full pack plus 10 extra copies of disk

Language; Mathematics; Preschool education; Infant school education; Primary education; Computer graphics

A package based on a seaside theme, featuring Toby the dog.

BBC 40t 5.25" DFS; BBC 80t 5.25" DFS; BBC Compact 3.5" ADFS disk. 3.5" DFS and 5.25" ADFS disks also available

5-7

Seaside

See: Reading aid 3

Second odyssey

See Amazing galactic odyssey

Secondary maths with micros

Waddingham, Jo; Wigley, Alan

Hatfield: Advisory Unit

198-

INSET resource packs

BBC B; BBC B+; BBC Master 128; BBC Master Compact; Econet; RML 380Z; RML 480Z; Archimedes; £25.00 RM Nimbus; IBM PC; Amstrad PC and other IBM compatibles; £30.00 RM Nimbus upgrade (disks only); £5.00

Disks; 7 books

Mathematics; Primary education; Secondary education

0 946039 21 6

A resource pack on the use of computers as an aid to teaching and learning of mathematics in secondary and middle schools (ages 9-18). Contains 13 programs and 7 books. Bulk order discounts available.

Please specify machine version required.

Secondary maths 1

Newport, Lincoln: MEDUSA

198-

BBC B; BBC B+; BBC Master; £10.00

Disk

Mathematics; Puzzles; Problem solving; Secondary education; Computer games

Contents: 15 (a strategy game); Arith (mental arithmetic practice); Base (place value with base n arithmetic); HCF (highest common factor game); Nim (binary arithmetic game); Percent (percentage problems); Round (rounding numbers); Theta (visual estimation of angles).

11+

Secondary maths 2

Newport, Lincoln: MEDUSA

198-

BBC B; BBC B+; BBC Master; £10.00

Disk

Mathematics; Secondary education; Puzzles; Problem solving; Computer games

Contents: Dex (decimal expansion of fractions); Dice (random processes); Central Limit Theorem; Greq (graph plotting); Monte (Monte

Carlo Method for estimating Sieve (Sieve of Eratosthenes); Snoopy (linear transformations); Samseg (dynamic aspect of a locus); Zed (prime numbers game).

14+

Secondary maths 3

Newport, Lincoln: MEDUSA

198-

BBC B; BBC B+; BBC Master; £10.00

Disk

Mathematics; Puzzles; Problem solving; Secondary education; Sixth form education; Further education; Computer games

Contents: Needle (differential equations); Newton (planetary orbits); Jelly (a 'pathological' function); Binopo (graphs of Binomial, Poisson and Normal distributions); Bin (Binomial distributions) DE (second order differential equations); Fourier (Fourier Synthesis); Surf (3D surfaces); Aero (Jowkowski Aerofoils) 14 (a functions game); LinPro (Linear programming).

16+

Secondary software box

Wisbech, Cambridgeshire: esm

198-

BBC B; BBC B+; BBC Master 128; £105.00

6 disks

Language; Reading skills; Creative writing; Mathematics; Primary education; Secondary education

Motivates all reluctant pupils. Contents: Martello tower; Copywrite; Microstory; An eye for spelling; Maths 9-13; Wulfstan's wordhoard.

5.25" disks

9-16

Sediment movement calculation

See: Coastal studies : programs for fieldwork

See a sound series

Workshop: TGW Software Developments

198-

See a sound

BBC B; BBC Master; £15.00

3 disks

Primary education; Special educational needs; Computer graphics

A set of 3 disks in which the sound and graphics are synchronised in various ways - musically or meaningfully - for greater effect and reward value. Contents: See a sound 1; See a sound 2; See a sound 3. Programs available separately.

5.25" 40t disk unless 80t is requested; will operate on single or double density drives.

5+

See a sound 1

Workshop: TGW Software Developments

198-

BBC B; BBC Master; £5.00

Disk

Primary education; Special educational needs; Life skills

Involves splitting screen into 5 areas, each representing a note on the pentatonic scale and

each a separate colour or different shape or picture. Can be set to play a set of notes - e.g. could build up from name singing to short sentences to nursery rhyme lines etc. Encourages anticipation. Available in See a sound series.

5.25" 40t disk unless 80t is requested; will operate on single or double density drives.

5+

See a sound 2

Workshop: TGW Software Developments

198-

BBC B; BBC Master; £5.00

Disk

Primary education; Special educational needs

Small colour blocks appear on screen, with different colours, heights and lengths to represent pitch and duration of notes played. Tunes or sound effects can be chosen for their visual effect rather than sound qualities. Useful for visual attention; exploration; tracking; higher audio-visual skills. Available in See a sound series.

5.25" 40t disk unless 80t is requested; will operate on single or double density drives.

5+

See a sound 3

Workshop: TGW Software Developments

198-

BBC B; BBC Master; £5.00

Disk

Special educational needs; Computer graphics

Links moving pictures with appropriate sounds. The 14 pictures are mainly familiar and meaningful - they include a man stamping his feet; car starting and moving off; hands clapping; eye opening; dog barking etc. Links are conceptual as well as temporal and spatial. Useful for visual attention, tracking, anticipation, general visual-motor reward, etc. Available in See a sound series.

5.25" 40t disk unless 80t is requested; will operate on single or double density drives

5+

See you at the Great Exhibition

Spalding: Chalksoft Ltd; Saxon Software

198-

BBC B; BBC B+; BBC Master; £13.00

Disk 40t/80t

History; Primary education; Secondary education; Simulation

The user chooses to be one of eight farm labourers in 1809, with time advancing in six-monthly intervals. Details of income, expenditure, health, social changes are regularly updated on screen, to form the basis of the choices which the user must make. The aim is to survive successfully and visit the Great Exhibition of 1851.

Please state whether 40-track or 80-track disks are required.

10-14

Seed germination

Garland, John M.

Plymouth: Garland Computing

1984

Plant biology simulations

Educational Software SEC - SEL

BBC B; BBC B+; BBC Master 128; £13.85
Econet: £31.50

Disk

Biology; Secondary education; Sixth form education; Further education; Computer graphics; Simulation

A simulated experiment to determine the effect of environmental factors on seed germination and development. Contained in Plant biology ; disk 1 collection. Site licences, multiple copy discounts available; details from publisher

BBC 40 or 80t (please specify)

13+

Seeds

See: Probability and statistics programs

Seek

See: micros in the primary classroom : module 4

SEG supermarket

Fernley, Paul; Avis, Peter

Doncaster: RESOURCE

1988?

BBC B; BBC Master 128; £16.50 Econet; £25.50

1 disk; teacher guide; case study booklet; worksheets Econet packs include 5 sets student documentation

Information handling; Secondary education; Databases; Data processing; Simulation

A case study simulation of a supermarket/large store computerised till management system.

BBC B/Master 5.25" 40t DFS disk; Econet 5.25" 40t disk

12-15

Selection : volume 1

Gravesend: Fernleaf Educational Software Ltd

198-

Software selections

BBC B; BBC B+; BBC Master 128; BBC Master Compact; £19.95

Disk; documentation

Mathematics; Puzzles; Problem solving; Primary education; Secondary education; Computer games

Contents: Fletcher's Castle; Money target; Treasure; Perfume hunter; Thorn sea. Programs to encourage decision making in problem solving situations, encouraging group discussion

Please state make/model of computer; network system; disk size and printer.

7-13

Selection : volume 2

Gravesend: Fernleaf Educational Software Ltd

198-

Software selections

BBC B; BBC B+; BBC Master 128; BBC Master Compact; £19.95

Disk; documentation

Mathematics; Geography; Puzzles; Problem solving; Primary education; Secondary education; Computer games

Contents: The raiders; Can you make it?; Find the question; Deliver the message; Island yacht

race. Programs to encourage decision making in problem solving situations, encouraging group discussion

Please state make/model of computer; network system; disk size and printer.

7-13

Selection : volume 3

Gravesend: Fernleaf Educational Software Ltd
198-

Software selections

BBC B; BBC B+; BBC Master 128; BBC Master Compact; £19.95

Disk; documentation

History; Mathematics; Puzzles; Problem solving; Primary education; Secondary education; Computer games

Contents: The Bordar's daughter; Market stall; Bridges; Name the square; Ferry captain.

SEND sample disc

SCET (Scottish Council for Educational Technology)

Oldham: NCET/MESU, North West SEMERC
198-

Blue file

BBC B; £3.00

80t; 1 disk; 1 documentation booklet; 5 worksheets

Special educational needs; Databases; Viewdata

The SEND sample disk contains around 130 pages taken from SEND (Special Educational Needs Database), which illustrate the range of information and communication facilities provided by SEND. The disk is accompanied by a set of worksheets which are designed to lead new users through SEND's structure, and introduce them to viewdata techniques. Freely copiable for educational use in the UK.

Senior sketchpad

Green, R.; Marsden, M.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1984

BBC B; £7.00

Disk; Documentation

Art; Design; Craft, design, technology; Secondary education; Computer graphics

User can draw in any of eight colours on many backgrounds. Features allow colour filling of outlined areas, automatic plotting of circles and text.

Sense-it

Doncaster: RESOURCE

198-

BBC B; BBC Master 128; £13.50

Disk; documentation

Control technology; Primary education; Secondary education

Enables the use of the computer for sensing projects. LEA/Regional licences and bulk purchase discount available

BBC B/Master 5.25" 40t DFS; 80t DFS available - £1.50 surcharge per disk

8-15

Sentence builder

Wisbech, Cambridgeshire: esm

198-

Concept software box

BBC B; BBC B+; BBC Master 128; £19.95

Disk

Language; Reading skills; Creative writing; Spelling; Infant school education; Primary education; Special educational needs; Word processing

Uses the Concept keyboard as a writing device to enable children express linguistic skills without the physical chore of writing. Develops concept and structure of a sentence and story; understanding new words, and introduces word-processing. Contained in Concept software box.

BBC 5.25" disk; Uses Concept keyboard

4-8

Sentence scan

Edinburgh: CALL (Communication Aids for Language and Learning) Centre

198-

Apple Macintosh; BBC; details from publishers

Disk; manual

Reading skills; Special educational needs

Public domain software

SequeLink

Exeter: Maxima Communications plc

198-

Apple Macintosh; £4,930.00

Disk

Communication; Databases

An SQL development toolkit for the Macintosh, allowing user to access host-based SQL databases using an interface such as HyperCard.

Applications can trigger remote execution of data query; manipulation and definition instructions. Consists of a Vax server, a driver and a high-level interface module that resides on the Macintosh. Host servers are available for popular SQL databases such as Oracle, Ingres, and Vax-SQL.

Requires DECnet or AppleTalk for access to the host system. Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Sequencer

See: Sounds useful

Sequencer

RCEVH (Research Centre for the Education of the Visually Handicapped)

Oldham: Northwest SEMERC

198-

BBC B; BBC B+; BBC Master 128; £7.00

Disk; documentation

Special educational needs; Life skills; Infant school education; Primary education; Secondary education

For visually handicapped children with some sight, or the less able, multi-handicapped. Assists in teaching concept of a sequence, developing matching, discrimination and scanning skills. Each exercise consists of up to 10 tasks to test a particular skill.

Input via BBC keyboard or user port switch/

joystick or Concept Keyboard or Touch screen or Micromike or Analogue switch. Epson compatible or Integrex colour jet printer. Optional speech synthesiser.

5+

Sequences

See: Count, Tiles, Shape, Boxes, Sequences, Blocks 1 & 2, Clock, Stats and Logic 1.

Sequencing

See : Big match

Sequitur

Higgins, John; Higgins, Muriel

London: Research Design Associates order via Wida Software Ltd

1988

MS DOS; £29.95

Disk

English; Language; Reading skills; English (second language); Secondary education

A text sequencing tool which provides the first line of a text of prose, poetry or dialogue selected from its library. Students have to select one from three possible continuations

MS/DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1MB memory & IBMulator

11+

Serial file project

See: Designing software projects

Serial link RISC OS upgrade

St. Albans: Beebugsoft Ltd

198-

Acorn Archimedes; £3.20 (£2.40 members' discount price)

Disk

Utilities

Service

See: Railway drama

Set of 13 reading and spelling programs

Poole: Dorset County Psychological Service
1981-1983

BBC A; BBC B; (disk) £12.00 BBC A; BBC B; (tape) £10.00

Disk or tape; documentation

Language; Spelling; Reading skills; Special educational needs; Infant school education; Primary education; Computer games

A set of 13 programs to help with reading and spelling. Contents : Aliens; Flight; Lettergrab; Link; Match; Road; Soundsnap; Speed; Spell; Tank; Tankword; Twomen; Wordin

5+

Sets and operators : logic 2

Hewitt, Iris

Wisbech, Cambridgeshire: esm

198-

Shiva numeracy and logic programme

BBC B; BBC B+; BBC Master 128; £16.95

Disk; Teacher's handbook

Mathematics; Puzzles; Problem solving; Primary education; Computer games

Deals with the concepts of defining sets and negation, how an operation functions.

Contained in Shiva Numeracy and Logic programme and in Shiva Logic programme.

BBC 5.25" disk

5-11

Settle

Oxfordshire County Council, Computer Education Unit

Wheatley: Oxfordshire County Council, Computer Education Unit

1986

Humanities module : 5. Oxfordshire Modular Computer Education Course

RM Nimbus/Network; £27.00 RML 380Z/480Z/Network; £27.00

Disk; documentation booklet; classroom pack

Puzzles; Problem solving; History; Geography; Secondary education; Adventure simulation

Simulates the establishment and running of a new settlement, on an unidentified coastline of moderate climate, at some point in the past with pupils in the role of leaders, responsible for managing resources to ensure its survival. Bulk discounts/LEA licences available. Extra copies of booklet £4.00.

RM Nimbus/Network 3.5" disk; RML s/d 5.25" disk for RM 480Z L4 or L5 with disks or on network; RM 380Z with disks, 56K memory and high resolution graphics.

12-16

Settlement

Wisbech, Cambridgeshire: esm

198-

BBC B; BBC B+; BBC Master 128; £17.95

Disk

History; Geography; Sociology; Music; Primary education; Secondary education

Gives children an active role in setting up an 18th century colony, working in groups to explore ideas and make decisions, analyse information, discuss causes and consequences, thus reinforcing important historical and geographical concepts. A stimulus for further research, discussion and cross curricular activities

BBC 5.25" disk (40t)

9-14

Settlements

See: MEP / GAPE Project geography programs

Seven in June

See: Making connections

Seventeenth century Europe

Dyer, A.D.

Bangor: Akadimias

198-

Tutor series : British and European history

BBC B; BBC Master 128; Econet levels 2 & 3; Acorn; RM Nimbus PC 186; RM Nimbus AX series; Nimbus network; Amstrad 6128 & PCW; IBM PC compatible; £25.00 (includes site licence for up to 10 terminals)

Disk; study booklet; reading list

History; Secondary education; Sixth form education; Further education; A level examinations

A program to test student knowledge with questions in a multiple choice format, in either a random or sequential order, and with various user selectable time-bases against which the test may be taken. Facilities for revision; sequential, random test modes; with four time based skill levels in each test mode. Topics are : Henry IV and Richelieu; Spain 1598-1700; the Dutch Republic; the Thirty Years War; Sweden, 1611-1697; Mazarin and Louis XIV; war and peace, 1648-1700; Austria and Russia; science and thought. Discounts available: details from publisher

BBC 40 or 80t disk (please specify). Acorn DFS & ADFS; RM Nimbus 3.5" disk; Amstrad disk; IBM P C 5.25" or 3.5" disk (please specify).

16+

Sex determination

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £19.50 BBC Master Compact; £21.70 Acorn Archimedes; £24.50 Econet; £58.50 RM Nimbus; £24.50 RM Nimbus network; £45.00 (up to 16 machines); £65.00 (up to 48 machines)

Disk

Biology; Genetics; Statistics; Secondary education; General Certificate of Secondary Education

Helps understanding of the concept of inheritance of sex, developing the idea of a 50/50 chance of producing male and female offspring; also introduces probability and statistics.

Only specify 80t if you cannot use 40t disks.

14-16

Shadows

See: Videomaths 2

Shallow Hill

Jenkins, Isobel; Blow, Frances; Watson, Deryn; et. al

Harlow: Longman Micro Software

1986

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; Acorn Archimedes; £19.50 Econet levels 2 & 3; SJ file server; AMCOM E-net; RM Nimbus/Network; £30.00

1 disk; 1 documentation booklet; Students' leaflets; 1 running sheet

History; Archaeology; Geography; Simulation; Secondary education

0582268672

Simulation of an excavation of a fictitious site, in which students classify finds by type and period, then construct an interpretation of settlements and activities on the site through time.

Educational Software SET - SHA

BBC 40t, 5.25" DFS; BBC 80t, 5.25"; Archimedes 3.5"; Nimbus/Network 3.5" disk 13-16

Shape

See: Microprimer software : pack 2

Shape

See: Count, Tiles, Shape, Boxes, Sequences, Blocks 1 & 2, Clock, Stats and Logic 1.

Shape happy

Sheffield: Pavic Publications

198-

BBC B; £8.85

Disk or cassette

Art; Computer assisted design

Drawing by computer for all ages

BBC 40t or 80t disk; BBC cassette

Shape snap

See: Fun school for under 6s

Shapes

See: Educational 1

Shapes

Glasgow: Collins Educational

198-

Microspecial

BBC B; BBC B+; £20.00

Disk; documentation; teacher notes

Mathematics; Design; Craft, design, technology; Cross curriculum; Life skills; Puzzles; Problem solving; Special educational needs; Secondary education

A friendly, flexible program using a problem solving, structured approach, allowing teachers to design an individualised program, controlling difficulty level and altering data to suit requirements of pupils. Includes monitoring and assessment facility. Suitable for either individual or group use. Contained in Microspecial pack. Documentation available separately. Bulk purchases and site licences available - details from publishers.

11-15

Shape-up

London: ITV Schools

198-

BBC B; BBC B+; BBC Master 128; £17.25

Disk

Mathematics; English; Language; Infant school education; Primary education; Computer graphics

Encourages pupils to recognise, match and experiment with 2D shapes, colour and text. Pupils can create pictures, colour them, add text and then print their work. Being open-ended and flexible, the software can be used creatively and meets many of the Maths and English National Curriculum programmes of study for Key Stage 1.

Shares for all : numeracy 5

Hewitt, Iris

Wisbech, Cambridgeshire: esm

198-

Shiva numeracy and logic programme

BBC B; BBC B+; BBC Master 128; £16.95

Disk; Teacher's handbook

Mathematics; Puzzles; Problem solving; Primary education; Computer games

Deals with the concepts of division up to 5 of numbers, money and remainders. Contained in Shiva Numeracy and Logic programme and in Shiva Numeracy programme.

BBC 5.25" disk

5-11

Shell 1

Hitchin: James Nisbet & Co Ltd

198-

BBC B; £13.50

1 disk; full documentation

Cross curriculum; Schools; Recordkeeping; Databases; Content free programs; Primary education

0720214742

The program provides a framework for the teacher to create individual work projects tailored to subject and teaching level. It supplies the presentation, reward and report formats

6-10+

Shepherd

Holgate, P.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1985

BBC B; £6.00

Disk; Documentation

Computer studies; Control technology; Primary education; Computer games; Computer programming

First step in exploring the principles of computer programming. Shepherd is a "pre-logo" game which allows the user to program a sheepdog's moves as he tries to gather his sheep. Directions may be given with cursor keys, compass directions or left/right/forward. Also contained in: Computer awareness

Shields

Gravesend: Fernleaf Educational Software Ltd

198-

BBC B; BBC B+; BBC Master 128; BBC Master Compact; £15.95

Disk; documentation

Cross curriculum; Utilities; Primary education; Secondary education

A software utility for designing and printing out shields, crests and coats of arms. Features include 10 pre-designed devices; facility to re-draw the devices; to save designs for later use; single key press printing. Provides introduction to heraldry; can be easily linked to many areas of topic work. Also available in Heraldry resources pack.

Please state make/model of computer; network system; disk size and printer.

8-14+

Ship

See: Early maths suite

Shiva logic programme

Hewitt, Iris

Wisbech, Cambridgeshire: esm

198-

Shiva numeracy and logic programme

BBC B; BBC B+; BBC Master 128; BBC Master Compact; RM Nimbus; £65.00

Disks; teacher's handbooks

Mathematics; Puzzles; Problem solving; Primary education; Computer games

Contents: Logic 1 (Launching logic - one-one correspondence, reflection, negation, large/small, thick/thin, colour/shape); 2 (Sets and operators - define sets and negation, how an operation functions); 3 (Decisions - how an operation functions, connective idea of 'or' using relationships); 4 (Ordering - ordering and sorting according to two attributes, negative attributes, subsets and their complements, conjunctive, disjunctive); 5 (Differences - attributes and making two-decision changes to anticipate result of one decision changes, planning ahead, the 'e between' relationship). Programs available individually for BBC B, B+, Master 128. Also contained in Shiva numeracy and logic programme.

BBC 5.25" disk; Compact, Nimbus 3.5" disk

5-11

Shiva numeracy and logic programme

Hewitt, Iris

Wisbech, Cambridgeshire: esm

198-

BBC B; BBC B+; BBC Master 128; BBC Master Compact; RM Nimbus; £100.00

Disks; teacher's handbooks

Mathematics; Puzzles; Problem solving; Primary education; Computer games

11 programs to support mathematics curriculum throughout the primary school. Contents: Numeracy 1 (Lift off with numbers), 2 (Additional fun), 3 (Playing with places), 4 (Happy times), 5 (Shares for all); Logic 1 (Launching logic), 2 (Sets and operators), 3 (Decisions), 4 (Ordering), 5 (Differences); Revision (4 rules OK?). Available as two separate packs - Shiva numeracy programme and Shiva logic programme; programs available individually for BBC B, B+ and Master 128.

BBC 5.25" disk; Compact, Nimbus 3.5" disk

5-11

Shiva numeracy programme

Hewitt, Iris

Wisbech, Cambridgeshire: esm

198-

Shiva numeracy and logic programme

BBC B; BBC B+; BBC Master 128; BBC Master Compact; RM Nimbus; £65.00

Disks; teacher's handbooks

Mathematics; Puzzles; Problem solving; Primary education; Computer games

Contents: Numeracy 1 (Lift off with numbers - cardinal, ordinal aspects of number; one-one correspondence; using numbers 1-10); 2 (Additional fun - addition, subtraction, composition of numbers up to 10); 3 (Playing with places - place value base 10, addition,

subtraction 1-20; four-one correspondence); 4 (Happy times - 2,3,4,5 times tables, four-one correspondence, money up to £1.00); 5 (Shares for all - division up to 5 of numbers, money and remainders). Programs available individually. Also contained in Shiva numeracy and logic programme.

BBC 5.25" disk; Compact, Nimbus 3.5" disk

5-11

SHMPlot

Grace, A.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1985

BBC B; £6.00

Disk

Physics; Sciences; Secondary education

Plots displacement v. time graph of oscillator (spring) to show simple harmonic motion. Variable or "standard Nuffield" values

Shooting gallery

See : Spot on games

Shopping

See: Fun school for 6-8 year olds

Shopping hinterlands

See: Urban studies : programs for fieldwork

Shops and supermarket

Low Attainers Project

Newcastle upon Tyne: Northern Micromedia

1984 (software); 1985 (documentation booklet)

BBC B; BBC Master; £14.50 BBC Master Compact; £16.50

1 disk; 1 documentation booklet; A3/ A4 Concept keyboard overlays; variety of resource material

Primary education; Secondary education; Special educational needs; Personal and social skills; Simulation

A linked set of programs using a Concept keyboard to give practice in shopping skills: Shops (requires user to identify given items and the correct shops which sell them, using road safety skills); Supermarket (requires users to match items with the correct food counter using the best route around the supermarket to collect them)

Requires Concept keyboard

7+

Short vowel sounds

Sherston Software

Sherston: Sherston Software

1983

Phonics

BBC B; BBC B+; BBC Master 128; BBC Master Compact; (single pack) £9.50 BBC B; BBC B+; BBC Master 128; BBC Master Compact; (small lab pack) £19.00 BBC B; BBC B+; BBC Master 128; BBC Master Compact; (large lab pack) £28.50

Single pack: 1 disk; 1 teacher's book Small lab pack: 1 copy of full pack plus 5 extra copies of

disk Large lab pack: 2 copies of full pack plus 10 extra copies of disk

English; Language; Reading skills; Spelling; Infant school education; Primary education; Computer graphics; Special educational needs

Includes large colourful lettering, graphics, optional sound effects; electronic blackboards for use with groups; diagnostic testing, records section, etc. Teacher controls allow program to be tailored to individual pupil's needs

BBC 40t 5.25" DFS; BBC 80t 5.25" DFS; BBC Compact 3.5" ADFS disk. 3.5" DFS and 5.25" ADFS disks also available

4-8

Short vowels

Forbes, Stuart

Cardiff: Drake Educational Associates

198-

Language centre

BBC B; BBC B+; BBC Master; £12.00

1 disk; 1 teacher's note

Language; English; Reading skills; Infant school education; Primary education

This range of micro programs supplement the language skills, introduced in the printed version of the same title. Each program is self-contained and will be of benefit to pupils and teachers who have mixed ability groups to teach.

5+

Showpics

See: Dawmouse 1

Show-me

Worth School

Crawley: W.E. Soft

1987

BBC B; BBC B+; BBC Master 128; £15.00

Disk; overlays

Language; Preschool education; Infant education; Primary education; Special educational needs

A program for matching pictures. Includes 4 sets of sixteen pictures, each set with 7 overlays enabling the user to steadily build up knowledge of the pictures. The overlays are in two series, each having levels with 2, 4, and 8 pictures, with the seventh showing all sixteen pictures. Can be used with either words or pictures on screen to be matched with words or pictures on the overlay.

Please specify whether 40t or 80t required. Please specify whether A3 or A4 overlays are required. (If both required, extra charge £5.00.) Uses concept keyboard.

4+

Shuffle

Grace, A.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1984

BBC B; £6.00

Disk

Physics; Sciences; A level examinations; Sixth form education; Secondary education

Quantum shuffling for Nuffield A level physics.

16-19

Shunt

See: Problems and investigations in the primary school using the microcomputer as a resource : pack 3

Shylock Gnomes : in the case of the Transylvanian terror!

Street: Selective Software

198-

BBC B; BBC B+; BBC Master 128; £16.50 BBC Master Compact; £18.50 BBC Econet 80; £29.50

Disk; teacher manual

Mathematics; Cross curriculum; Primary education; Secondary education; Computer graphics

A text and graphics adventure calling for mathematical and logical skills; decision making, mapping and record keeping, as pupils help the detective recover the fabled crystals of chaos from Count Dracula, using case-notes; telegrams and a news sheet for extra clues. Positions can be saved for future use.

BBC B 5.25" 40 or 80t disk; BBC Master Compact 3.5" disk

9-15

Sicotan

Maskell, D.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1984

BBC B; RM Nimbus; £4.00

Disk

Mathematics; Secondary education

Definition of sine, cosine and tangent for any angle leading to graphs for the three ratios. The graphs can be built one angle at a time or as a continuous scan.

Sid and Mike : programs for the Micromike

Nixon, Alan

Oldham: NCET/MESU, North West SEMERC

1988

Blue file

BBC B; £2.50

40t; 1 disk; 1 documentation leaflet

Special educational needs; Speech; Primary education

Contents: Build Sid; Dance; The rise and fall of Sid; Frenzy; Eat, drink and blow bubbles. A set of 5 programs which use the Micromike voice input device. The programs are intended to encourage vocal experimentation by very young children, or to motivate children who are reluctant to vocalise. Simple animation effects can be controlled by making sounds into the Micromike. Freely copiable for UK educational use.

Sieve

See: Secondary maths 2

SigmaSheet

Exeter: Minerva Software

198-

Acorn Archimedes; £69.95

Disk

Spreadsheets; Secondary education; Sixth form education; Further education; Information handling

A spreadsheet program allowing sheet size of 1000 columns by 16000 rows definable colours; spacing and widths; various cell formats; fast and easy sheet set up; cell references either alphanumeric or by label; automatic relative or absolute reference adjustment; extensive maths statistical functions; full date and time handling. Uses maths co-processor if fitted. Import/export facilities. Site licences available.

RISC OS compatible

12-16+

Signwriter

London: Wight Scientific

198-

IBM PC and compatibles; Apricots; £92.00 BBC, Amstrad PCW; Amstrad 6128; RM Nimbus; £29.95 Acorn Archimedes; £49.95

Disk

Art; Design; Craft, design, technology; Secondary education; Further education; Computer assisted design

Allows user to print large, high-quality characters for use in applications such as signs to be read from a distance; graphic design; desk-top publishing; video titling; vinyl cutting and other specialised uses. Includes typographical word-processor for inputting signs; character printer for putting dots on papers; CAD program for creating and editing characters; some number-crunching to prepare fonts for printing; font data, etc. 32 fonts available.

Sigtran : signal transfer

Bennett, E.; Balls, T.; Squires, David

London: British Telecom Education Service

1987

Computers in the Curriculum

BBC B; BBC B+; BBC Master: RML 480Z; RM Nimbus; £15.00

1 disk; 1 students' booklet; 1 teachers' guide; 1 running sheet

Physics; Electronics; Secondary education; Further education; Data processing

Enables students to explore some of the variables which affect the transmission of signals along wires between two points. It can also be used to show the difference between using analogue and digital signals, in particular the possibility of achieving 100 per cent information transfer picking up as little distortion as possible.

The program can be used on Econet level 2 and above with BBC network system

14-16

Silent letters

Forbes, Stuart

Cardiff: Drake Educational Associates

198-

Language centre

BBC B; BBC B+; BBC Master; £12.00

1 disk; 1 booklet

Language; English; Reading skills; Infant school education; Primary education; Special educational needs

The program is designed to motivate early reading skills and helps teachers to test mixed ability groups

5+

Similar objects : investigations into shapes, their plans and elevations

Netherhall Educational Software
Cambridge: Cambridge Micro Software
198-

BBC B+; BBC Master; £22.50 Econet £37.50

1 disk; 1 teacher's handbook

Geometry; Secondary education; Computer graphics

0521328861 (BBC 40/80t); 0521329108 (Econet 80t)

Linear, area and volume scale factors

Econet requires 80t disk; BBC B+ and BBC Master 40/80t.

Simon

See: Games : disk 3

Simplay

See: Longman music pack : composing and experimenting with music

Simple equations

Forbes, Stuart

Cardiff: Drake Educational Associates
198-

Basic skills

BBC B; BBC B+; BBC Master; £12.00

1 disk; 1 booklet

Mathematics; Infant school education; Primary education; Special educational needs

This program involves working out sums which illustrate the commutative law and simple equations

5+

Simple games

Shipley: Bradford Activity Toys
198-

BBC B; BBC B+; £13.32

Disk; manual

Special educational needs; Computer graphics; Computer games

Programs to help severely handicapped (special care) people learn to use switches and to encourage tracking. Contents: Simple pictures (a large shape or symbolic picture appears on screen); Simple movements (a curtain, ribbon or zig-zag moves in a chosen direction across the screen, encouraging eye-tracking); Find the square (user has to find a small picture which appears at a randomly chosen position on the screen).

Uses switch

Simple harmonic motion

See: Nuffield physics pack

Simple information processing

Ayre, Peter; Payne, Tony

London: Pitman Publishing
1984

Computers, information, awareness

BBC B; BBC B+; BBC Master; £25.00

1 disk; 1 booklet

Computer studies; Business education; Data processing; Databases; Secondary education; Further education; Adult education

0273022202

This is one of the five programs complementary to the book 'Microcomputers and business studies' by Christine Disney which provides a simple introduction to data manipulation

11-Adult

Simple introduction to numerical analysis

Harding, Robert (ed.); Quinney, D. A.

Bristol, Avon: Adam Hilger

1986

Computer illustrated texts

BBC B; BBC B+; BBC Master 128; IBM; £22.50 Licence; £120.00

Disk; 2 textbooks

Engineering; Mathematics; Sciences; Craft, design, technology; Cross curriculum; Secondary education; Sixth form education; Further education; Computer graphics

Text: 0852748213; IBM: 085274823X; BBC: 0852748191; Licence: 075030085X

Contents: solution to equation $f(x)=0$, recurrence relations, the solution of a system of linear equations, numerical quadrature, ordinary differential equations. Software used initially alongside the text and subsequently for independent research by students investigating formulae, models and frameworks with alternative data. Additional textbooks can be purchased separately.

BBC licence 5.25" disk; IBM licence 5.25" disk
16+

Simple introduction to numerical analysis 2: interpolation and approximation

Harding, R. D.; Quinney, D. A.

Bristol: Adam Hilger

1990

Computer illustrated texts

IBM PC; BBC; £25.50 Site licence; £135.00

Disk

Sixth form education; Further education; Higher education; A level examinations; Mathematics; Physics

Text: 0852741545; IBM: 0852741651; BBC: 085274157X; Site licence: 0750300892

Contents: Getting started; Interpolation; The approximation of functions; Least squares approximation; Integration; Differential equations; Boundary value problems. Intended primarily for First year university and advanced secondary school students.

5.25" disk

16+

Simple reporter

See: Reporter

Simtex

ITEM (Information Technology Educational Materials)

London: ITEM

1986/7

RM Nimbus; £15.00

1 disk; 1 self-instructional guide

Simulation; Communication; Business education; Primary education; Secondary education; Sixth form education; Further education

0708599389

A telex simulation program to manage and deliver telex-style messages from a pre-prepared file. Provides many facilities of advanced electronic equipment, including built in editor, screen and print-out features. Can be used to drive any simulation involving activities initiated by a predetermined flow of information.

RM Nimbus PC - 186, AX and VX machines/stations used in Nimbus mode.

5-16+

Simul

Ruislip: Desktop Engineering Systems

198-

Apple Macintosh; £895.00

Disk

Statistics; Computer graphics; Simulation

For simulation of mechanical systems; modelling of turbulent systems and analysis of geometric variables, allowing user to draw, visualise and calculate the dynamic interaction of almost all phenomena. Program displays movement by a succession of chained screens and defines object to be analysed by drawing the elements involved; movement of these is then defined by formulae.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Simulations

See: A level statistics

Simulations

Maidment, Robert; Walley, John

Oxford: OUP (Oxford University Press)

1991

Oxford English CALL Software

IBM PC and compatibles; c. £60.00

Disk; documentation

English; Language; Simulation; Puzzles; Problem solving; Primary education; Secondary education

0194583317 (program); 0194583341 (user guide)

Software providing role-play activities for up to 8 groups of 4/5 students simultaneously, with each activity taking the students through a series of decision-making stages as they attempt to reach their goal. Contents: The car game; Computer dating; Hold the front page; Number one.

7+

Sincos

See: Teaching with a micro : maths 1

Sine

See: Basic package

Sing a song of sixpence

Allen, Derek

Doncaster: RESOURCE

198-

BBC B; BBC Master 128; BBC Master Compact; £14.50

Disk; documentation

Mathematics; Puzzles; Problem solving; Primary education; Adventure simulation

A simple mathematical adventure encouraging understanding of the use of banks, as children progress through the adventure encountering ideas from loans and deposits to "money trees" and mathematical puzzles

BBC B/Master 5.25" 40t DFS disk; Master 128 5.25" ADFS disk; Master Compact 3.5" ADFS. 80t DFS available - surcharge of £1.50 per disk

7-11

Singalong

See Cedars get fit set

Single switch programs

Lancaster: MARDIS

198-

£3.50

Disk

Special educational needs; Puzzles; Problem solving

Contents: House (building up a house in 16 parts - various options); Pyramid (building up a pyramid of triangles); Elevator (matching colour of lift with floor); Paraman (making a parachutist jump out of a helicopter); Matching colours (matching large block of colours); Colours and shapes (various options for matching colours, shapes, or both); Pelican crossing (player simulates pressing a button on pelican crossing); Tape controller (switching on a tape recorder for a specified length of time); Matching shapes (5 objects, the shapes of which must be matched)

For single switch or spacebar

Single switch trainer and wiper

Bates, Jack; Gibson, Geoff

Oldham: NCET/MESU, North West SEMERC 198-

Blue file

BBC B; £2.50

40t; 1 disk; 1 documentation booklet

Special educational needs; English; Language

Two programs for children with very severe learning difficulties; they help to reinforce the concept of cause and effect, and can be used for early language development. The first is controlled by a Micromike, joystick or switch, the second by one or four switches (or also the copy key). Freely copiable for educational use in the UK.

SinLog

Loughborough: Loughborough University of Technology

198-

Apple Macintosh; details from publishers

Disk; user manual; worksheets; optional printed circuit emulator board

Electronics; Further education; Adult education; Simulation

Allows student of logic design or computer architecture to design and test basic digital logical theory using an interactive simulation. Incorporates sophisticated routing algorithm to remove overhead of detailed route planning and solve problems of indistinct interconnections. Primarily configured to emulate TTL devices.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

SIR : Schools Information Retrieval

MEP

London: BP Educational Service

1987

BBC B; BBC Master; RM Nimbus £30.00

1 SIR program disk; 1 sample database disk; 1 BPES electronic catalogue disk; 1 catalogue; 1 user guide; 2 keystrips; 1 keyword list

Databases; Information handling; Content free programs; Library administration

086165126X

SIR was developed for the British Library by the MEP, offering users the chance to create and search their own databases across a wide range of curriculum subjects. For instance, SIR demonstrates how large volumes of data can be structured, sorted, and searched. Meanwhile, its three sample databases illustrate the use of basic search techniques, for the inexperienced user. SIR is also aimed at school librarians, for indexing resource and specialist collections, and for teaching staff and students information retrieval techniques.

The BBC disk is 80t and requires a machine with twin disk drive

12 +

Siting a blast furnace

Harlow: Longman Micro Software

198-

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; £19.50

Disk

Sciences; Industry; Economics; Geography; Secondary education

Students have to site a blast furnace on an imaginary island, taking account of factors associated with such industrial location. The program will produce a detailed breakdown of the component costs of 1 tonne of iron.

BBC 40t, 5.25" DFS disk

11-14

Siting an aluminium plant

Thomson, Miles; Ellis, David; Shaw, Keith A; et al.

Harlow: Longman Micro Software

198-

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; £19.50 RM Nimbus/Network; £30.00

1 disk; 1 teachers' guide; students' leaflets; data sheets

Chemistry; Sciences; Secondary education; Sixth form education; Further education; Economics; Industry

Considers some of the issues to be taken into account when planning the siting and production targets of an aluminium smelting plant.

BBC 40t, 5.25" DFS; Nimbus/Network 3.5" disk 16-18

Siting an aluminium plant

See: Industrial chemistry pack

Six French games

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); Acorn Archimedes; Amiga; RM Nimbus; £24.50 BBC Master Compact; £24.70 Eonet; £58.50 RM Nimbus Network; (up to 16 machines) £45.00; (up to 48 machines) £65.00

Disk; notes

French; Modern languages; Secondary education; Sixth form education; Further education; Computer games

Six games requiring comprehension and reproduction of French, aimed at 1st year French learners and more advanced revision work. Basic and advanced levels or each game. Covers days, months, weather, school subjects, finding the way, leisure activities, fruit, eating out, etc.

Only specify 80t if you cannot use 40t disks.

11+

Six German games

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £19.50 BBC Master Compact; £21.70 Acorn Archimedes; RM Nimbus; £24.50 RM Nimbus Network; (up to 16 machines) £45.00; (up to 48 machines) £65.00

Disk

Modern languages; German; Secondary education; Sixth form education; Further education; Computer games

Games designed for 1st year learners of German and for revision for more advanced students, requiring comprehension and reproduction of German. Covers days, months, weather, school subjects, finding the way, leisure, fruit, eating out etc. Basic and advanced levels options.

Only specify 80t if you cannot use 40t disks.

12+

Six Italian games

Chepstow: AVP Computing

BBC B; BBC B+; BBC Master 128; £19.50

Disk; Student notes

Modern languages; Italian; Secondary education

Six games, each with a basic and an advanced version, aimed at pupils in the early stages of learning the language or as a revision aid for more advanced students. Topics covered are: days, months, seasons, weather, school subjects, finding the way, fruit, eating out and leisure activities

13-16

Six Spanish games

Chepstow: AVP Computing

BBC B; BBC B+; BBC Master 128; £19.50

Disk; Student notes

Modern languages; Spanish; Secondary education

For pupils in the early stages of learning the language; also useful as a revision program for more advanced students. Six different games, each with a basic and more advanced version. Topics covered are : days, months, seasons, weather, school subjects, finding the way, fruit, eating out and leisure activities

13+

Sixgam

Randall, Ken; Greenwood, Alan

London: Pitman Publishing

1984

RM 380Z; RM Nimbus; BBC B; BBC B+; BBC Master; £28.00

1 disk; 1 tutor's guide; 1 program notes; students' briefing sheets; students' results sheets

Economics; Business education; Industry; Secondary education; Sixth form education; Further education; A level examinations

0273020986 (RM 380Z); 0273020986 (RM Nimbus); 0273020889 (BBC machines)

The program is designed to test students' understanding of the concepts of fixed and variable costs, demand curves, cost and profit based pricing. It can also be used as an introduction to decision making for general studies.

11-Adult

Sixteenth century Europe

Axworthy, R.; Rady, M.

Bangor: Akadimias

198-

Tutor series : British and European history

BBC B; BBC Master 128; Econet levels 2 & 3; Acorn; RM Nimbus PC 186; RM Nimbus AX series; Nimbus network; Amstrad 6128 & PCW; IBM PC compatible; £25.00 (includes site licence for up to 10 terminals)

Disk; study booklet; reading list

History; Secondary education; Sixth form education; Further education; A level examinations

A program to test student knowledge with questions in a multiple choice format, in either a random or sequential order, and with various user selectable time-bases against which the test may be taken. Facilities for revision; sequential, random test modes; with four time based skill levels in each test mode. Topics are : Charles V; the Reformation; Spain and the Dutch; France; the Counter-Reformation; North and East Europe; voyages and discovery; economy and society; rule and authority; Tudor England. Discounts available: details from publisher

BBC 40 or 80t disk (please specify). Acorn DFS & ADFS; RM Nimbus 3.5" disk; Amstrad disk; IBM PC 5.25" or 3.5" disk (please specify).

16+

Skeleton

See: Biology pack 3

Skeleton and muscular system

See: Human biology. 1: The skeleton and muscular system

Sketch pad

See Joystick games 1

Skrabble

See: English pack 1

Sky

See: Basic package

Sky routes

Willink, Nick

Soft Teach Educational, Longbridge Deverill, Warminster; Magnolia Soft, Exeter; Soft Teach Educational; Magnolia Soft

1989

BBC B; BBC B+; BBC Master 128; £20.00 A3000; £23.00

Disk; manual; world chart

Geography; Mathematics; Puzzles; Problem solving; Adventure simulation; Primary education; Secondary education

0948808063

A simulation in which students pilot a 747B around the world using the most logical route to deliver various cargoes to different airports. Involves group work, discussion and planning. Enhanced Master 128 version. Bulk purchase discount available.

BBC 5.25" disk; A3000 3.5" diskette

9-15

Skyfox

Langley, Nr. Slough: Electronic Arts Ltd

198-

Amiga; £9.99

Disk

Computer games

Skyfox 2

Langley, Nr. Slough: Electronic Arts Ltd

198-

Atari ST; PC; £9.99

Disk

Computer games; Computer graphics

An arcade style game, involving 10 challenging missions; exploration of 40 starbases with repair facilities; 3D flying sensation and faster-than-light travel through wormholes; photon pulse bombs; anti-matter mines; deceptor device; shields.

Also available on 3.5" disk for PC.

Skyhigh

See: Junior suite

Slave study 1 : West Africa : 1690-1807

Glasgow: CDG (Scotland) Ltd.

198-

BBC B; BBC B+; BBC Master 128; £15.50 Acorn Archimedes; IBM PC; RM Nimbus; £21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

History; Databases; Secondary education

1870307313

A study of British involvement in the 1690-1807

slave trade in terms of quantity of slaves shipped from country of origin in West Africa; quantities of slaves imported into Caribbean and North America by colony of destination. Structured modular work units accommodate all ability levels; integrate computer procedures and assist in the acquisition of knowledge and understanding, developing enquiry, evaluation and analysis skills, etc. Optional Epson compatible screen dump (BBC/Nimbus only) available - £7.50 (BBC); £13.50 (Nimbus). Discounts available for purchase of any two or more datapacks - details from publishers.

Please state format required: BBC 40 or 80t disk; IBM PC (EGA/ECD only)

12-16

Slave study 2 : Jamaica : 1817-1832

Glasgow: CDG (Scotland) Ltd.

198-

BBC B; BBC B+; BBC Master 128; £15.50 Acorn Archimedes; IBM PC; RM Nimbus; £21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

History; Databases; Secondary education; Sixth form education

1870307321

A parish-based analysis of the Jamaican slave structure and its economy. Data covers population; slave holdings; vital statistics; economy; manumissions; runaways; transportations. Structured modular work units accommodate all ability levels; integrate computer procedures and assist in the acquisition of knowledge and understanding, developing enquiry, evaluation and analysis skills, etc. Optional Epson compatible screen dump (BBC/Nimbus only) available - £7.50 (BBC); £13.50 (Nimbus). Discounts available for purchase of any two or more datapacks - details from publishers.

Please state format required: BBC 40 or 80t disk; IBM PC (EGA/ECD only)

12-18

Slave study 3 : USA : 1850-1860

Glasgow: CDG (Scotland) Ltd.

198-

BBC B; BBC B+; BBC Master 128; £15.50 Acorn Archimedes; IBM PC; RM Nimbus; £21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

History; Databases; Secondary education; Sixth form education

1853950602

A state-based analysis of the American slaves on the eve of the Civil War with data covering population; employment and slaveholders. Structured modular work units accommodate all ability levels; integrate computer procedures and assist in the acquisition of knowledge and understanding, developing enquiry, evaluation and analysis skills. Optional Epson compatible screen dump (BBC/Nimbus only) available - £7.50 (BBC); £13.50 (Nimbus). Discounts available for purchase of any two or more datapacks - details from publishers

Please state format required: BBC 40t or 80t disk; IBM PC (EGA/ECD only)

12-18

Slick!

Blackwell, Graham; Lynch, M.R.

London: BP Educational Service

1983 (BBC B); 1984 (RML 480Z)

BBC B; BBC B+; BBC Master; RML 480 Z; Apple II

1 disk; 1 booklet; 1 briefing sheet/map; 1 data sheet; 1 anti-pollution methods sheet

Sciences; Environmental education; Geography; Primary education; Secondary education

0861650751

Slick! aims to introduce students to the problems of dealing with oil spills on an environmentally sensitive stretch of coastline and can be used at various levels in schools. Groups take the role of a local pollution control officer. In the first part of the game they have to allocate a fixed budget to protect a stretch of waste against oil spills.

The BBC disks are 40/80 track

5-16

Slider

See: PaintSPA toolbox

Slide-it

BECC (Birmingham Educational Computing Centre)

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

198-

Birmingham picture programs

RM Nimbus; £10.00

Disk

Puzzles; Primary education; Special educational needs; Computer games; Computer graphics

Slide-it divides a picture up into smaller areas. These are then rearranged at random, with one area being replaced by a blank. Using a mouse, any adjacent area can be slid into this blank, leaving another gap for further moves to recreate the picture.

Sliding block puzzle

IBackwell, Bristol: Arrowsoft Educational Software

1198-

EBBC B; BBC Master; £12.00 BBC B; BBC Master; £12.00 (Touchscreen version)

IDisk

EPuzzles; Problem solving; Primary education; Secondary education; Special educational needs; Computer games

A game with the aim to unscramble the picture on screen by moving one block at a time into the blank space. Offers 4 scenes and 5 ability levels, with highest levels demanding adult ability level.

Concept keyboard compatible. Microvitec Touchtect System version available - please specify if required.

55+

Sliding puzzles

See: Jigsaw and sliding puzzles

Slope

See: Slopes : profile and variable analysis

Slope analysis

St. Just: MJP (Michael Jay Publications)

198-

BBC B; BBC B+; BBC Master; £14.95 RML Nimbus; details from publishers

Disk

Geography; Computer graphics

Allows detailed sections to be created rapidly from Gradometer survey data, exaggerating or reducing both vertical and horizontal scales. Printout facility.

BBC 40t disk unless otherwise requested.

Slope measurement

See: MEP /GAPE Project geography programs

Slopes

Donert, Karl

St. Just: MJP (Michael Jay Publications)

198-

BBC B; BBC B+; BBC Master; £14.95 RML Nimbus; details from publishers

Disk

Geography

A program investigating various aspects of slope profiles and weaknesses.

BBC 40t disk unless otherwise requested.

Slopes

London: ITV Schools

198-

BBC B; BBC B+; BBC Master 128; RML 480Z; £20.25

Disk

Geography; A level examinations; Sixth form education; Secondary education; Higher education; Simulation; Information handling; Data processing

Can be used as the basis for field work exercises or for classroom teaching relating to slopes. A data handling facility is provided, backed up by appropriate statistical facts and related graphics, in addition to a slope modelling section. Associated ITV Schools programme: Geography today : slopes.

BBC 5.25", DFS

16-18+

Slopes

See: Learning geography with computers

Slopes

See: MEP / GAPE Project geography programs

Slopes : profile and variable analysis

St. Just: MJP (Michael Jay Publications)

198-

BBC B; BBC B+; BBC Master; £17.95 RML Nimbus; details from publishers

Disk

Geography; Computer graphics

Programs to maximise the use of simple 'tape and clinometer'. field data. Slope enables accurate scaled-profiles to be constructed and printed, incorporating variables such as pebble size at various locations. Variable analysis

subjects the data to statistical tests, including product moment correlation and significance tests.

BBC 40t disk unless otherwise requested.

Slyfox

See: Micros in the classroom : module 5

Smack

Birmingham: Daco Software

198-

BBC B; BBC B+; BBC Master; £24.95

3 disks

Life skills; Puzzles; Problem solving; Primary education; Secondary education

A text-only program confronting the user with a true-to-life series of decisions about heroin, demonstrating the social, moral and physical trauma to the user and those around her/him of heroin addiction, as the user makes choices which may lead to or avoid heroin addiction. Deliberately unsensational in presentation, but extremely effective in educating those at risk about the dangerous outcomes of heroin abuse.

7+

Small letters

See: Touch basics

Small scale weather patterns

See: Practical meteorology. 2: Small scale weather patterns

Smalltalk V Mac

Edinburgh: Apple Developers Group

198-

Apple Macintosh; £125.00

Disk; tutorial

Computer programming; Programming languages

A Macintosh version of Digitalk's object-oriented development environment, compatible with Smalltalk V on IBM PCs and compatibles. Is fully integrated with the Macintosh environment, closely following Macintosh user interface conventions. Works under MultiFinder; has complete access to the Macintosh Toolbox. Facilities include multi-tasking; integration with other languages; push-button source level debugger; over 100 classes and methods; tools for organising/browsing; Smalltalk source code; object-oriented Prolog; complete Smalltalk V source code.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

SmartForm assistant

See: Claris Smartform Series.

SmartForm designer

See: Claris Smartform Series.

SmartPad

Benhall, Saxmundham: Blyth Software Ltd 198-

Apple Macintosh; £49.00 Educational retail discount: less 50%

Disk; documentation
Databases; Information handling
A smart and fast note pad desk accessory

SMILE maths

RCEVH (Research Centre for the Education of the Visually Handicapped)

Oldham: Northwest SEMERC

198-

BBC B; BBC B+; BBC Master 128; £42.00

6 disks

Special educational needs; Mathematics;
Secondary education

For pupils of all abilities, especially partially sighted children. 30 varied mathematical programs, ranging from angles to fractions to vectors, which require some useful sight, but using a speech synthesiser enables pupils with no sight to use some programs on their own. Detailed record of sessions can be kept and printed out in one of a selection of 5 character sizes.

Requires speech synthesiser for pupils with no sight.

11-16

Snail

See: Basic package

Snake 1

See: Basic package

Snake 2

See: Basic package

Snakes

RCEVH (Research Centre for the Education of the Visually Handicapped)

Oldham: Northwest SEMERC

198-

BBC B; BBC B+; BBC Master 128; IBM PC and compatibles; RML Nimbus; £7.00

Disk; documentation.

Special educational needs; Life skills; Infant school education; Primary education

7 programs for very young visually handicapped children with some sight, or multi-handicapped users. Introduces use of the joystick, helping user grasp concept of left and right movements. For the first two programs the user merely watches movements on screen; programs 3-7 require use of the joystick

Input via Joystick

5+

Snakes and ladders

See: Games programs

Snakes and ladders

See: Games : disk 1

Snakes and ladders

See: Codehunt, Metro, Reversi, Fours, Snakes and ladders

Snap

See: Games programs

Snap

See: Games : disk 4

Snap

See: Games, activities and investigations volume 1

Snap

See: Spot on games

Snap

See: Microprimer software : pack 2

Snap

See: Russian word games

Snappit

See: Helter skelter

Snapshot

Glasgow: Scetlander

BBC Master 128; £15.00

Disk; teachers' notes; full colour

Environmental education; Geography; Reading skills; Puzzles; Problem solving; Primary education; Secondary education; Simulation; Computer graphics

1855720450

Pupils acting as wildlife photographers visit a country estate, hunting and photographing animals with the help of a map and clues hidden in newspaper articles. Gives practice in reading for information; interpreting map symbols. Emphasises importance of the Country Code

BBC 5.25" disk

8-14

Snark trail

Leamington Spa: SPA (Software Production Associates)

198-

RML 380Z; RML 480Z: £8.00 RML 480Z Network £16.00

Disk

Life skills; Infant school education; Primary education; Computer games; Secondary education

A fast game involving guiding a hungry snark around the screen eating all the food it can find and becoming more and more unwieldy as it feasts.

Requires HRG.

5-16

Snatch

Barnstaple: 4Mation Educational Resources

1988

BBC B; BBC B+; BBC Master 128; BBC Master Compact; £23.00 BBC Network; £60.00

Disk; documentation

Utilities; Special educational needs

Allows user to print screens from most educational software; print Teletext and Graphics screens; change colours before printing; print all or part of a screen; display saved screens; enlarge saved screens; change colours of saved screens; use them in art packages; print awkward dual-mode screens.

Model B requires 16K sideways RAM. Supports Epson/Star colour +9/24 pin mono; Integrex/Canon colour ink jet printers

5-Adult

Snippet

4Mation Educational Resources

Barnstaple: 4Mation Educational Resources

1990

Acorn Archimedes; £29.00 (Includes site licence)

Disk

Art; Design; Craft, design, technology; Special educational needs

Consists of 2 parts - a module which performs screen saving and printing operations, and a utility allowing certain operations to be performed on saved screens - creating; editing; changing size; adding borders; creating montages; setting up carousel of saved screens; changing colours of sprites; loading screens from 8 bit machines and saving as Archimedes sprites; loading saved sprites into other applications

7-Adult

Snook

See: Micros in the mathematics classroom : 2nd ed

Snooker

Cambridge: Acornsoft

BBC B; B+; (40 /80t); £11.50

Disk; booklet

Computer games; Primary education; Secondary education

A game for two players, suitable for both learners and experienced users who play and score as in the original game.

40/80t disk

5+

Snoopy

See: Secondary maths 2

Snow

See: Basic package

Snow Queen

Leamington Spa: SPA

1990

RM Nimbus; £18.00 RM Nimbus Network; £43.00 BBC B; BBC B+; BBC Master 128; £16.00

Disk; teachers' notes

Cross curriculum; Infant school education; Primary education

An adventure game which covers work linked with the National Curriculum

5.25" or 3.50" disks. Please state whether 40t or 80t disk required

Sochart and Twochart

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £19.50 BBC Master Compact; £21.70 Acorn Archimedes; RM Nimbus; £24.50 RM Nimbus network; £45.00 (up to 16 machines); £65.00 (up to 48 machines)

Disk

Sociology; Statistics; Secondary education; Sixth form education; Further education

Contents: Sochart (data on occupational changes, divorce, wealth distribution); Twochart (data on voting patterns, higher and further education, imprisonment).

Only specify 80t if you cannot use 40t disks.

14-18

Social and economic history of Britain 1700-1985

Patrick, John; Packham, Mollie

Bangor: Akadimias

1988

Tutor series : GCSE History Series

BBC B; BBC Master 128; Econet levels 2 & 3; Acorn; RM Nimbus PC 186; RM Nimbus AX series; Nimbus network; Amstrad 6128 & PCW; IBM PC compatible; £25.00 (includes site licence for up to 10 terminals)

Disk; study booklet; reading list

History; Secondary education; Sixth form education; Further education; General Certificate of Secondary Education

Based on the GCSE History textbook "The years of change". A program to test student knowledge with questions in a multiple choice format, in either a random or sequential order, and with various user selectable time-bases against which the test may be taken. Facilities for revision; sequential, random test modes; with four time based skill levels in each test mode. Topics covered include growth and change; power and machines; transport; overseas trade; society and politics; economic decline; new industries; travel and contact; social security. Discounts available: details from publishers.

BBC 40 or 80t disk (please specify). Acorn DFS & ADFS; RM Nimbus 3.5" disk; Amstrad disk; IBM PC 5.25" or 3.5" disk (please specify).

11-16+

Social Britain

Glasgow: CDG (Scotland) Ltd.

198-

BBC B; BBC B+; BBC Master 128; £15.50 Acorn Archimedes; IBM PC; RM Nimbus; £21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

Sciences; Sociology; Databases; Secondary education

1853950335

An examination of the social structure of Britain in terms of its regional patterns of population; family type; housing and car ownership. Structured modular work units accommodate all ability levels; integrate computer procedures and assist in the acquisition of knowledge and understanding, developing enquiry, evaluation and analysis skills, etc. Optional Epson compatible screen dump (BBC/Nimbus only) available - £7.50 (BBC); £13.50 (Nimbus).

Discounts available for purchase of any two or more datapacks - details from publishers.

Please state format required: BBC 40 or 80t disk; IBM PC (EGA/ECD only)

12-16

Social model 1 : deprivation

Glasgow: CDG (Scotland) Ltd.

198-

BBC B; BBC B+; BBC Master 128; £15.50 Acorn Archimedes; IBM PC; RM Nimbus; £21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

Sciences; Sociology; Databases; Secondary education

1870307062

An analysis of an area of deprivation which can be used as an exemplar model for the study of any other area. Data covers population; family type; car ownership; unemployment; and stress. Structured modular work units accommodate all ability levels; integrate computer procedures and assist in the acquisition of knowledge and understanding, developing enquiry, evaluation and analysis skills, etc. Optional Epson compatible screen dump (BBC/Nimbus only) available - £7.50 (BBC); £13.50 (Nimbus). Discounts available for purchase of any two or more datapacks - details from publishers.

Please state format required: BBC 40 or 80t disk; IBM PC (EGA/ECD only)

14-16

Social model 2 : an area profile

Glasgow: CDG (Scotland) Ltd.

198-

BBC B; BBC B+; BBC Master 128; £15.50 Acorn Archimedes; IBM PC; RM Nimbus; £21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

Sciences; Sociology; Databases; Secondary education; Sixth form education; Adult education

1853950572

An exemplar study of a regional area with regard to its main components with data structured on population; family type; housing; employment; poverty and crime rates and road accidents. Structured modular work units accommodate all ability levels; integrate computer procedures and assist in the acquisition of knowledge and understanding, developing enquiry, evaluation and analysis skills, etc. Optional Epson compatible screen dump (BBC/Nimbus only) available - £7.50 (BBC); £13.50 (Nimbus). Discounts available for purchase of any two or more datapacks - details from publishers

Please state format required: BBC 40 or 80t disk; IBM PC (EGA/ECD only)

14-19

Social signs

Shipley: Bradford Activity Toys

198-

BBC B; BBC B+; £13.32

Disk; manual

Special educational needs; Language; Reading skills

A program to help word recognition, presenting the sort of word choices that might be required in real life situations. Contains 14 such situations, covering, e.g. shops; signs; food, and

Educational Software SOC - SOF

option for teacher to input word list for a specific pupil.

Switch compatible

Social studies in three dimensions

Glasgow: CDG (Scotland) Ltd.

198-

BBC B; BBC B+; BBC Master 128; £15.50 IBM PC; RM Nimbus; £21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

Sciences; Sociology; Databases; Primary education; Secondary education; Sixth form education; Further education; Adult education; Computer graphics

185395971

Allows all data in the CDG series to be reproduced in full colour 3D graphics using three different 3D programs. Data can be produced as a variety of 3D images based either on statistical or landscape data which can be saved and/or printed. Structured modular work units accommodate all ability levels; integrate computer procedures and assist in the acquisition of knowledge and understanding, developing enquiry evaluation and analysis skills, etc. Optional Epson compatible screen dump (BBC/Nimbus only) available - £7.50 (BBC); £13.50 (Nimbus). Discounts available for purchase of any two or more datapacks - details from publishers.

Please state format required: BBC 40 or 80t disk; IBM PC (EGA/ECD only)

10-adult

Sofm

See: Graphics

SoftOscilloscope

Cambridge: Biosoft

198-

IBM PC/XT/AT and compatibles; £2199

Disk; manual

Sciences; Electronics; Biochemistry; Music; Computer graphics; Secondary education; Sixth form education; Further education; Adult education

Allows IBM PC or true compatible to emulate many features of storage oscilloscopes and data recorders, monitoring signals in screen in real time. Can display over 20,000 samples per second, simultaneously writing them to hard disk - monitors music waveforms, biological action potentials, motor car electronics, etc. Offers 1-4 channels, 30Hz to 50Hz sample rate in logarithmic steps and software gain control, calibration procedures, free-running or triggered modes, pre/post triggering and single or multiple sweeps. Demonstration disk available - £ 15.0.

5.25" or 3.5" disk. Requires 512K RAM minimum; DOS 3.2 or later; analog-to-digital converter card - supports many common ones.

11+

Software tools

Doncaster: RESOURCE

198-

BBC B; BBC Master 128; Acorn Archimedes; RM Nimbus; £16.50 E-Net; £50.95

Disk; user guide E-Net pack includes 5 sets student documentation

Computer studies; Data processing; Secondary education; Puzzles; Problem solving

A series of programs and procedures to solve a number of data processing problems. Designed to promote a structural, practical approach to problem solving. LEA/Regional licences and bulk purchases discount available

BBC B/Master 5.25" 40t DFS; 80t DFS available - £1.50 surcharge per disk

13+

Soil analysis

Rowland, Paul; McCormick, Sophie; Squires, David et al

Harlow: Longman/Logotron

1985

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; £21.00 BBC Econet levels 2 & 3; SJ file server; AM-COM E-Net; £33.00

Disk; 1 documentation booklet

Sciences; Secondary education; Biology; Environmental education; Simulation; Chemistry

058226698X

Supplements traditional school laboratory soil experiments; allows three different soil types to be considered at the same time. Soils may be chosen from eleven supplied soils, or their composition may be made up

BBC 40t, 5.25" DFS disk; BBC 80t, 5.25" disk

12-16

Soil profiles

Donart, Karl

St. Just: MJP (Michael Jay Publications)

198-

BBC B; BBC B+; BBC Master; £15.95 RML Nimbus; details from publishers

Disk; worksheets

Geography; Biology; Databases; Secondary education; Sixth form education; Further education; A Level Examinations

A package providing a diagrammatic profile on a wide range of soil types. Includes soils of cold, cool, warm and hot regions, along with zonal and intrazonal sorts, e.g. Calciomorph, hydromorph, halomorph, andosols, organic and other soils.

BBC 40t disk unless otherwise requested.

16+

Soil water and irrigation

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £24.50

Disk; record sheets

Geography; Environmental education; Secondary education; Sixth form education; Further education; Simulation

Allows group/individual study of the behaviour of water in different types of soils, explaining the underlying concepts and demonstrating through simulations the movement of water within a saturated soil profile; the loss of water by evaporation; addition of water to dry soil; estimation of the net gain or loss of water. Requires students to obtain meteorological data from weather reports.

Only specify 80t if you cannot use 40t disks.

14-19

Solhamside : an airport planning simulation

ITMA (Investigations on Teaching with Microcomputers as an Aid) Collaboration

Harlow: Longman Micro Software

1987

Forum series

BBC B; BBC B+; BBC Master 128; £30.00 BBC Econet levels 2 & 3; SJ file server; AMCOM E-Net; £40.00

1 disk; 1 documentation booklet; Resource cards; 1 copy: "Geofile. September 1984, number 42. : UK airports."

Geography; Secondary education; Sixth form education; Further education; Sociology; Personal and social education; Environmental education; Simulation

0582261929

Helps students explore the problems involved in siting a new airport - the package provides information and a computer database of maps from which they can develop arguments for a public enquiry

BBC 40t, 5.25" DFS; BBC 80t, 5.25" disk

13-19

Solid to liquid diffusion

See : Particles and diffusion

Solitaire

See Breaktime games

Solubility products

See : EMF, ionisation energies and solubility products

Solution to Schroedinger's wave equation for a hydrogen atom

See: Physics software pack 2

Solving the Schroedinger equation

See: Nuffield physics pack

Some lessons in mathematics with a microcomputer : SLIMWAM 1

Members of ATM

Derby: ATM (Association of Teachers of Mathematics)

198-

BBC; RML 380Z; £20.00

Disk; book

Mathematics; Primary education; Secondary education

0900095407

Book describes how programs were used in mathematics lessons - available separately, £7.00

BBC 40t 5.25" disk; RML 380Z 5.25" (with high resolution graphics)

5+

Some more lessons in mathematics with a microcomputer : SLIMWAM 2

Members of ATM

Derby: ATM (Association of Teachers of Mathematics)

198-

BBC; BBC Master Compact; RM Nimbus; RML 380Z/480Z/Network; £20.00

Disk

Mathematics; Infant school education; Primary education; Secondary education; Sixth form education

0900095512

6 original programs. Book describes how these have been used in a variety of classrooms, offering many insights into productive ways of using computers to help pupils learn. Book available separately - £7.00

BBC 40t 5.25" disk; BBC Master Compact ADFS 3.5" disk; RM Nimbus 3.5" disk; RML 380Z single density 5.25" disk; RML 380Z/480Z/Network double density 5.25" disk

5+

Some useful packages software disk

Basingstoke: Macmillan Education

198-

Open BTEC Macmillan : Updating for business BBC; £6.95 IBM MS/GW basic; IBM Amstrad 1512/1640; £28.95

Disk

Computer studies; Business education; Adult education

0333431235

Computer software from Computer studies unit introductory program providing students from all backgrounds with knowledge and practical experience of the use of computer systems

18+

Sorting

Forbes, Stuart

Cardiff: Drake Educational Associates

198-

Basic skills

BBC B; BBC B+; BBC Master; £12.00

1 disk; 1 booklet

Mathematics; Primary education; Special educational needs

All programs in this series utilise the high quality colour graphics capability of the computer. The sorting program involves sorting by colour and shape

5-7

Sorting game

See: Information handling pack

Sorting 1

See : Big match

Sorting 2

See : Big match

Sorts

Edwards, Morfydd; Weaver, Bryan; Pitts, Hilary et al.

Doncaster: RESOURCE

198-7

BBC B; BBC Master 128; RM Nimbus; £15.50
Econet; £25.50

Disk; documentation

; Secondary education; Computer studies;
Computer graphicsShows graphically how computers undertake
sort routines, helping pupils understand which
types of sort are best for which processes, in
order to minimise the time taken. LEA/Regional
licences and bulk purchase discount availableBBC 5.25" 40t DFS disk; Econet 5.25" 40t. 80t
DFS available - surcharge of £1.50 per disk

13+

Sound and ripples

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; BBC Master
Compact; £24.50 Econet; £58.50

Disk

Physics; Secondary education; Sixth form
education; Further educationContents: Sound (a teaching section on how
sound is produced, the longitudinal nature of
sound waves; the meaning of wavelength, time
period, amplitude, etc; and an experimental
section); Ripples (displays animated ripple tank
diagrams to show how waves are reflected,
refracted, etc.: reflection of plane waves by a
straight/curved barrier; reflection of curved
waves by a curved barrier; refraction, diffraction
of plane waves; interference)

Only specify 80t if you cannot use 40t disks.

14+

Sound play

See: Toy control disk

Sounds useful

Newport, Lincoln: MEDUSA

198-

BBC B; BBC B+; BBC Master; £20.00

Disk

Music; Primary education; Computer graphics

Contents: Synthesiser (allows sounds to be
created using a simple graphical display);
Ostinato (allows children to create, edit and play
a repeating musical phrase); Sequencer (a Logo
type program allowing children to program
sequences of phrases created with Ostinato in
voices developed with Synthesiser)

7+

Soundsnap

See: Set of 13 reading and spelling programs

Soundsright

Birmingham: Daco Software

198-

BBC B; BBC B+; BBC Master; £19.95

Disk

Language; Infant school education; Special
educational needs; Primary education;
Computer gamesFor use by speech therapists using the colours
in the Kellett Colour Coding System to select aparticular sound (colour) group. A box opens
gradually with each correct pupil response
identifying objects on screen containing the
colour-sound, and finally a jack-in-the-box pops
out. Includes facility for therapist to type/save
text for future display.

5+

South eastern railway game

See: Transport pack

Souvenirs

See: Fun school for over 8s

Space adventure

Studley: LTS (Learning and Training Systems)

198-

BBC B; BBC Master; BBC Master Compact; RM
Nimbus; £11.95

Disk; Planning sheet

Language; Creative writing; Sciences;
Mathematics; Infant school education; Primary
education; Computer gamesA 'second stage' adventure generator; flexible
format allows children to more more complex
adventures. Includes two games.

Please specify format required.

6-11

Space affair

See: Reading for English

Space and form

See: Art and time

Space and time

See: Art and time

Space apprentice

Willink, Nick

Longbridge Deverill, Warminster: Soft Teach
Educational; Magnolia Soft

1988

BBC B; BBC B+; BBC Master 128; £21.50
A3000; £25.00

Disk; manuals; charts; log sheets; guides

Astronomy; Physics; Adventure simulation;
Sciences; Computer studies; Primary education;
Secondary education

094880890X

A space adventure in which children experience
the difficulties of space travel as they explore 24
satellites from Mercury to Pluto, learning of the
vastness of space, the planets' and moons'
relative distances, orbital periods and landscape
features. Bulk purchase discount available.
Enhanced Master 128 version included

BBC 5.25" disk; A3000 3.5" diskette

8-16

Space base

See: Switch games disk

Space cat

See Arcade challenge, Brilliant Computing

Space mission Mada

Hosler, Simon

Sherston: Sherston Software

1986

BBC B; BBC B+; BBC Master 128; BBC Master
Compact; Acorn Archimedes; Acorn A3000;
(single pack) £21.00 BBC B; BBC B+; BBC
Master 128; BBC Master Compact; Acorn
Archimedes; Acorn A3000; (small lab pack)
£42.00 BBC B; BBC B+; BBC Master 128; BBC
Master Compact; Acorn Archimedes; Acorn
A3000; (large lab pack) £63.00 BBC Econet;
£46.00Single pack: 2 disks; 1 teacher's book; 1
children's book; National curriculum
flowcharts; checklists Small lab pack: 1 copy of
full pack plus 5 extra copies of disks Large lab
pack: 2 copies of full pack plus 10 extra copies
of disksMathematics; Puzzles; Problem solving;
Language; Computer graphics; Adventure
simulation;Children journey through space, tackling
mathematical problems at one of three levels of
difficulty as they attempt to help the village of
Mada, where nothing ever grows. National
curriculum pack available at £4.95BBC 40t 5.25" DFS; BBC 80t 5.25" DFS; BBC
Compact 3.5" ADFS disk. 3.5" DFS and 5.25"
ADFS disks also available

9-13

Space track

Morris, Steve

Cambridge: Cambridge Micro Software

198-

BBC B+; BBC Master; £17.50

4 disks (40/80t); 1 teacher's handbook

Sciences; Primary education; Simulation

0521305594

Introduces programming through user taking on
role of astronaut navigating shuttle rocket across
meteor paths and asteroid belt.**Space walk**Glover, Jane; Glover, David; Netherhall
Educational SoftwareCambridge: Cambridge Micro Software
1985

'First Projects' series

BBC B; BBC B+; BBC Master; £22.50

1 disk; 1 booklet

Primary education; Sciences; Physics;
Astronomy; Languages; Simulation

052130556X

The program aims to give the chance to explore
and make discoveries in a situation that would
be inaccessible without the aid of a
microcomputer. Children can go for a walk in
space, giving them a real feel for Newton's
Laws of Motion as they play in space.

40/80t

6-9

Spaceship earth

Phillips, Martin; Robertson, S.; HUMMEC

(Humberside Microelectronics in Education Centre); et al.

Doncaster: RESOURCE

198-

BBC B; BBC Master 128; £30.50

5 disks; teacher documentation; worksheets

Primary education; Databases; Simulation; Cross curriculum; Geography; Environmental education; Sociology; Information handling; Personal and social education; Secondary education

A simulation centering around the need to leave Earth because of impending catastrophe, and the search for a suitable host planet to the human race. Groups are assigned specific roles to study the environment, atmosphere, geography of the planets and the psychological and social implications of any specific choice. As the simulation progresses, several firm choices emerge and the final choice is made by the entire group. A copy of Find or Junior find is necessary to run the simulation. LEA/Regional licences and bulk purchase discount available.

BBC 5.25" 40t DFS disk; 80t DFS available - £1.50 surcharge per disk

10-16

Spacex

Matson, Mike

Barnstaple: 4mation Educational Resources
1984

BBC B; BBC B+; BBC Master; £10.40

1 disk; 1 booklet

Puzzles; Problem solving; Creative writing; Adventure simulation; Language; Primary education

A text-only adventure designed to be used as the basis for a class project, with groups of children taking on the role of space scientists. Involves collaborative working and careful planning and recording

5-11

Spanish gold

Spalding: Chalksoft Ltd

198-

Language lab

BBC B; BBC B+; BBC Master; £15.00 BBC Master Compact; £17.00

Disk; 40t; 80t; 3.5"

Language; Reading skills; Computer games; Primary education; Special educational needs

1851160140

A multi-path story book on screen, with games and activities among the text and pictures, based on the adventures of a London child visiting relatives in a seaside cottage in Wales. Various endings are possible.

Please state whether 40-track or 80-track disks are required.

7-10

Spanish main

See: Microprimer software : pack 3

Spanish tutor : levels A and B

Dunstable: Kosmos Software Ltd

198-

Amstrad CPC (3.0" disk); Amstrad PCW (3.0" disk); Spectrum Plus 3 (3.0" disk); Atari ST (3.5"

disk); IBM PC & compatibles (3.5"/5.25" disk); £19.95 Amstrad CPC (cassette); £16.95

Disk/cassette

Modern languages; Spanish; Secondary education; Sixth form education; Further education; Adult education

Includes extensive vocabulary lists arranged as a series of lessons, each covering a different subject. Sophisticated tuition control allows lessons to be modified to individual requirements. Features self-teach display and self-test modes and facilities for lesson creation/editing.

State whether disk/cassette required and computer type.

11+

Spanish tutor : level A only

Dunstable: Kosmos Software Ltd

198-

BBC B; BBC B+; BBC Master; Acorn Electron; Spectrum; Amstrad CPC (cassette) £8.95 BBC B; BBC B+; BBC Master; (5.25" disk) £9.95 Spectrum Plus 3 (3"0" disk); £10.95 Amstrad CPC (3.0" disk); £12.95

Disk/cassette

Modern languages; Spanish; Secondary education; Sixth form education; Further education; Adult education

Includes extensive vocabulary lists arranged as a series of 16 lessons subjects including the family; foods; vehicles; shops; substances; clothes etc. Sophisticated tuition control allows lessons to be modified to individual requirements. Features self-teach display and self-test modes and facilities for lesson creation/editing.

State whether disk/cassette required and computer type.

11+

Spanish tutor : level B only

Dunstable: Kosmos Software Ltd

198-

BBC B; BBC B+; BBC Master; Acorn Electron; Spectrum; Amstrad CPC (cassette) £8.95 BBC B; BBC B+; BBC Master; (5.25" disk) £9.95 Spectrum Plus 3 (3"0" disk); £10.95 Amstrad CPC (3.0" disk); £12.95

Disk/cassette

Modern languages; Spanish; Secondary education; Sixth form education; Further education; Adult education

Includes extensive vocabulary lists arranged as a series of 16 lessons, on general vocabulary with adjectives, prepositions & conjunctions, adverbs and fully conjugated verb lists in 5/6 tenses. Sophisticated tuition control allows lessons to be modified to individual requirements. Features self-teach display and self-test modes and facilities for lesson creation/editing.

State whether disk/cassette required and computer type.

11+

Spatial displays

See: Geography data processing. 1: Data presentation

Spatial displays

See: Ecology data processing. 1: Graphs and charts

Special offer

Halifax: Careersoft

198-

BBC B; BBC B+; BBC Master 128; BBC Master Compact; £80.00

Disks

Schools; Administration; Databases; Data processing; Word processing; Careers; Personal and social education; Life skills; Business education; Information handling; Cross curriculum

Contents: Any 5 of: C.V. and letter of application processor; Classify it; Enterprise/business plan processor; Local industry package; Micro-firm; Moving on; Work experience administration. Programs available individually in any version as available

BBC B, B+, Master 128 (5.25" disks); Master Compact (3.5" disks); 40 or 80 track drive and colour monitor essential; parallel printer advisable. 5.25" disk versions run under DFS operating system

14-18+

Spectrum assembly language course

Thompson, M.E.

Barnet: Glentop Press Ltd

198-

Spectrum 16K; Spectrum 48K; Spectrum +; £9.95

Tape; Book

Computer studies; Programming languages; Computer studies; Secondary education; Further education

1907792448

A step-by-step introduction for the beginner to Z80 programming, with numerous examples and exercises included in the book. Tape contains complete Z80 assembler with symbolic labels, which allows programs to be written easily in assembly language and these it translates into machine code. Includes machine-code monitor and binary/hexadecimal tutor

16+

Spectrum selection

Gravesend: Fernleaf Educational Software Ltd

198-

Software selections

ZX Spectrum 48K; Plus; Plus 2; £19.95

Cassette; documentation

Puzzles; Problem solving; Primary education; Secondary education; Computer games

Contents: Fletcher's Castle; Perfume hunter; Raiders; Treasure. Programs available individually on cassette £12.95

Please state make/model of computer; network system; disk size and printer.

7-12+

Speech

Hoskin, David

Cambridge: Acornsoft

BBC B; B+; 128K B+; Master 128; Master Compact (40/80t); £11.95 BBC B; B+; 128K B+; Master 128; Master Compact (3.5"); £14.95

Disk; booklet

Special educational needs; Utilities; Computer programming

A speech synthesiser, which requires no extra hardware, has an unlimited vocabulary and is simple to use.

40/80t disk; 3.5" disk

5+

Speed

See: Set of 13 reading and spelling programs

Speedread

Rope, Arthur

London: Wida Software Ltd

198-

BBC B; BBC B+; BBC Master; £27.50 each version BBC Econet Level 2/3; £55.00 each version

Disk

Modern languages; French; German; Spanish; English; Reading skills; Primary education; Secondary education; Authoring aids

Gives training in reading for comprehension at speed - teacher authored text is presented in 8-line blocks in single or double height letters for a pre-chosen time length. Multiple choice questions follow either after each screen or at the end. Available in English; French; German and Spanish versions.

BBC 40/80t; programs convertible by user for Master Compact

8-15

Speedread : French version

Rope, Arthur

London: Wida Software Ltd

198-

Speedread

BBC B; BBC B+; BBC Master; £27.50 BBC Econet Level 2/3; £55.00

Disk

Modern languages; French; Reading skills; Primary education; Secondary education; Authoring aids

Gives training in reading for comprehension at speed - teacher authored text is presented in 8-line blocks in single or double height letters for a pre-chosen time length. Multiple choice questions follow either after each screen or at the end. Available also in English; German and Spanish versions.

BBC 40/80t; programs convertible by user for Master Compact

8-15

Speedread : German version

Rope, Arthur

London: Wida Software Ltd

198-

Speedread

BBC B; BBC B+; BBC Master; £27.50 BBC Econet Level 2/3; £55.00

Disk

Modern languages; German; Reading skills; Primary education; Secondary education; Authoring aids

Gives training in reading for comprehension at speed - teacher authored text is presented in 8-line blocks in single or double height letters for a pre-chosen time length. Multiple choice questions follow either after each screen or at the end. Available in English; French; and Spanish versions.

BBC 40/80t; programs convertible by user for Master Compact

8-15

Speedread : Spanish version

Rope, Arthur

London: Wida Software Ltd

198-

Speedread

BBC B; BBC B+; BBC Master; £27.50 BBC Econet Level 2/3; £55.00

Disk

Modern languages; Spanish; Reading skills; Primary education; Secondary education; Authoring aids

Gives training in reading for comprehension at speed - teacher authored text is presented in 8-line blocks in single or double height letters for a pre-chosen time length. Multiple choice questions follow either after each screen or at the end. Available also in English; French; and German versions.

BBC 40/80t; programs convertible by user for Master Compact

8-15

Speedread : set 1

Birmingham: Daco Software

198-

Speedread

BBC B; BBC B+; BBC Master; £12.95 Now available on A3000 and Archimedes; £15.95

Disk

English; Reading skills; Special educational needs; Primary education;

A remedial program to increase reading efficiency, encouraging greater speed of reading, greater flexibility in reading speed, increased concentration and improved comprehension. Passages are displayed either line by line or phrase by phrase, with the speed at which each line or phrase appears being pre-set by the teacher. Includes questions based on the text at the end of each passage and automatic recording of each pupil's progress. Contained in Primary kit.

8-11

Speedread : set 2

Birmingham: Daco Software

198-

Speedread

BBC B; BBC B+; BBC Master; £12.95 Now available on A3000 and Archimedes; £15.95

Disk

English; Reading skills; Special educational needs; Primary education;

A program to increase reading efficiency, encouraging greater speed of reading, greater flexibility in reading speed, increased concentration and improved comprehension. Passages are displayed either line by line or phrase by phrase, with the speed at which each line or phrase appears being pre-set by the teacher. Includes questions based on the text at the end of each passage and automatic recording of each pupil's progress. Contained in Primary kit.

9+

Speedread : set 3

Birmingham: Daco Software

198-

Speedread

BBC B; BBC B+; BBC Master; £12.95 Now available on A3000 and Archimedes; £15.95

Disk

English; Reading skills; Special educational needs; Primary education

A program to increase reading efficiency, encouraging greater speed of reading, greater flexibility in reading speed, increased concentration and improved comprehension. Passages are displayed either line by line or phrase by phrase, with the speed at which each line or phrase appears being pre-set by the teacher. Includes questions based on the text at the end of each passage and automatic recording of each pupil's progress. Contained in Primary kit.

10+

Speedread : set 4

Birmingham: Daco Software

198-

Speedread

BBC B; BBC B+; BBC Master; £12.95 Now available on A3000 and Archimedes; £15.95

Disk

English; Reading skills; Special educational needs

A program to increase reading efficiency, encouraging greater speed of reading, greater flexibility in reading speed, increased concentration and improved comprehension. Passages are displayed either line by line or phrase by phrase, with the speed at which each line or phrase appears being pre-set by the teacher. Includes questions based on the text at the end of each passage and automatic recording of each pupil's progress. Contained in full Primary kit.

11+

Speedread : set 5

Birmingham: Daco Software

198-

Speedread

BBC B; BBC B+; BBC Master; £12.95 Now available on A3000 and Archimedes; £15.95

Disk

English; Reading skills; Special educational needs

A remedial program to increase reading efficiency, encouraging greater speed of reading, greater flexibility in reading speed, increased concentration and improved comprehension. Passages are displayed either line by line or phrase by phrase, with the speed at which each line or phrase appears being pre-set by the teacher. Includes questions based on the text at the end of each passage and automatic recording of each pupil's progress. Contained in Secondary kit.

8-12

Speedread : set 6

Birmingham: Daco Software

198-

Speedread

BBC B; BBC B+; BBC Master; £12.95 Now available on A3000 and Archimedes; £15.95

Disk

English; Reading skills; Special educational needs; Secondary education

A program to increase reading efficiency, encouraging greater speed of reading, greater flexibility in reading speed, increased concentration and improved comprehension. Passages are displayed either line by line or phrase by phrase, with the speed at which each line or phrase appears being pre-set by the teacher. Includes questions based on the text at the end of each passage and automatic recording of each pupil's progress. Contained in Secondary kit.

Speedread : set 7

Birmingham: Daco Software

198-

Speedread

BBC B; BBC B+; BBC Master; £12.95 Now available on A3000 and Archimedes; £15.95

Disk

English; Reading skills; Special educational needs; Secondary education

A program to increase reading efficiency, encouraging greater speed of reading, greater flexibility in reading speed, increased concentration and improved comprehension. Passages are displayed either line by line or phrase by phrase, with the speed at which each line or phrase appears being pre-set by the teacher. Includes questions based on the text at the end of each passage and automatic recording of each pupil's progress. Contained in Secondary kit.

12-13

Speedread : set 8

Birmingham: Daco Software

198-

Speedread

BBC B; BBC B+; BBC Master; £12.95 Now available on A3000 and Archimedes; £15.95

Disk

English; Reading skills; Special educational needs; Secondary education

A program to increase reading efficiency, encouraging greater speed of reading, greater flexibility in reading speed, increased concentration and improved comprehension. Passages are displayed either line by line or phrase by phrase, with the speed at which each line or phrase appears being pre-set by the teacher. Includes questions based on the text at the end of each passage and automatic recording of each pupil's progress. Contained in secondary kit.

14+

Speedread primary kit

Birmingham: Daco Software

198-

Speedread

BBC B; BBC B+; BBC Master; £36.00 A3000 and Archimedes version now available; £39.00

4 disks

English; Reading skills; Special educational needs; Primary education

Programs to increase reading efficiency, encouraging greater speed of reading, greater flexibility in reading speed, increased concentration and improved comprehension. Contents: Sets one, two, three and four. Passages are displayed either line by line or phrase by phrase, with the speed at which each line or phrase appears being pre-set by the teacher. Includes questions based on the text at the end

of each passage and automatic recording of each pupil's progress. Sets available individually.

8-11+

Speedread secondary kit

Birmingham: Daco Software

198-

Speedread

BBC B; BBC B+; BBC Master; £36.00 A3000 and Archimedes version now available; £39.00

Disk

English; Reading skills; Special educational needs; Secondary education

Programs to increase reading efficiency, encouraging greater speed of reading, greater flexibility in reading speed, increased concentration and improved comprehension. Contents: sets five, six, seven and eight. Passages are displayed either line by line or phrase by phrase, with the speed at which each line or phrase appears being pre-set by the teacher. Includes questions based on the text at the end of each passage and automatic recording of each pupil's progress. Sets available individually.

8-14+

Spell

See: Educational 1 and Educational 2

Spell

See: Set of 13 reading and spelling programs

Spell the word

See: Fun school for under 6s

Spell your name

See: Touch basics

Spell 100

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £24.50

Disk

English; Spelling; Primary education; Secondary education; Authoring aids

Enables teachers to compile own graded sets of words for use in spelling exercise; stores up to 1,000 words on disk. Includes facilities for editing and copying onto a printer. Maintains records for up to 19 students.

Only specify 80t if you cannot use 40t disks.

Spellagram

Bickers, J.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1985

BBC B; £4.00

Disk; Documentation

English; Language; Spelling; Primary education

Tests and reinforces teacher-input vocabulary. Four sections: copy practice (for slow learners); look and spell (word on screen for teacher-set time); two anagram sections, one easy, one harder. Menu driven.

Spellbinder

Cambridge: Acornsoft

BBC B; B+; 128K B+; Master 128; Master Compact (40/80t); £11.95 BBC B; B+; 128K B+; Master 128; Master Compact (3.5"); £14.95

Disk; booklet

Puzzles; Problem solving; Computer games; Primary education;

The user has to find the ingredients to produce powerful magical spells which, when cast on the evil rebel Zorn, will free the land of Lorraine from his treachery and enable the council of Magelords to return.

40/80t disk; 3.5" disk

5+

Spellbound

Miller, L.

Ashton-under-Lyne: Granada Educational Software

1989

BBC; RML 480Z; RML 380Z; £15.00

Disk

Language; Spelling; Special educational needs

A program to improve accuracy in spelling and punctuation

Disk (5.25")

7-13

Spellbound

Glasgow: Collins Educational; Holmes McDougall Educational Publishing

198-

Adventures in English

BBC; £29.50

Disk; documentation; spiritmaster worksheets

English; Reading skills; Spelling; Art; Craft, design, technology; Cross curriculum; Primary education; Computer games

071572410X

Directly related to the English Alive programme. Develops listening, speaking, reference and comprehension skills, improving vocabulary, spelling and sentence structure. Based on a theme of witches and spells

8-11

Spellcheck 3

Noble, Roger

St. Albans: Beebugsoft Ltd

198-

BBC B; BBC Master 128; £36.00 (£27.00 members' discount price)

ROM

Spelling; Word processing; Primary education; Secondary education; Sixth form education; Further education

A menu-driven spelling checker, allowing unknown words to be added to the dictionary, ignored or respelt. Ideal companion to Wordwise or View

40t or 80t DFS

5-16+

Spelling

London: ALBSU (Adult Literacy and Basic Skills Unit)

1985

BBC B; £7.00

2 disks; tutor notes

Spelling; Reading skills; Language; English (second language); Further education; Adult education

Intended for adults who read fairly well but have difficulties with spelling. Offers a choice of learning methods and practice

16+

Spelling

Waites, Nick

Plymouth: Garland Computing

1985

Make Sam smile BBC B; BBC B+; BBC Master 128; £11.75 Econet; £29.40

Disk

Reading skills; Special educational needs; Preschool education; Infant school education; Primary education; Computer graphics

For children who have mastered the first steps in word recognition. Words are built up letter-by-letter until complete. Available in Make Sam smile collection. Site licences, multiple copy discounts available; details from publishers

BBC 40 or 80t (please specify)

4+

Spelling : week by week

Spalding: Chalksoft Ltd

198-

Language lab

BBC B; BBC B+; BBC Master; £18.00 BBC Master Compact; £20.00

Disk 40t/80t/3.5"; manual; copy sheet

Language; Spelling; Reading skills; Infant school education; Primary education; Secondary education; Special educational needs

1851160221

Data disk contains 2000+ words structured into six levels of learning difficulty; each week each child can be set 12-20 graded words to learn which are tested the following week. Uses the read/cover/write/check approach. Maintains performance charts.

Please state whether 40-track or 80-track disks are required. Option to print to Epson-type printer.

6-14

Spelling : your own words

Spalding: Chalksoft Ltd

198-

Language lab

BBC B; BBC B+; BBC Master; £15.00 BBC Master Compact; £17.00

Disk; booklet

Language; Spelling; Reading skills; Infant school education; Primary education; Secondary education; Further education Special educational needs

185116040X

Provides teachers with the facility to use their own word lists - holds ten different word-sets up to 20 words long, which can be altered at any time using the editing program included. Teachers can also set and lock all important variables - which sets; how long on-screen; how many repeats allowed, etc.

3.5"; please state whether 40-track or 80-track

disks are required. Option to print to Epson-type printer.

6-18

Spelling practice

See: Helping with spelling

Spellwise

London: Sussex Publications Ltd; World Microfilms

198-

English revision on microcomputer

BBC B; BBC B+; £18.95 Econet level 2; £29.95

Disk; manual

English; Language; Spelling; Secondary education; General Certificate of Secondary Education

A practical spelling revision aid, with introductory material, questions and information which can be used by groups or individuals. Available in set: English revision on microcomputer

BBC 40t or 80t disk

11+

Spell-master

Hemel Hempstead: Computer Concepts Ltd

198-

Acorn Archimedes; £42.61 (ROM); £29.00 (Disk)

ROM or Disk; manual

Word processing; Spelling; Primary education; Secondary education; Further education

Designed for use with Inter-Word and Impression. Features include an ignore dictionary and an intelligent "guess word" option; over 57,000 complete words; user expandable dictionaries; dictionary browsing; crossword, anagram and fuzzy checking features

ROM requires ROM module. Written in ARM assembler; suitable for both Arthur and RISC OS operating systems

8-16+

Spending

See: Earning, spending, banking and budgeting

Spice.Age : module 1

Those Engineers Ltd

London: Pineapple Software

198-

Spice.Age

IBM PC; IBM XT; IBM AT; £70.00 8-user version licence: details from publishers

Disk; user manual

Simulation; Physics; Electronics; Computer graphics

A circuit simulation program, dealing with frequency response analysis. Runs under Digital Research's GEM environment; includes GEM version 3.0. Ready to use components can have virtually any value. Program solves for circuit quiescents, establishes the operating point, calculates the small-signal results. Numerical and graphical gain and phase results can be generated, graphs plotted on log or linear scales, output nodes changed, etc

Requires 512K RAM. Runs under DOS 2.0 or later

Spice.Age : module 2

Those Engineers Ltd

Ilford: Pineapple Software

198-

Spice.Age

IBM PC; IBM XT; IBM AT; £140.00 8-user version licence: details from publishers

Disk; user manual

Simulation; Physics; Electronics; Computer graphics

A circuit simulation program, dealing with DC quiescent analysis. Runs under Digital Research's GEM environment; includes GEM version 3.0. Ready to use components can have virtually any value. Program analyzes DC voltages in any network, catering automatically for non-linear components such as transistors and diodes. Ideal for confirming bias conditions and offsets. Tabular results available for each node; reference node user-selectable

Requires 512K RAM. Runs under DOS 2.0 or later

Spice.Age : module 3

Those Engineers Ltd

Ilford: Pineapple Software

198-

Spice.Age

IBM PC; IBM XT; IBM AT; £210.00 8-user version licence: details from publishers

Disk; user manual

Simulation; Physics; Electronics; Computer graphics

A circuit simulation program, which runs under Digital Research's GEM environment; includes GEM version 3.0. Ready to use components can have virtually any value. Program examines the transient response arising from a wide range of inputs - impulse, sine wave, step, triangle, ramp, square and pulse train; parameters of each user-definable; sweep time adjustable; re active components may be precharged to steady-state condition. Allows up to 4 probe nodes, and simultaneous plots permit easy result comparisons

Requires 512K RAM. Runs under DOS 2.0 or later

Spice.Age : module 4

Those Engineers Ltd

Ilford: Pineapple Software

198-

Spice.Age

IBM PC; IBM XT; IBM AT; £245.00 8-user version licence: details from publishers

Disk; user manual

Simulation; Physics; Electronics; Computer graphics

A circuit simulation program, which runs under Digital Research's GEM environment and includes GEM version 3.0. Ready to use components can have virtually any value. Program performs Fourier transforms on transient analysis data, allowing user to examine transient analysis waveforms for the most prevalent frequency component, with amplitude plotted against frequency. Includes simple spectrum analyser for snapshots of transients. Interpolates from transient analysis data; handles up to 512 data values

Requires 512K RAM. Runs under DOS 2.0 or later

Spider

See: Basic package

Spiegel

Chepstow: AVP Computing

198-

German programs with Willi Wunderbar

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £19.50 BBC Master Compact; £21.70 Acorn Archimedes; Amiga; RM Nimbus; £24.50 RM Nimbus Network; (up to 16 machines) £45.00; (up to 48 machines) £65.00 Econet; £58.50

Disk

German; Modern languages; Secondary education; Computer games; General Certificate of Secondary Education

Presents multi-choice or type-in answer questions in a fruit machine game format. Twenty two sets of questions on German word order are held on data files. Includes facility for user to write extra sets of questions.

Only specify 80t if you cannot use 40t disks

13-16

Spiral

See: Basic package

Spirals

Chepstow: AVP Computing

BBC B; BBC B+; BBC Master 128; £19.50

Disk; Teachers' notes; pupils' cards; worksheets Mathematics; Technology; Secondary education

A Spirograph simulation with great possibilities for mathematical investigations. It has a fast machine code drawing routine, great flexibility and lots of options. Screen dump for the Epson printer

11+

Spitsym

Chepstow: AVP Computing

BBC B; BBC B+; BBC Master 128; £19.50

Disk

Geography; Secondary education; General Certificate of Education; A level examinations

A microcomputer version of the well-known mainframe simulation modelling the development of Hurst Castle Spit. Contains full background information on the running of the simulation and the factors controlling the growth of the spit, including on screen location and process maps. A number of key variables are identified and the program is suitable for demonstration of the main factors controlling the growth of the spit, using the "ideal" combination of variables, or an in depth study where each variable can be changed to investigate its effect on development. Hard copy is available to an Epson compatible printer at any stage of the simulation

14-18

SplitSense

Glasgow: Mike Harland

198-

Apple Macintosh; £7.00

Disk

Language; English; Modern languages; Primary education; Secondary education

A sentence comprehension exercise for most languages, allowing five sentences to be split for students to match them up. Designed to test understanding of use of conjunctions in relative, conditional, causal and purpose clauses. Any number of new sentences may be added by the teacher.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration

7+

Spot

See: Teaching with a micro : maths 3

Spooky manor

See: Education compendium

Spooky towers

Glasgow: Collins Educational; Holmes McDougall Educational Publishing

198-

Adventures in English

BBC; £29.50

Disk; documentation; spiritmaster worksheets

English; Reading skills; Art; Craft, design, technology; Cross curriculum; Infant school education; Primary education; Primary secondary education; Computer games

0715725246

Directly related to the English Alive programme. Develops listening, speaking, and comprehension skills, providing practice in phonic word recognition and vocabulary skills. Based on the theme of a haunted house

7-9

Spot Blob

See: Blob 2

Spot on games

Boyes, Rod

Bradford: Brilliant Computing

1988

BBC B; BBC B+; BBC Master; £15.00

40/80; Disk; manual

Preschool education; Infant school education; Primary education; Special educational needs; Computer games; Co ordination; Reading skills

6 games practising ability to operate a switch at the right time. Teacher- controlled difficulty levels. Requires no reading skills; can provide training for use of scanning communicator system. Contents: Jack in the Box (user "catches" Jack); Snap (for 2 adult players - user presses switch when cards match); Shooting gallery (user presses switch when target passes through centre of gunsight); Rain cloud (user makes raindrop fall into plant pot); Ferdinand frog (user operates Ferdinand's tongue to catch a fly); Hurdles (user makes athlete jump hurdles).

BBC 5.25" disk; Works with space bar; one switch (e.g. block switch) and interface box; Joysticks, Micromike, any other simple switch.

3+

Spot the polluters

London: ITV Schools

198-

BBC B; BBC B+; BBC Master 128; £28.75

1 disk

Sciences; Problem solving; Secondary education; Information handling

Extends skills in data handling, problem solving and decision making. Pupils take on the role of a Pollution Control Team, attempting to detect a source of pollution that may be sited in any one of 4 power stations, 4 factories, 4 cities or 2 areas of heavy traffic. Also contained in: Scientific eye (price £28.75). Associated ITV Schools programme: Scientific eye.

5.25", DFS

11-13

Spots

See: Findme / Spots

Spreadsheet and graphics

Studley: LTS (Learning and Training Systems)

198-

Forte

Acorn Archimedes with PC emulator; RM Nimbus PC186 with 1Mb., PC286, AX, VX; IBM PCs PS/2 and compatibles; £30; add £30 site/network licence

Business education; Computer studies; Cross curriculum; Spreadsheets; Computer Graphics; Primary education; Secondary education; Sixth form education; Further education

Contained in Forte. An easy to use powerful spreadsheet / graphics facility. Allows numeric data to be manipulated; has a powerful graphics feature to illustrate the results. Allows goal seeking exploration. Imports text and database files

Archimedes requires PC emulator; RM Nimbus PC186 requires 1Mb.

10-18+

Spreadsheets across the curriculum

Black, Jill; Hinder, Alan

Hatfield: Advisory Unit

1987

BBC B; BBC Master 128; BBC Master Compact; Econet; RM Nimbus/Network; £30.00

2 disks (Nimbus version 1 disk); teacher's guide; user's guide/worksheets; Introduction to multiplan (Nimbus version only)

Cross curriculum; Sciences; Biology; Business education; Chemistry; Craft, design, technology; Geography; Home economics; Physics; Spreadsheets; Secondary education; Further education

0 946039 61 5 (RM Nimbus) 1 85606 001 2 (BBC)

A teaching pack to encourage the use of spreadsheets across the curriculum, illustrating approximately 40 different uses of spreadsheets. Bulk order discounts available.

Uses Multiplan on RM Nimbus; Viewsheets on BBC machines

11+

Spreadsheets and graphics across the curriculum

Newport, Lincoln: MEDUSA

198-

BBC B; BBC B+; BBC Master; £7.50 (each)

Disk

Computer studies; Spreadsheets; Computer graphics; Content free programs

Two packages presenting sets of ten applications of Viewsheet and Viewplot in a range of subject areas; each pack includes a disk of example files.

SPSS for Macintosh

Walton on Thames: SPSS UK Ltd.

1989

Apple Macintosh; details from publishers

Disk

Statistics; Information handling

A statistical data analysis package, with applications covering all forms of survey analysis; market research and product testing; personnel evaluations; decision support; healthcare analysis; computer performance evaluation and statistical quality control.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Sputniks

See: Basic package

Square

See: Basic package

Square bashing

Smart, Steve; Robertson, Ian

Blairgowrie: Locheesoft

198-

Series 5

BBC B; BBC B+; BBC Master 128; BBC Networks; £19.50 (Part of proceeds donated to Save the Children Fund)

Disk

Mathematics; Special educational needs; Infant school education; Primary education

0947584919

User builds a sequence of patterns composed of coloured squares, against the clock. (9 levels of difficulty, with final levels using quite complicated patterns). Incorporates a no fail learning strategy whereby the computer provides a sequence of cues to assist the user. Incorporates many different rewards and feedback; assessment version with no feedback also included. May be operated with Concept keyboard; touch screen or joystick. Results may be stored and monitored.

BBC 40t s/d DFS disk (unless 80t requested); programs will also run on ADFS or Network. Please specify whether A3 or A4 overlays are required.

6+

Square 1

See: Basic package

Square 1

See: Making connections

Square 2

See: Basic package

Squares

Straker, Anita; MEP

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1983

BBC B; RM Nimbus; £2.50

Disk

Mathematics; Primary education

An investigation into a number of different squares that can be counted on a grid.

Squares

See: Games, activities and investigations volume 1

Squares

See: Mathematical investigations in the primary classroom

Squares

See: Think ahead

Squash

See Arcade challenge, Brilliant Computing

Squeak : mouse driven Prestel terminal

Lisbona, David

London: Aldoda International Ltd

1986

BBC B; BBC B+; BBC Master 128; (ROM and disk) £24.50 BBC B; BBC B+; BBC Master 128; (disk) £22.00

Viewdata; Utilities

A powerful user-friendly Prestel terminal based upon the popular AMX Mouse, giving Amiga-type capabilities.

Requires BBC micro with disk-drive and AMX Super ROM. Can be operated from keyboard or with a joystick. Compatible with all 1200/75; 300/300; 1200/1200 and 2400/2400 baud modems, and with all Prestel-type Viewdata services.

Squeeze

Stewart, Ian

Wisbech, Cambridgeshire: esm

198-

Best four maths; Primary maths software box

BBC B; BBC B+; BBC Master 128; £13.75

Disk; activity book, puzzle book, workcards

Mathematics; Puzzles; Problem solving; Primary education

Contained in Best four maths and Primary maths software box. Helps children grasp basic geometric concepts, visualising and discussing how shapes relate to each other and rotating, reflecting and sliding shapes in a given space to complete puzzles.

BBC 5.25" disk

5-12

Squeeze

See: Videomaths 2

Sqwhere

See: Switch games 1

Stadt/ville

Glasgow: Scetlander

1990

BBC B; BBC B+; BBC Master 128; £15.00

Disk

Modern languages; French; German; Secondary education; Sixth form education; Further education; Simulation; Computer graphics

1855720701

An interactive French and/or German language teaching program, based on a imaginary visit to a pen-pal in France or Germany. Involves pupils earning points by travelling on public transport in the town centre, buying gifts, visiting museums, etc. Includes teacher control section to set language levels. Need to specify which language is required. English version available for English as a second language.

BBC 5.25" disk

12-18+

Stairways

See: Think it out

Stalingrad

Wright, K.

London: Cases Computer Simulations Ltd

1988

Spectrum 48/128K; £9.95

Cassette

History; Secondary education; Simulation; Computer games; Puzzles; Problem solving

The user commands the German armies of Army Group South in the Wehrmacht's campaign against the Soviet Line culminating in the battle for Stalingrad. Includes scrolling map, varied terrain, 7 screens, 3 difficulty levels, hidden movement, replacements, supply, unit details.

11-Adult

StarNine utilities

Exeter: Maxima Communications plc

198-

Apple Macintosh; £70.00

Disk

Communication; Utilities

Provides Macintosh-like utilities for Apple's implementation of Unix, A/UX. Allows users to copy direct from A/UX to HFS; and to launch Macintosh applications easily and safely. Includes: audit system; disk admin; look for disks; snapshot (for capturing A/UX screen images); ramdisk and screensaver.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

StarNineMail link

Exeter: Maxima Communications plc

198-

Apple Macintosh; £450.00 (A/UX); £695.00 (Sun)

Disk

Communication; Utilities

An electronic mail gateway between QuickMail for the Macintosh and the Unix standard sendmail system. Connections can be made over LocalTalk and Ethernet networks. Support promised for other Macintosh mail systems

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration

Starry

See: Basic package

Stars

Riley, David

Hatfield: Advisory Unit

1984 (documentation booklet); 1986 (software)

BBC B; BBC B+; BBC Master 128; BBC Master Compact; Econet; RM Nimbus; Archimedes; £12.00

1 disk; 1 booklet; 8 copies of map

Geography; Economics; Secondary education; Business education; Computer games

0 946039 13 5

A location game in which the user makes decisions on retail prices for a number of different petrol stations. Sponsored by BP. Bulk order discounts available.

11+

Stars

See: Learning geography with computers

Stars 1

See: Basic package

Stars 2

See: Basic package

Starset

Hatfield: Advisory Unit

198-

BBC B; BBC B+; BBC Master 128; BBC Master Compact; RML 380Z; RML 480Z; Spectrum; £8.00

Disk; booklet

Utilities; Primary education; Secondary education

Enables user to interface program with Concept keyboard; to create new overlays, or edit previous overlays for the Star Microterminals Concept Keyboard, without adapting the original program. Bulk order discounts available.

For use with Concept keyboard. Please specify machine version required.

7+

Starship command

See: Acornsoft hits 2

Starting Quest

Levett, John; Hart, Bob

Hatfield: Advisory Unit

1986

Quest in the curriculum

BBC; RML 480Z; RM Nimbus; IBM PC; Archimedes; £15.00

1 disk; 1 booklet; 1 command and question formula sheet

Cross curriculum; Primary education; Secondary education; Information handling; Data processing

0 946039 26 7

An introduction to the use of Quest for classroom investigative activities. Contained in Quest in the curriculum pack (£40.00). Bulk order discounts available.

Please specify machine version required.

7+

Stations

See: Games with words: pack 2

Statistical and experimental tools

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £19.50 BBC Master Compact; £21.70 Acorn Archimedes; RM Nimbus; £24.50 RM Nimbus network; (up to 16 machines) £45.00; (up to 48 machines) £65.00

Disk

Sciences; Statistics; Secondary education; Sixth form education; Further education

7 programs for analysing data input: Frequency analysis (Single unit classes); Frequency analysis (histograms); Correlation and regression; Standard deviation; Random sampling; Chi squared; Scattergram.

Only specify 80t if you cannot use 40t disks.

16+

Statistical investigations in the secondary school

Open University, Centre for Mathematics Education

Cambridge: Cambridge Micro Software
1987

BBC B; BBC B+; BBC Master; £19.50 2 disks; 1 documentation booklet

Mathematics; Statistics; Data handling; Computer graphics Secondary education

0521310938

Programs are intended to support the book "Statistical investigations in the secondary school" by Alan Graham (Cambridge University Press, 1987). They provide graphical tools to help with analysing data and estimating.

disks are 40t or 80t.

11-18

Statistical methods

See: Geography data processing. 2: Statistical methods

Statistical methods

See: Ecology data processing. 2: Statistical methods

Statistics for biologists

Miller, Dr J.; Beardon, L.A.; Godwood, J. et al

Cambridge: Cambridge Micro Software
1989

BBC B+; BBC Master; £27.50 Econet; £40.00

4 disks; 1 teacher's handbook

Biology; Sixth form education; Utilities

0521321034 (BBC 40/80t); 0521354447 (Econet 80t)

Provides utilities for hypothesis testing in genetics and population studies.

Econet requires 80t disk; BBC B+ and BBC Master 40/80t.

Statistics for biologists

See: Ecology pack and Heredity pack

Statistics teaching

Dawkins, H.C.

Houghton-on-the-Hill, Leicester: MUSE
(Microcomputer Users in Education)

1989

BBC B; BBC Master 128; £15.00

Disk

Mathematics; Statistics; Secondary education; Computer graphics

Seven programs using graphics to demonstrate statistical ideas. Topics covered include the generation of Gaussian, Poisson and binomial distributions, the differences between means of two treatments, standard deviation, linear regression and sampling theory.

Stats

See: Count, Tiles, Shape, Boxes, Sequences, Blocks 1 & 2, Clock, Stats and Logic 1.

Status

London: ITV Schools

198-

BBC B; BBC B+; BBC Master; £21.75 BBC Network; £27.50 RM Nimbus; £24.00 RM Nimbus Network; £29.00

Disk

Statistics; Geography; Biology; Sciences; Economics; Sociology; Computer studies; Secondary education; Data processing; Cross curriculum

Status selects appropriate tests, e.g. mean, mode, median, standard deviation, chi square, Spearman's R, Pearson's R, T-tests etc. After answering questions, user enters collected data and the program displays and explains calculations as they are carried out. Statistics can be displayed in graphic form. Status accepts Key datafiles. Statistical manual available separately, price £4.85.

BBC B, BBC B+, BBC Master 5.25", DFS; BBC Network 3.5" or 5.25", NFS

Stell mir eine frage

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £19.50 BBC Master Compact; £21.70 Acorn Archimedes; RM Nimbus; £24.50 Econet; £58.50

Disk

German; Modern languages; Secondary education; Sixth form education; Further education; Simulation

A simulation of conversations with 6 native German speakers, in which the student practises asking personal questions. 50 pieces of information can be obtained from each speaker. Option for teacher to enter own answers.

Only specify 80t if you cannot use 40t disks
12+

Stella

See: Basic package

Stella for business : version 2.10

London: Go-Mark Ltd.

198-

Apple Macintosh; £140.00 (upgrade from version 2.0 - £20.00; upgrade free with orders for StellaStack)

Disk

Statistics; Computer graphics; Simulation

A powerful modelling program allowing users to simulate a system with constantly changing parameters. Relationships are mapped out by selecting and looping up four kinds of icons, while the package automatically generates many of the equations needed to simulate the system of relationships. Results are displayed either numerically, as scatter plots or as animations. Facilities include ability to lag a variable by exactly "n" periods. No copy protection.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

StellaStack

London: Go-Mark Ltd.

198-

Apple Macintosh; £99.00

Disk

Utilities

Allows interfacing to Stella models in real time from within HyperCard, using HyperCard's button, field and card functionality to create hierarchical facades to lay on top of Stella models. Provides complete run-time control over Stella models; allows creation of customised animations; performs automatic sensitivity analysis, optimisation and comparative plotting, as well as tracking user inputs.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Stepper motor controller

Llandudno: Micro Help

198-

BBC B; BBC B+; BBC Master; £16.95 (ROM)
BBC B; BBC B+; BBC Master; £9.95 (ROM image on disk)

ROM image on disk, or ROM; handbook

Craft, design, technology; Design; Utilities

A utility providing 20 commands enabling user to "talk" to two stepper motors and a relay in BASIC via the user port. Discounts offered on quantity orders.

Sideways ROM chip or ROM image on disk for loading into sideways RAM. Requires interface supporting 8 data lines and CB2

Steps

See: Basic package

Stevenage 81

Hatfield: Advisory Unit

198-

Quest curriculum packs

BBC B; £25.00

Disk; worksheets; maps; booklet

Information handling; Databases; Primary education; Secondary education

0 946039 69 0

Covers data from the 1981 Census for Stevenage New Town in Hertfordshire, with information on population, birthplaces, employment, housing and car ownership. Bulk order discounts available.

Please specify machine version required.

7+

Stig of the Dump

Anderson, Marshal; Leedham, Barbara

Sherston: Sherston Software

1986

BBC B; BBC B+; BBC Master 128; BBC Master Compact; (single pack) £17.50 BBC B; BBC B+; BBC Master 128; BBC Master Compact; (small lab pack) £35.00 BBC B; BBC B+; BBC Master 128; BBC Master Compact; (large lab pack) £52.50 Acorn Archimedes "enhanced" version £19.00

1 disk; 1 documentation booklet; National curriculum flowcharts

Language; English; Reading skills; Creative writing; Mathematics; Infant school education; Special educational needs; Adventure simulation

This is an illustrated text adventure based on the children's book by Clive King. The children will have to read the book very carefully to be able to help Stig and to carry out tasks. National curriculum pack available @ £4.95

Please state whether 40-t or 80-t disks are required. 3.5" DFS and 5.25" ADFS disks also available

6-12

Stirling 3D physical landscape

Glasgow: CDG (Scotland) Ltd.

198-

3D physical landscapes

BBC B; BBC B+; BBC Master 128; £15.50
Acorn Archimedes; IBM PC; RM Nimbus;
£21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

Geography; Databases; Secondary education

Designed to take advantage of the potential of the Three Dimensional suite. Deals with aspects of land use, relief, roads, rocks, soils and slopes. Structured modular work units accommodate all ability levels integrate computer procedures and assist in the acquisition of knowledge, and understanding, developing enquiry, evaluation and analysis skills, etc. Optional Epson compatible screen dump (BBC/Nimbus only) available £7.50 (BBC); £13.50 (Nimbus). Discounts available for purchase of any two or more datapacks - details from publishers.

Please state format required: BBC 40 or 80t disk; IBM PC (EGA/ECD only)

12-16

Stitching

See : Craftshop 1

Stock

Walton, David

Abingdon: Flexible Software Ltd

1988

RM Nimbus; RML 480Z; £23.00 RM/RML Network; £46.00

1 disk; 1 documentation booklet

Business education; Secondary education; Sixth form education; Further education

Illustrating the principles of stock control, and can be used for stock control applications; holds 500 records; 500 orders, 2000 transactions. Data is updated on a "forms" type screen display; "stock cards" can be produced showing all transactions for each stock item. Bulk discounts; LEA licences available. Additional copy of booklet; £8.00.

RM Nimbus 3.5" disk; RML 480Z 5.25" disk
12-18

Stock control

Glasgow: Scetlander

BBC B; BBC B+; BBC Master 128; £10.00
Acorn Archimedes; £10.00

Disk; Teacher's notes

Business education; Computer studies; Secondary education; Sixth form education; Further education; Simulation; Computer graphics

1855720922 1855720930

Simulation to allow pupils to run a company stock department for up to 120 computer days, with a production target for each day. With emphasis on the importance of setting proper re-order levels, there are financial penalties for running out of stock, but also for storing vast numbers of any item.

BBC 5.25" disk; Acorn Archimedes 3.5" disk
12-18+

Stock control

Bromberg, Mike

London: Pitman Publishing

1987

BBC B; BBC B+; BBC Master; £25.00

1 disk; 1 manual

Economics; Business education; Secondary education; Sixth form education; Further education; Adult education; Simulation

0273026836

The program provides a simple introduction to stock control procedures incorporating three modules. The stock control module has an empty file of 250 items of stock and allows students to create, amend, add or remove stock. The program is suitable for BTEC, Scotvec, RSA, LCC, PEI and similar level courses

11-Adult

Stock control and payrolls

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £19.50 RM Nimbus; £24.50 RM Nimbus network; (up to 16 machines) £45.00; (up to 48 machines) £65.00 BBC Master Compact; £21.70 Econet; £58.50

Disk

Business education; Secondary education; Sixth form education; Further education

Covers password protection, stockfiles, payrolls,

domestic finance, mortgage/HP repayment calculations; balance of monthly savings account; imaginary small business

Only specify 80t if you cannot use 40t disks
14+

Stock exchange

London: Sussex publications; World Microfilms
198-

BBC; £18.95 Econet level 2; £29.95

Disk; manual

Economics; Secondary education; Sixth form education; General Certificate of Secondary Education; A level examinations; Simulation

A teaching simulation, giving students experience of how the Stock Exchange works, as they take on the major roles of buying and selling shares; deciding on investment policy and recording transactions, with the computer acting as a source of information and recalculating prices as deals are made.

13-17

Stock management

Exeter: Minerva Software

198-

DeltaPlus accounts

Acorn Archimedes; £64.95 BBC B; BBC B+; BBC Master 128; Master Compact; £45.95

Disk

Business education; Secondary education; Sixth form education; Further education

Records stock movements; assists with management of stock; reports suggest safety levels, re-order quantities, etc. Prints purchase orders; graphs show movements of products of a period; includes a pareto analysis to indicate the most profitable stock items. Integrates with Order processing/invoicing. Archimedes version utilities extra screen facilities, has greater speed and storage capacity and additional facilities. Site licences available.

Require the use of System Delta commands which are supplied with System DeltaPlus

12-16+

Stock market : an economics game

Leech, Peter; Hurd, Stephen; Watson, Deryn; et. al

Harlow: Longman Micro Software

1986 (BBC)

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; Acorn Archimedes; £19.50 Econet levels 2 & 3; SJ file server; AMCOM E-net; RM Nimbus/Network; £30.00

1 disk; 1 teachers' guide; students' leaflets

Economics; Sociology; Business education; Secondary education; Simulation; Computer games

0582272254

Students adopt roles as economic analysts, assessing how economic changes affect the share values of companies. Results are transferred to printer, enabling a game to be reviewed later

BBC 40t, 5.25" DFS; BBC 80t, 5.25"; Archimedes 3.5"; Nimbus/Network 3.5" disk

14-16

Stock pack

East Anglia Resource Organisation

Peterborough: Topologika/ EARO

1988

Acorn Archimedes; Amstrad; BBC B; BBC Master 128; BBC Master Compact; IBM PC; RM Nimbus; £29.95 Network versions; details from publishers

Disk; documentation booklet; reference manual; starter guide

Computer studies; Information handling; Business education; Secondary education; Sixth form education; Further education; Spreadsheets

An effective aid for teaching computerised invoicing; stock control and accounts; creates files for up to 450 products; accounts for up to 250 customers; prints invoices; keeps track of stock; monitors debtors.

BBC DFS versions can be configured to run with single or double-sided 40 or 80 track drives and Epson compatible printers

14-Adult

Stockit

Elder, Ray

Street: Selective Software

198-

BBC B; BBC B+; BBC Master 128; £29.50 BBC Master Compact; £31.50

Disk

Computer studies; Business education; Secondary education; General Certificate of Secondary Education

Written to the specification outlined in the SEG GCSE computer studies syllabus; programs are a model of the applications topic, and provide practical experience of such a system. Could be used for running the school tuck shop, or a small business.

BBC B 5.25" 40 or 80t disk; BBC Master Compact 3.5" disk

15+

Stop press

Adlington, Macclesfield: Database Software

198-

Amstrad CPC; Amstrad PCW; £49.95 Commodore 64; £39.95 Amstrad CPC (with mouse); £79.95 Amstrad PCW (with mouse); £89.95 Commodore 64 (with mouse); £69.95

Disk; fonts; clip art; manual

Desktop publishing

For the professional design of newsletters, posters and leaflets. Allows text to be entered from within the program or imported from word processor, laid out and formatted according to user wishes. Graphics can be created using the tools included or imported from scanning and digitising packages. Includes zoom facility. Supports any Epson-compatible dot matrix printer

Stop them

Dary, J.; Roman, C.

Gravesend: Fernleaf Educational Software Ltd
1985

BBC B (disk); £11.26 BBC B (cassette); £8.65

Disk or cassette

Language; Primary education; Secondary education; Puzzles; Problem solving; Computer games

Contained in Strategy games. For small groups of children. Coloured blocks are placed on a grid so as to make an opponent put two of the same

colour alongside each other. Many different arrangements, each calling for a different strategy.

8-13

Stop them

See: Think it out

Stopress

Hatfield: Advisory Unit

1987

BBC B; BBC B+; BBC Master 128; BBC Master Compact; Econet; Nimbus; Archimedes; £30.00

2 disks; user help cards

Creative writing; Computer graphics; Primary education; Secondary education; Viewdata; Information handling

0 946039 60 7 BBC 0 946039 93 3 Nimbus 0 946039 99 2 Archimedes

Allows user to create and link screens of information and graphics similar to Ceefax, Oracle, and Prestel. As well as being simple to use for very young children and beginners, the package includes a number of advanced features. Can be used to display school/community information, combining picture and text in full colour. Supports Epson monochrome and Integrex colour printers. Bulk order discounts available.

7+

Stopress comms

Hatfield: Advisory Unit

1989

BBC B; BBC B+; BBC Master 128; BBC Master Compact; Econet; details from publisher

Disk; booklet

Utilities; Creative writing; Computer graphics; Primary education; Secondary education; Viewdata; Information handling

1 85606 003 9

A communications and terminal emulator to enhance Stopress. Bulk order discounts available.

7+

Storing information

See: Information technology project : a complex modular course in IT : teaching pack 1

SToRM

Delmonte, Ellis

London: Aurora Educational Software
1998

RM Nimbus 512k: £12.00

Disk; manual

Utilities

A utility for transferring ATARI ST pictures to RM Nimbus formats; allows Atari Neochrome or Degas pictures to be converted into Paintshop or an Open format, and any of the format picture types to be converted to tiles for use in Concentration

Requires colour display

Story

Straker, Anita; MEP

Houghton-on-the-Hill, Leicester: MUSE
(Microcomputer Users in Education)

1983

BBC B; RM Nimbus; £2.50

Disk

English; Language; Creative writing

Interactive program for development of story lines.

Story program

Birmingham: Daco Software

198-

BBC B; BBC B+; BBC Master; £14.95 A3000 version now available; £17.95

Disk

English; English (second language); Creative writing; Special educational needs; Primary education; Secondary education

Pupil chooses words from displayed selection and moves them around to make a story or passage on screen or for printing out. Pupil may change displayed word or phrase and may re-start passage at any point. Includes program Editor for modifying vocabulary to include words relevant to other work.

5+

Story starts

Hosler, S.

Sherston: Sherston Software

1986

BBC B; BBC B+; BBC Master 128; BBC Master Compact; Acorn Archimedes; Acorn A3000; (single pack) £20.00 BBC B; BBC B+; BBC Master 128; BBC Master Compact; Acorn Archimedes; Acorn A3000; (small lab pack) £40.00 BBC B; BBC B+; BBC Master 128; BBC Master Compact; Acorn Archimedes; Acorn A3000; (large lab pack) £60.00 BBC Econet; £44.00

2 disks; 1 documentation booklet; 12 work cards

Language; English; Creative writing; Primary education; Adventure simulation; Reading skills

A set of four mini adventures to stimulate creative work. Each takes 20 minutes and ends with a series of open ended questions to encourage children to finish the story in many different ways

3.5" DFS and 5.25" ADFS disks also available

8-11

Storyboard

Jones, Christopher

London: Wida Software Ltd

198-

BBC B; BBC B+; BBC Master; £32.50 each version MS DOS; £60.00 each version BBC Econet Level 2/3; £65.00 each version Apple; £27.50 each version

Disks

English; Modern Languages; French; German; Spanish; Italian; Dutch; Primary education; Secondary education; Authoring aids

Text reconstruction program - teachers enter 18 line texts as 'skeleton'. Students use memory, grammar and logic to rebuild the entire text, guessing whole words, prefixes or suffixes and asking for help. Available in English; French; German versions for Apple; English; French; German and Spanish for BBC; and English; French; German; Spanish; Italian and Dutch for MS DOS.

BBC 40t/80t programs convertible by user for

Master Compact. MS DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1MB memory & IBMulator. Apple II+, IIe, IIc and IIgs, under DOS 3.3. Programs convertible to PRODOS by user.

8-15

Storyboard : da parola a parola

Jones, Christopher

London: Wida Software Ltd

198-

Storyboard

MS DOS; £60.00

Disk

Modern Languages; Italian; Primary education; Secondary education; Authoring aids

Text reconstruction program - teachers enter 18 line texts as 'skeleton'. Students use memory, grammar and logic to rebuild the entire text, guessing whole words, prefixes or suffixes and asking for help. Available also in English; French; German; Spanish and Dutch versions.

MS DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1MB memory & IBMulator.

8-15

Storyboard : English version

Jones, Christopher

London: Wida Software Ltd

198-

Storyboard

BBC B; BBC B+; BBC Master; £32.50 MS DOS; £60.00 BBC Econet Level 2/3; £65.00 Apple; £27.50

Disks

English; Primary education; Secondary education; Authoring aids

Text reconstruction program - teachers enter 18 line texts as 'skeleton'. Students use memory, grammar and logic to rebuild the entire text, guessing whole words, prefixes or suffixes and asking for help. Available also in French; German; Spanish; Italian and Dutch versions.

BBC 40t/80t programs convertible by user for Master Compact. MS DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1MB memory & IBMulator. Apple II+, IIe, IIc and IIgs, under DOS 3.3. Programs convertible to PRODOS by user.

8-15

Storyboard : mot pour mot

Jones, Christopher

London: Wida Software Ltd

198-

Storyboard

BBC B; BBC B+; BBC Master; £32.50 MS DOS; £60.00 BBC Econet Level 2/3; £65.00 Apple; £27.50

Disk

Modern Languages; French; Primary education; Secondary education; Authoring aids

Text reconstruction program - teachers enter 18 line texts as 'skeleton'. Students use memory, grammar and logic to rebuild the entire text, guessing whole words, prefixes or suffixes and

Educational Software STO - STO

asking for help. Available also in English; German; Spanish; Italian; and Dutch versions.

BBC 40t/80t; programs convertible by user for Master Compact. MS DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1MB memory & IBMulator. Apple II+, IIe, IIc and IIgs, under DOS 3.3. Programs convertible to PRODOS by user.

8-15

Storyboard : que pone?

Jones, Christopher

London: Wida Software Ltd

198-

Storyboard

BBC B; BBC B+; BBC Master; £32.50 MS DOS; £60.00 BBC Econet Level 2/3; £65.00

Disk

Modern Languages; Spanish; Primary education; Secondary education; Authoring aids

Text reconstruction program - teachers enter 18 line texts as 'skeleton'. Students use memory, grammar and logic to rebuild the entire text, guessing whole words, prefixes or suffixes and asking for help. Available also in English; French; German; Italian and Dutch versions.

BBC 40t/80t; programs convertible by user for Master Compact. MS DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1MB memory & IBMulator.

8-15

Storyboard : tekstcreatief

Jones, Christopher

London: Wida Software Ltd

198-

Storyboard

MS DOS; £60.00

Disk

Modern Languages; Dutch; Primary education; Secondary education; Authoring aids

Text reconstruction program - teachers enter 18 line texts as 'skeleton'. Students use memory, grammar and logic to rebuild the entire text, guessing whole words, prefixes or suffixes and asking for help. Available also in English; French; German; Spanish; and Italian versions.

MS DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1MB memory & IBMulator.

8-15

Storyboard : textbaumeister

Jones, Christopher

London: Wida Software Ltd

198-

Storyboard

BBC B; BBC B+; BBC Master; £32.50 MS DOS; £60.00 BBC Econet Level 2/3; £65.00 Apple; £27.50

Disks

Modern Languages; German; Primary education; Secondary education; Authoring aids

Text reconstruction program - teachers enter 18 line texts as 'skeleton'. Students use memory, grammar and logic to rebuild the entire text, guessing whole words, prefixes or suffixes and

asking for help. Available also in English; French; Spanish; Italian and Dutch versions.

BBC 40t/80t; programs convertible by user for Master Compact. MS DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1Mb memory & IBMulator. Apple II+, IIe, IIC and IIGs, under DOS 3.3. Programs convertible to PRODOS by user.

8-15

Storyboard and Star concept keyboard software : set 1

Boyes, Rod

Bradford: Brilliant Computing

1986

BBC B; BBC B+; BBC Master; £40.00

40; Disk; 2 overlays; manual

Reading skills; Language; Preschool education; Infant school education; Special educational needs; Computer graphics

Contents : farm, zoo, shopping and town centre. 2 overlays show 4 scenes, each with a 'Graphics' program and a 'Written stories' program of 8 stories for each scene. Includes 'Storywriter' program to enable user to create and store own written stories.

BBC 5.25" disk. If using Concept keyboard, please state whether A3 or A4 size. If using BBC Master, can have speech with graphics.

3+

Storyboard and Star concept keyboard software : set 2

Boyes, Rod

Bradford: Brilliant Computing

1988

BBC B; BBC B+; BBC Master; £40.00

Disk; 2 overlays; manual

Reading skills; Language; Preschool education; Infant school education; Special educational needs; Computer graphics

Contents : house, garden, street and classroom. 2 overlays show 4 scenes, each with a 'Graphics' program and a 'Written stories' program of 8 stories for each scene. Includes 'Written stories' program to enable user to create and store own written stories.

BBC 5.25" disk. If using Concept keyboard, please state whether A3 or A4 size. If using BBC Master, can have speech with graphics.

3+

Storyboard plus

Harrison, Andrew

London: Wida Software Ltd

1989

BBC B; BBC B+; BBC Master; Apple; £20.00 MS DOS; £38.00 BBC Econet Level 2/3; £40.00

Disk; audio cassette

Language; Primary education; Secondary education

Students listen to 18 stories in a loose, realistic English narrative style and then reconstruct them more formally on screen using the Storyboard technique. MS DOS version allows use of Gapmaster.

BBC 40/80t; programs convertible by user for Master Compact. MS DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or

higher; Nimbus PC with 1MB memory & IBMulator. Apple II+, IIe, IIC and IIGs, under DOS 3.3. Programs convertible to PRODOS by user.

8-15

Storybook generator

Scottish Council for Spastics

Glasgow: Scotclander

BBC Master 128; £17.50

Disk; Documentation

English; Cross curriculum; Special educational needs; Computer graphics

1855720744

A storybook generator for use by the physically disabled and those with learning difficulties, which allows the composition of a story, complete with graphics, accompanied by a synchronised audio-narrative on cassette. Controlled by a variety of single switches, the keyboard or a Marconi/Atari trackerball. Although it requires unusually high level of input from an able-bodied person it gives exceptionally rewarding results.

BBC Master 5.25" disk (80t DS and Dual Drive)

Storyline

See: Games, activities and investigations volume 2

Storyline

See: Language work in the classroom

Storywriter

Duffey, Jill; Pritchard, J.

Wisbech: esm

1984

Primary language software box

BBC B; BBC B+; BBC Master 128; BBC Master Compact; RM Nimbus; £16.95

Disk

Creative writing; English; Language; Reading skills; Primary education; Secondary education

Encourages children to use their imagination, language and writing skills to create branching stories. Encourages group work, decision making, logical thinking. Includes 2 sample boxes. Contained in Primary language software box.

BBC 5.25" disk; Compact, RM Nimbus 3.5" disk 7-13

Strategies for life

Lumsden, Keith; Scott, Alex; Esmee Fairbairn Research Centre

Harlow: Longman Micro Software

198-

IBM PC and compatibles; RM Nimbus/Network; £45.00

Disk

Economics; Business education; Life skills; Sociology; Secondary education; Sixth form education; Further education; Simulation

A realistic computer simulation of life, in which students experience those decisions they will have to make in real life, e.g. use of money, leisure time, savings, and encounter institutions such as banks, insurance companies, building societies, inland revenue, stock exchange, etc.

IBM 5.25" disk; Nimbus/Network 3.5" disk 14-18

Strategy

See: Problems and investigations in the primary school using the microcomputer as a resource : pack 1

Strategy games : programs 1-4

Dary, J.; Roman, C.

Gravesend: Fernleaf Educational Software Ltd 1985

BBC B (disk or cassette); £31.26

Disk or cassette

Language; Primary education; Secondary education Puzzles; Problem solving; Computer games

Contents: Stop them; Colour path; Collect and drop; Auction. For small groups of children. Four programs designed as interactive group decision games, involving planning, strategy and thinking skills. Programs available individually.

8-13

Street wise

Boyes, Rod

Bradford: Brilliant Computing

1987

BBC B; BBC B+; BBC Master; £15.00

40/80; Disk; manual

Life skills; Infant school education; Primary education; Special educational needs; Computer games

Covers 24 pictures of common signs - including traffic signs relating to pedestrians, toilets, fire exit, pelican crossing and various British Rail signs. Includes a slide show (teacher chooses signs to be displayed) and 4 matching games to test user's ability to match signs and their written meanings. Provides strong animated rewards.

BBC 5.25" disk. Works with space bar; simple switch (e.g. block switch) and interface box; Microvitec 501 touch screen; joystick; any other simple switch

6+

Stretch

Barnstable: 4Mation Educational Resources 1989

BBC B; BBC B+; BBC Master 128; BBC Master Compact; £26.00

Disk(s); documentation; manual

Art; Design; Special educational needs

For the design and printing of posters, titles, signs, heading and banners. Features include 16 character fonts; 2 sets of symbols and pictures; facility to stretch, rotate or reflect characters which may be placed anywhere; scrolling WYSIWYG for easy editing; block editing feature, etc.

ADFS 3.5" disk; DFS 40t; DFS 80t disk. Makes full use of extra memory provided with Acorn Sideaway RAM. Supports intex and Canon colour ink jets; Star/Epson colour ribbons and Star/Epson 9 and 24 pin mono printers

7-Adult

Striker

See: Joystick games 2

String

See: Basic package

Strong man

See: Circus

Struct

See: Industrial chemistry and other 16+ topics

Structure

Snell, D.

Houghton-on-the-Hill, Leicester: MUSE
(Microcomputer Users in Education)

1984

BBC B; £5.00

Disk

Chemistry; Sciences; Secondary education

Tests understanding of systematic nomenclature in organic chemistry. 5 difficult levels, help at lower levels.

Structure and bonding

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £19.50 RM Nimbus; IBM PC and compatibles; £24.50 RM Nimbus network; (up to 16 machines) £45.00; (up to 48 machines) £65.00 BBC Master Compact; £21.70 Econet; £%8.50

Disk

Chemistry; Secondary education; General Certificate of Secondary Education

Contents: Atomic structure and bonding (atomic structure, electronic configuration and bonding from a random selection of the first 20 elements in the periodic table); Ionic and covalent bonding (using 2 of the first 20 elements); Reactivity series (tests properties of most important GCSE metals); Electrolysis (illustrates electrolysis of a range of ionic substances, showing predictability of behaviour on basis of the reactivity series).

Only specify 80t if you cannot use 40t disks.

13-16

Structure, nomenclature and isomerism of organic compounds

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £25.00

Disk

Chemistry; Secondary education; Sixth form education; Further education; General Certificate of Secondary Education; A Level Examinations

Introduces the classification, structure, nomenclature and isomerism of organic compounds, with each section developing from and complementing the previous. Covers introduction to classification/isomerism; saturated/unsaturated hydrocarbons; halogen compounds; hydroxy, epoxy and ether compounds; carbonyl compounds; carboxylic acids; nitrogen and sulphur compounds; polymers; general multiple choice test on IUPAC nomenclature from a data base of 340.

Only specify 80t if you cannot use 40t disks.

14-18

Structures

See: Technology and design : part 1

Structures of solids

See: Physical chemistry

STSpellB

Fisher-Marriott

Houghton-on-the-Hill, Leicester: MUSE
(Microcomputer Users in Education)

1983

BBC B; £7.00

Disk

English; Language; Spelling; Primary education

Enhanced version of Starspell. Additional facilities include entering, loading or saving user's own word list.

Stuart England

Dyer, A.D.

Bangor: Akadimias

198-

Tutor series: British and European history

BBC B; BBC Master 128; Econet levels 2 & 3; Acorn; RM Nimbus PC 186; RM Nimbus AX series; Nimbus network; Amstrad 6128 & PCW; IBM PC compatible; £25.00 (includes site licence for up to 10 terminals)

Disk; study booklet; reading list

History; Secondary education; Sixth form education; Further education; A level examinations

A program to test student knowledge with questions in a multiple choice format, in either a random or sequential order, and with various user selectable time-bases against which the test may be taken. Facilities for revision; sequential, random test modes; with four time based skill levels in each test mode. Topics are: England in 1603; James I, 1603-18; Buckingham, 1618-28; the approach of war, 1629-42; the Civil War, 1642-49; the interregnum, 1649-60; Charles II, 1660-85; James and revolution, 1685-90; William and war, 1690-1700; Anne and war, 1702-1714. Discounts available: details from publisher

BBC 40 or 80t disk (please specify). Acorn DFS & ADFS; RM Nimbus 3.5" disk; Amstrad disk; IBM PC 5.25" or 3.5" disk (please specify).

16+

Student profile

Chepstow: AVP Computing

BBC B; BBC B+; BBC Master 128; £24.50

Disk

Schools, administration; Recordkeeping

A program for the processing of continuous assessment marks in the form of Student Profiles. It allows complete control over the marks (heading, number, highest possible mark, calculation of final mark, etc.), and over the format of Profiles as they are printed out. Also incorporates a progress factor for optimising the calculation of continuous assessment marks

Studio 8

St. Albans: Beebugsoft Ltd

198-

BBC B; BBC Master 128; Master Compact; £22.00 (£16.50 members' discount price)

Disk

Music; Secondary education; Sixth form education; Further education

A program converting the BBC micro into a 4-voice synthesizer with an 8-track digital recorder, rhythm and drum machine. Features include choice of 32 instruments; envelope and instrument definers; full screen music editor with printout option.

3.5" Master Compact disk

12-16+

Study skills

London: Sussex Publications Ltd; World Microfilms

198-

English revision on microcomputer

BBC B; BBC B+; £18.95 Econet level 2; £29.95

Disk; manual

English; English literature; Cross curriculum; Secondary education; General Certificate of Secondary Education

A practical revision aid, with introductory material, questions and information which can be used by groups or individuals. Program covers organising time; information retrieval and research; note-taking; reading; essay writing. Available in set: English revision on microcomputer.

BBC 40t or 80t disk

11+

Style

Glasgow: SCET (Scottish Council for Educational Technology)

1990

BBC B; BBC B+; BBC Master; £

Disk

Word processing

Style is a WYSIWYG 80 column word processor, the screen displays the same layout as the printed document as well as the correct text styles (bold, italic or underlined) and foreign characters. Style provides acute, circumflex and grave accents, umlaut, tilde and cedilla. Each may be applied to any alphabetic character, lower and upper case. Pull down menu. Can be printed on a local or network printer. Mail merge facilities

Stylus

See: MAPE tape 6

Subgame

See: Micros in the mathematics classroom : 2nd ed

Subject free programs : twin packGravesend: Fernleaf Educational Software Ltd
198-

BBC B; BBC B+; BBC Master 128; BBC Master Compact; £29.95

Disk; documentation

Puzzles; Problem solving; Cross curriculum; Computer games; Primary education; Secondary education

Contents: Think it out; Think ahead.

Please state make/model of computer; network system; disk size and printer

7-12+

Subtract

See: Fun with numbers

Subtract : disk 1

Northampton: Nordis Software

1988

Subtract

BBC B; BBC B+; BBC Master; Master Compact; £11.00 RM Nimbus; £12.90 (Qwerty keyboard version)

Disk; user manual

Mathematics; Computer graphics; Special educational needs; Computer games

Covers counting and the removal of objects; simple subtraction. Includes progress monitor. Available in Educational software for overcoming learning disability packs

40/80t disk; Keyboard operated

Subtract : disk 2

Northampton: Nordis Software

1988

Subtract

BBC B; BBC B+; BBC Master; Master Compact; £11.00 RM Nimbus; £12.90 (Qwerty keyboard version)

Disk; user manual

Mathematics; Computer graphics; Special educational needs; Computer games

Introduces "0"; covers mental arithmetic and mixture of simple addition and subtraction sums. Includes progress monitor. Available in educational software for overcoming learning disability packs

40/80t disk; Keyboard operated

Subtracting

See Adding and subtracting/pathfinder

Subtraction : hundreds tens and unitsHuntingdon: Cambridgeshire Software House
1989

BBC B; BBC B+; BBC Master 128; BBC Master Compact; £11.00 Site licence; £20.00

1 disk; containing program and notes

Mathematics; Primary education; Special educational needs

This program deals with the concepts involved in the subtraction of hundreds, tens, and units by decomposition. The calculations are performed stage by stage and illustrated in a consistent way

8+

Suburban fox

Benson, Barbara (adapted from the Dutch of Brewer, Francis)

Aylesbury: Ginn & Co Ltd

1978

Ginn Mathematics

BBC B; BBC B+; BBC Master; RML 480Z; £37.00

1 disk; 1 pack of resources

Biology; Environmental education; Geography; Cross curriculum; Adventure simulation;

0602251265 (BBC disks and resources);
0602251281 (RML disk and resources)

The program places children in the role of a fox who needs to use his skills and senses to survive the hazards of a modern city.

9+

Sucker : a business game

Cooke, Ralph P.; Hurd, Stephen; Watson, Deryn; et.al

Harlow: Longman Micro Software

1986

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; Acorn Archimedes; £19.50 Econet levels 2 & 3; SJ file server; AMCOM E-net; £30.00

1 disk; 1 teachers' guide; students' leaflets

Economics; Sociology; Business education; Simulation; Secondary education

0582272238

A simulation, running of a company making vacuum cleaners, taking decisions on price/output, to ensure profitability

BBC 40t, 5.25" DFS; BBC 80t, 5.25";
Archimedes 3.5" disk

14-16

Suffixes

See: Fun with words

Sumfun

Ashton-under-Lyne: Granada Educational Software

1989

BBC; RML 480Z; RML 380Z; £9.00

Disk; handbook

Mathematics; Primary education; Computer games

Aims to develop speed and accuracy of skills in addition, subtraction, multiplication, division, through a board game for two. Different levels of difficulty.

Disk (5 1/4")

7-11

Summary and comprehension covered

London: Sussex Publications Ltd; World Microfilms

198-

English revision on microcomputer

BBC B; BBC B+; £18.95 Econet level 2; £29.95

Disk; manual

English; English literature; Language; Secondary education; General Certificate of Secondary Education

A practical revision aid, with introductory material, questions and information which can be used by groups or individuals. Includes many examples showing skills of summary and comprehension. Available in set: English revision on microcomputer

BBC 40t or 80t disk

11+

Summer holidays

Glasgow: Collins Educational

198-

Microspecial

BBC B; BBC B+; £20.00

Disk; documentation; teacher notes

Cross curriculum; Life skills; Puzzles; Problem solving; Special educational needs; Secondary education

A friendly, flexible program using a problem solving, structured approach, allowing teachers to design an individualised program, controlling difficulty level and altering data to suit requirements of pupils. Includes monitoring and assessment facility. Suitable for either individual or group use. Contained in Microspecial pack. Documentation available separately. Bulk purchases and site licences available - details from publishers.

11-15

Summit

Rylatt, P.

Ashton-under-Lyne: Granada Educational Software

1989

BBC; RML 480Z; RML 380Z; £9.50

Disk

Mathematics; Primary education

Designed to test and improve mental arithmetic skills. Five different levels of difficulty.

Disk (5 1/4")

7-11

Summit

See: Introducing geography

Sums

See: Project programs : third stage

Sun spots

ITEM (Information Technology Educational Materials)

London: ITEM

1988

RM Nimbus network; £20.00

2 disks; 1 activity pack

Communication; Business education; Travel & Tourism; Information handling; Secondary education; Sixth form education; Further education

0708599184

An activity based on the production of a holiday brochure using the DTP package, NewSPAper. It comes with its own graphics library and GRASS and QUEST datafiles

RM Nimbus PC - 186, AX and VX stations used in Nimbus mode

16+

Sunday driver

See : Touch games 2

Sunflower

See: Teaching with a micro : maths 2

Supastat : full suite; schools suite

Leamington Spa: SPA (Software Production Associates)

198-

BBC B; BBC B+; BBC Master; RML 380Z; RML 480Z; 31.00 (schools suite); £69.00 (full suite) RML 480Z Network; £89.00 (schools suite); £185.00 (full suite) IBM; RM Nimbus; £33.00 (schools suite); £72.00 (full suite) IBM Site; RM Nimbus Network; £93.00 (schools suite); £195.00 (full suite)

Statistics; Mathematics; Secondary education; Sixth form education; Further education; Data processing

A comprehensive data analysis suite of programs. Full suite gives an extensive set of tests suitable for professional use; Schools suite is a subset providing sufficient statistical power for use up to and including A level Statistics.

11-18+

Supastore

Milne, Jim

Wisbech, Cambridgeshire: esm

1986

BBC B; BBC B+; BBC Master 128; BBC Master Compact; Acorn Archimedes; £45.00

Disk; user guide; keycard

Cross curriculum; Utilities; Databases; Schools; Administration; Recordkeeping

An educational database which is quick and accurate in dealing with information files, school administration, library and resource management and pupil records. Simple for young children to use; sufficiently powerful for GCSE/university needs.

BBC 5.25" disk; Master Compact, Acorn Archimedes 3.5" disk. BBC version includes 16k rom, 2 floppy disks (sample database, utility disk). Compact and Archimedes versions include utilities and sample databases on 1 3.5" disk.

8+

SupaStore

Backwell, Bristol: Arrowsoft Educational Software

198-

BBC B; BBC B+; BBC Master; Master Compact; Acorn Archimedes; £45.00

Disk

Databases; Information handling; Schools; Educational administration; Library administration; Schools; Recordkeeping; Cross curriculum; General Certificate of Secondary Education

An easy to use database for creating, storing and sorting information, with each record up to 7 pages long, 500 words, 250 fields, and with up to 250 characters in each field.

Works on network in single user mode. Master Compact and Archimedes 305 and 310 versions; floppy disks, 40/80t or hard disk.

7+

Supastore plus

Wisbech, Cambridgeshire: esm

198-

BBC B; BBC B+; BBC Master 128; BBC Master Compact; Acorn Archimedes; £60.00

Disk

Cross curriculum; Utilities; Databases; Schools; Administration; Recordkeeping

All the features of Supastore - quick, accurate information handling, school administration, library and resource management and pupil records. Simple for young children to use; sufficiently powerful for GCSE/university

needs. Also allows old database system to be modernised by using files from Quest or Viewstore and editing or adding to these. Can merge Superstore files with any main word processor, e.g. Wordwise, View, Edword.

BBC 5.25" disk; Master Compact, Acorn Archimedes 3.5" disk. BBC version includes 16k rom, 2 floppy disks (sample database, utility disk). Compact and Archimedes versions include utilities and sample databases on 1 3.5" disk. Databases can be upgraded from DFS to ADFS if hardware is upgraded.

8+

SupaStore plus

Backwell, Bristol: Arrowsoft Educational Software

198-

BBC B; BBC B+; BBC Master; Master Compact; Acorn Archimedes; £60.00

BBC; 16K rom; 2 floppy disks; user guide; keycard Compact; Archimedes; 3.5" disk; user guide; keycard

Databases; Information handling; Schools; Educational administration; Library administration; Schools; Recordkeeping; Cross curriculum; General Certificate of Secondary Education

All the features of SupaStore plus facility for modernising old database system by using files from Quest, Grass or Viewstore; efficient speedier editing facilities; ideal for personalised letters and detailed reports by merging SupaStore files with any main word processors; calculating facility. Databases can be upgraded from DFS to ADFS if hardware is upgraded.

Works on network in single user mode. Master Compact and Archimedes 305 and 310 versions; floppy disks, 40/80t or hard disk. BBC ROM

7+

Super seed

Morris, Steve

Cambridge: Cambridge Micro Software

198-

BBC B+; BBC Master; £17.50

1 disk (40/80t); 1 teacher's handbook

Biology; Problem solving; Primary education; Simulation

0521300029

Simulated scientific experiment to discover optimum growing conditions for food crop plant.

Super value pack : revised economics programs

Harlow: Longman Micro Software

198-

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; £75.00

Disk

Economics; Secondary education; Sixth form education; Further education; Simulation

Contents: Elasticity of demand; Price fluctuations; Agricultural commodity and price; Theory of the firm; The multiplier; Fiscal policy; Gains from trade. Programs available separately.

BBC 40t, 5.25" DFS disk

16-19

Super 3D 2.0

Glasgow: Persona TMC Ltd

198-

Apple Macintosh; £295.00

Disk

Art; Design; Craft, design, technology; Computer assisted design; Computer graphics

A 3D modelling and animation program with colour support; reads numeric data in ASCII text files and converts them into 3D images; converts 2D drawings; Spin wheel feature zooms in/out; moves camera in any direction/spins model around any of the 3 axes. Features enhanced animation capabilities; allows files in PICT, PICK2, PICS or EPSF format to be exported and PICT files created in other programs to be imported. Includes black-and-white program for Macintosh Plus and SE.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

SuperCard

Glasgow: Persona TMC Ltd; Silicon Beach Software

198-

Apple Macintosh; £100.00

Disk

Computer graphics; Utilities; Information handling

A software creation and graphics environment, extending the principles of Apple's HyperCard. Uses tools which allow information to be displayed on screen; text fields and buttons; powerful scripting/programming language compatible with Apple HyperTalk scripting language. Allows any item to be programmed as a button; any object, including graphics and menus, to have a script. Supports 256 colours; includes bit-mapped and object oriented graphics tools. Fully compatible with HyperCard.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Supergraph

Tall, David

Barnet: Glentop Press Ltd

1986

BBC B; BBC B+; BBC Master 128; RM Nimbus; Acorn Archimedes; £28.75

Disk; Documentation booklet

Computer graphics; Mathematics; Sciences; Secondary education; Sixth form education; Further education; Higher education; Adult education

0907792715

A graph drawing facility, ranging from introductory work to sophisticated use at university level. Supports Cartesian, parametric and polar-metric co-ordinates. Functions entered in ordinary mathematical notation. Programs are crash-proofed; division by zero is managed intelligently. Programs include Demonstration Supergraph; Super-Zoom and Superprint. Includes zoom option

11+

Superhead

Willink, Nick

Exeter: Magnolia Soft order via Chalksoft Ltd

1986

BBC B; BBC B+; BBC Master 128; £17.00

Disk 40t/80t; manual

Simulation; Schools; organisation

The program is designed for teachers who are interested in examining the role of the headteacher. It aims to promote thinking, discussion and decision making on curriculum planning and resource allocation in primary schools

Please state whether 40-track or 80-track disks are required.

Adult

Superior collection : volume 1

Cambridge: Acornsoft

BBC B; B+; 128K B+; Master 128; Master Compact (40/80t); £11.95 BBC B; B+; 128K B+; Master 128; Master Compact (3.5"); £14.95

Disk; booklet

Puzzles; Problem solving; Computer games; Primary education

Contents: Synchron (user completes 16 hair raising missions in spacecraft, to collect power orbs, while avoiding hazards and enemy attacks); Repton (user solves a series of puzzles while attempting to collect diamonds); Star striker (user in command of 3-stage rocket defends himself against aliens and avoids asteroids, then attempts to dock the separate stages of the rocket); Airlift (user rescues hostages from bombed house); BMX on the moon (user controls a moon cycle, avoiding rocks, flying barrels and monsters and shooting down enemy spaceships); Wallaby (user guides the boxing wallaby to rescue a baby wallaby, avoiding monkeys and their apple cores); Smash and grab (user, as a robber, has to collect bags of gold falling from the smashed bank window, while avoiding the policeman); Karate combat (the user is paired against 16 of the mightiest most skillful karate experts).

40/80t disk; 3.5" disk

5+

Superior collection : volume 2

Cambridge: Acornsoft

BBC B; B+; 128K B+; Master 128; Master Compact (40/80t); £11.95 BBC B; B+; 128K B+; Master 128; Master Compact (3.5"); £14.95

Disk; booklet

Puzzles; Problem solving; Computer games; Primary education

Contents: Kit (a strategic game, in which the user tries to take control of each of 20 quadrants, which are guarded by tracers); Repton 2 (user has to collect 4744 earth sections, 1634 diamonds, kill 18 monsters, use 64 transports, and collect 42 jigsaw puzzle pieces); Deathstar (user avoids the deathstar by releasing starbombs, shooting warriors and the workers who make the deathstar); Space pilot (involves biplanes; spitfires; helicopters; jet aircraft and UFOs); Missile strike (classic defence of 6 neighbouring cities from central laser base); Battle tank (user as tank gunner has to shoot enemy tanks); Crazy painter (the user tries to paint round all the squares avoiding pursuing tribesmen or teddy bears); Overdrive (a race for the world drivers' championship, covering night, snow, desert and riverside driving).

40/80t disk; 3.5" disk

5+

Supermarket

Sheffield: COIC Software

198-

BBC B; BBC B+; BBC Master 128; BBC Master Compact; Acorn Archimedes; RM Nimbus; £17.50 Master ADFS - details from publishers

Disk

Business education; Economics; Careers; Secondary education; Sixth form education; Further education

Helps young people explore the problems of managing a retail store. Requires skill, foresight and a cool head for business to make a profit in six weeks of trading. Various levels of difficulty. Adult learning/training courses. Available as part of multi-program set.

BBC B, B+, Master 128 (40t disks); Master Compact; Archimedes (3.5" disks); Nimbus (3.5" 720k). 40 or 80 track drive and colour monitor essential; parallel printer advisable. 5.25" disk versions run under DFS operating system. Networkable.

14-18+

Supermarket

See: Shops and supermarket

Supermarket stock control

Hennessey, Kathleen; Murphy, Paul

Harlow: Longman Micro Software

198-

The computer applications project

BBC B; BBC B+; BBC Master 128; £19.50

Disk; students book; teacher's guide; student worksheets

Computer studies; Business education; Secondary education; General Certificate of Secondary Education; Simulation

An interactive simulation of a commercial computer application, in which the student becomes a warehouse stock control clerk for a large supermarket chain.

BBC 40t, 5.25" DFS disk

14-16

Superpaint

Glasgow: Persona TMC Ltd

198-

Apple Macintosh; version 1.1; £99.95 Apple Macintosh; version 2; £145.00

Disk

Art; Design; Craft, design, technology; Computer assisted design; Computer graphics

Version 1.1 is a program combining bit-mapped painting; 300 dpi editing (LaserBits); and object-oriented drawing. Features full-screen editing; multiple windows; 3 magnification levels and one reduction level. Can open and save MacPaint, MacDraw and PICT format files. Compatible with MultiFinder; AppleShare and non-PostScript printers. Version 2 is an enhanced version of Superpaint 1.1, with more than 25 new features, including autotrace capability; freehand Bezier drawing tool with full editing capabilities; new airbrush; ability to work in landscape view; colour preview facility before printing.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Supersquare

Ashton-under-Lyne: Granada Educational Software

1989

BBC; RML 480Z; RML 380Z; £9.50

Disk

Language; English; Cross curriculum; Primary education

A list of words, which may be answers to questions, or an exercise in spelling and observation, are fitted into a word-square.

Disk (5 1/4")

5-11

Super-man

St. Albans: Beebugsoft Ltd

198-

Econet; £55.20 (£55.20 members' discount price)

Surf

See: Secondary maths 3

Surface

See : Industrial chemistry and other 16+ topics

Surfaces

See: Videomaths 1

Survey data program

See: Designing software projects

Survival of the fittest

Leamington Spa: SPA (Software Production Associates)

198-

IBM PC; RM Nimbus; £22.00 RM Nimbus Network; IBM PC Site; £55.00

Biology; Secondary education; Sixth form education; Further education; Simulation

Teaches the principles of population genetics. Allows the user to change mutation rate and population size; see chromosomes of each individual; measure any chosen dimension to ascertain morphological changes; produce statistics on, e.g. heterozygosity, body height and length.

IBM machines require Hercules; CGA; EGA or VGA graphics. RM Nimbus requires a mouse.

12-16+

Survive

Glasgow: Collins Educational

198-

Microspecial

BBC B; BBC B+; £20.00

Disk; documentation; teacher notes

Mathematics; Cross curriculum; Life skills; Puzzles; Problem solving; Special educational needs; Secondary education

A friendly, flexible program using a problem solving, structured approach, allowing teachers to design an individualised program, controlling difficulty level and altering data to suit requirements of pupils. Includes monitoring and assessment facility. Suitable for either individual or group use. Contained in Microspecial pack. Documentation available separately. Bulk purchases and site licences available - details from publishers.

11-15

Survive!

Leeds: Arnold-Wheaton Software

198-

BBC B; BBC B+; BBC Master 128; £9.95

1 disk (40/80t); 1 booklet

Personal and social education; Life skills; Primary education; Secondary education; Computer games

This is a game for groups of children who race against time, which can lead to more work on the organization and behaviour of social groups

5-16

Survive!

Crowley, T.

Richmond: Trotman & Co Ltd

198-

BBC B; BBC B+; BBC Master; £6.95

1 disk; 1 booklet

Careers; Sociology; Personal and social education; Secondary education; Further education; Sixth form education

This is a variation of the popular survival exercises which can be played by up to five players using one VDU or monitor. Pupils have to decide which of the several items are essential to their survival at sea

The program will work on a network system

12-Adult

Swap

See: Teaching with a micro : maths 5

Swimmer

See Joystick games 3

Switch

Hinder, Alun; Blackburn, Phil

Hatfield: Advisory Unit

1985

BBC B; BBC B+; BBC Master 128; £10.00

1 disk; 1 booklet; 1 leaflet

Utilities; Special educational needs

0 946039 16 X

Allows the severely physically handicapped to access standard software using switches connected to the analogue port of the BBC Micro. Bulk order discounts available.

5+

Switch games disk 1

Tunbridge Wells: Compaid Trust

198-

BBC B; BBC Master 128; £5.00 BBC Master Compact; £10.00

Disk; manual

Special educational needs; Computer games; Puzzles; Problem solving

Contents: Help! (user guides a policeman escaping from the strawberries); Sqwhere (user captures a bouncing ball in the box); Hoppit (user helps a spider up a series of steps to the top shelf); Alien attack (space invaders); Lunar run; Space base; Jetpack; Claustrophobia; 4-site; Othello (the last five programs are for the BBC Master Compact only).

BBC 80t 5.25" DFS disk (please specify if 40t required). Runs with 2 switches connected to the two fire button inputs at the back of the BBC

Switch games disk 1 (Amstrad CPC)

Tunbridge Wells: Compaid Trust

198-

Amstrad CPC 464; 664; 6128; £10.00

Disk; manual

Special educational needs; Computer games; Puzzles; Problem solving

Contents: Galactic invaders (space invaders); Claustrophobia (user collects objects to aid survival while escaping from an alien maze); Crane crawl (user guides the killer crane to aid escape).

Amstrad 3.0" disk. Runs with 2 switches connected to the 2 fire button inputs of the Amstrad

Switch games disk 2

Tunbridge Wells: Compaid Trust

198-

BBC B; BBC Master 128; £5.00

Disk; manual

Special educational needs; Computer game; Puzzles; Problem solving

Contents: Help (guiding a policeman escaping from strawberries); Lunar run (battle on moon with alien bombers); Space base (defending an outpost in space from invading aliens); Jetpack (with a NASA jet pack and an ACME Mega-zap Anti Beastie blaster, user assembles ship and fills it with treasures before escaping)

BBC 80t 5.25" DFS disk (please specify if 40t required). Runs with 2 switches connected to the two fire button inputs at the back of the BBC B

Switch games disk 2 (Amstrad CPC)

Tunbridge Wells: Compaid Trust

198-

Amstrad CPC 464, 664, 6128; £10.00

Disk; manual

Special educational needs; Computer games; Puzzles; Problem solving

Contents: Othello (a computerised version of the classic board game); Space base (user defends an outpost in space from invading aliens); Patience (can you solve it?)

Amstrad 3.0" disk. Runs with 2 switches connected to the 2 fire button inputs of the Amstrad

Switch games disk 3

Tunbridge Wells: Compaid Trust

198-

BBC B; BBC Master 128; £5.00

Disk; manual

Special educational needs; Computer games; Puzzles; Problem solving

Contents: Claustrophobia (user escapes from an alien maze, collecting objects to aid survival); 4-site (3D noughts & crosses); Othello (computerised version of the classic board game)

BBC 80t 5.25" DFS disk (please specify if 40t required). Runs with 2 switches connected to either the two fire button inputs at the back of the BBC B or Master 128

Switch on

Leeds General Infirmary with Leeds Active Speech Therapy

Bradford: Brilliant Computing

1985

BBC B; BBC B+; BBC Master; £13.35

Disk; manual

Language; Puzzles; Problem solving; Preschool education; Infant school education; Special educational needs; Computer graphics; Computer games

An introduction to using the computer with external switches or the touch screen. Contents: Picture building (builds up a picture, with animation and sound effects, in up to 7 steps); Picture matching (a simple left or right matching task with sound animation). Uses pictures of: face; boy; house; car; ship; train and telephone. Maintains performance record. Encourages vocalisation. Available in kit with First steps, 2 block switches, 1 small pad switch, interface box; £74.00.

BBC 5.25" disk; 40/80t; works with keyboard (2 keys); 1/2 switches (e.g. block switch) and interface box; Microvitec 501 touch screen; joystick, other simple switches

1+

Switch on actions

Boyes, Rod

Bradford: Brilliant Computing

1988

BBC B; BBC B+; BBC Master; £15.00

Disk; Manual

Language; Puzzles; Problem solving; Preschool education; Infant school education; Special educational needs; Computer graphics; Computer games

A new version of Switch on with 8 pictures of people doing things. Contents: Picture building (uses switch/switches to build up a picture of people eating; drinking; sleeping; washing hands; cleaning teeth; sitting; brushing hair; shaving; in up to 7 steps, with animation and sound effects); Picture matching (a simple left or right matching task with sound and animation reward). Maintains performance record. Encourages vocalisation.

BBC 5.25" disk; works with keyboard (2 keys); 1/2 switches (e.g. block switch) and interface box; Microvitec 501 touch screen; joystick, other simple switches.

1+

Switch on to computing kit

Shipley: Bradford Activity Toys

198-

BBC B; BBC B+; BBC Master 128; £98.30

2 wooden switches; 1 on/off joystick; 2 small pad switches; 1 interface box; 1 copy of LGI switch on program; 1 copy of Simple games program; 4 battery adapters; instructions

Physical education; Life skills; Special educational needs

These two programs were designed for severely handicapped people to help teach them to use switches through picture matching or simple games.

4-Adult

Switch on travel

Boyes, Rod

Bradford: Brilliant Computing

1988

BBC B; BBC B+; BBC Master; £15.00

40/80t; Disk; Manual

Language; Puzzles; Problem solving; Preschool education; Infant school education; Special educational needs; Computer graphics; Computer games

Another new version of Switch on, with 7 pictures of vehicles, which are built up and then drive off the screen with sound effects. Vehicles used are bus; airliner; motorbike; police car; fire engine; ambulance; helicopter. Contents: Picture building (builds up a picture, with animation and sound effects, in up to 7 steps); Picture matching (a simple left or right matching task with sound and animation). Encourages vocalisation. Maintains performance record

BBC 5.25" disk; 40/80t; works with keyboard (2 keys); 1/2 switches (e.g. block switch) and interface box; Microvitec 501 touch screen; joystick, other simple switches

1+

Switching logic

See: MIKE : microprocessor tutor and switching logic

Switchword

Scottish Council for Spastics

Glasgow: Scetlander

BBC Master 128; £17.50

Disk; Documentation

Cross curriculum; Special educational needs; Word processing

1855720752

Switch controlled selection system for letters, numbers and punctuation; incorporates features such as justification, stored name and address files and full print-out facilities. Speech synthesiser option allows documents to be read back. Can also be used as a communication aid by the switch user

BBC Master 5.25" disk

Swivel 3D

London: Go-Mark Ltd.

198-

Apple Macintosh; £395.00

Disk

Computer assisted design; Design; Craft, design, technology

A 3D colour drawing and modelling program for animation, publishing and product design work. Includes library of predrawn images such as human forms, alphabets, common shapes, etc. Linking feature allows user to build dynamic models with hinges, joints, or sliding parts; e.g. wheels that rotate; chairs that swivel; drawers that slide. Also includes an incremental animation feature to generate series of transitional object positions between a beginning and an ending position.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Swords of twilight

Langley, Nr. Slough: Electronic Arts Ltd

198-

Amiga; £24.99

Disk

Computer games; Puzzles; Problem solving

Allows up to 3 players to independently control individual heroes or heroines, in a fantasy role-playing game in which a rich storyline is complemented by true character interaction and arcade-style combat.

Sydney

Cambridge: Biosoft

198-

Blanchaer Clinical Case Studies

IBM PC/PS2; Apple Macintosh; Apple II; £530.00 (single simulations) Additional simulations on same order £30.00

Disk; manual

Sciences; Biochemistry; Simulation; Sixth form education; Further education; Adult education

An interactive simulation - Sydney has aspirin poisoning, with acid-base problems and toxic symptoms.

5.25 disk Apple II series 3.3 DOS, 64K RAM minimum; IBM PC (CGA/EGA), 3.5 disk also available.

18+

Symbols, formulae and valency

Studd, John M.

Plymouth: Garland Computing

1985

Understanding chemistry

BBC B; BBC B+; BBC Master 128; £13.85 RM Nimbus; Acorn Archimedes; £16.30 Nimbus network; £33.95 Econet; £31.50

Disk

Chemistry; Secondary education

For use in self-tuition/revision. Program introduces, explains and tests the derivation and importance of symbols in chemistry; how chemicals are named and how they combine to form compounds depending on valency. Site licences, multiple copy discounts available; details from publisher

BBC 40 or 80t (please specify). RM Nimbus versions supplied with BBC- BASIC

13-16

Symmetry patterns

See: Maths with a story 1

Synthesis of aliphatic substances

See : Organic chemistry

Synthesis of ammonia

London: King's College, Chelsea

198-

Apple II, IIc, IIe; Acorn Archimedes (transfers under consideration); BBC B; BBC B+; BBC Master 128; RML 380Z; RML 480Z; RM Nimbus; IBM PC

1 disk; 1 manual

Sciences; Chemistry; Secondary education; Sixth form education; Further education; Simulation

A mathematical model of the Haber process to investigate the factors which influence the production of ammonia. It enables the student to discover how the various conditions influence the reaction

14-19

Synthesiser

See: Sounds useful

Syrnel

Edinburgh: CALL (Communication Aids for Language and Learning) Centre

198-

Apple Macintosh; details from publishers

Disk; manual

Special educational needs

Public domain software

Systat : version 3.2

Stevenage: Statsoft UK

198-

Apple Macintosh; £545.00 (multi-user discounts; details from publishers)

Disk

Statistics; Computer graphics

A comprehensive statistics package, with features including stem-and-leaf plots; multi-dimensional scaling; cluster analysis; time-series analysis; optional casewise or pairwise treatment of missing data in, e.g. correlation coefficient matrices; facility to choose sub-groups of data using BY command. Suitable for experienced statisticians.

Requires 2Mb of RAM on Macintosh II; 1Mb version available on request.

System delta plus v2

Stearn, B.J.; Kline, M.; Fisher, N.A. et al.

Exeter: Minerva Software

1989

Acorn Archimedes; £79.95

Disk; documentation manual

Databases; Secondary education; Sixth form education; Further education; Computer studies; Schools; Recordkeeping Educational administration; Information handling

A relational data management system, which can store data for home, school or office use. Up to 2 billion records; 16 million fields; massive record size; 42 billion subset possibilities.

Operates within Acorn window environment; Features include multi-tasking; search by simple selection from within windows or multiple criteria complex search; multiple user definable formats for print or display; simple record creation; various data entry types; import and export data functions, etc. Site licences available.

RISC OS compatible

12-16+

System delta programmer's reference guide

Exeter: Minerva Software

198-

BBC B; BBC B+; Master 128; Master Compact; £19.95

Disk

Utilities; Computer programming; Secondary education; Sixth form education; Further education

Includes full technical details and example usages of programming from the 150 System delta commands which fully integrate with BBC Basic. A short program to generate a graph or list from information within a database may be

written in as little as 13 program lines. Site licences available.

12-16+

System delta with card index

Exeter: Minerva Software

198-

BBC B; BBC B+; Master 128; Master Compact; £64.95

Disk

Databases; Information handling; Primary education; Secondary education; Sixth form education; Further education

A powerful, simple to use, programmable database management system, allowing up to 8160 records, 255 fields, 200 characters per field and up to 8000 characters per record, and finding any record in 2-3 seconds. Allows multiple criterion searches in any of the eight subsets; numeric fields may be specified from 0 to 6 decimal placing, allowing complex mathematical calculations. Multiple print formats; information may be sorted in multiple fields, ascending or descending order; includes card copier to transfer records between files. Site licences available.

8-16+

System gamma

Exeter: Minerva Software

198-

BBC B; BBC B+; Master 128; Master Compact; £49.95

Disk

Databases; Computer graphics; Information handling; Secondary education; Sixth form education; Further education

A graphics management system including menu driven GammaPlot program. Facilities include multiple charts on screen at same time; pie, scatter, line, histograms, etc.; on-screen editor for text presentation. Data entry via keyboard or any Delta Gamman or Sigma file. Site licences available.

Standard BBC requires a GXR Rom (£6.00).

12-16+

T : Teletel communication software for accessing French videotex services

Lisbona, David

London: Aldoda International Ltd

1986

BBC B; BBC Master; £28.00

ROM disk

Viewdata; French; Communication; Computer graphics

Enables user to connect micro and a modem to Teletel (also called Minitel), the national videotext system in France. Includes a full graphics display and accented characters.

16K ROM; 40/80t with sideways RAM only. Requires MinitelNET subscription (100 units £30.00) and a Packet Switching account (Mercury Communications).

Tabcar

See: Micros in the mathematics classroom : 2nd ed

Table

See : Gas density, pH, periodic table

Table adventures

Burton, Laurie

Wisbech, Cambridgeshire: esm

198-

Best four maths

BBC B; BBC B+; BBC Master 128; £13.75

Disk; activity book, puzzle book, workcards

Mathematics; Puzzles; Problem solving; Primary education; Computer games

Contained in Best four maths. Four games to reinforce multiplication and factorisation, covering prime numbers and common factors of numbers 1-100. The games become progressively harder to encourage self-improvement.

BBC 5.25" disk

5-11

Table test 1

Rees, John

Cardiff: Drake Educational Associates

198-

Table testing

BBC B; BBC B+; BBC Master; £12.00

1 disk; 1 booklet

Mathematics; Infant school education; Primary education; Special educational needs

There are four programs in this series where pupils can work in groups or individually on a particular table. They can also choose the format of the Number Square and whether the Table is to continue to 100 or less

5+

Table test 2

Rees, John

Cardiff: Drake Educational Associates

198-

Table testing

BBC B; BBC B+; BBC Master; £12.00

1 disk; 1 booklet

Mathematics; Infant school education; Primary education; Special educational needs

Pupils can select a particular Table to practice and whether they work in groups or individually the choice to select is given

5+

Table test 3

Rees, John

Cardiff: Drake Educational Associates

198-

Table testing

BBC B; BBC B+; BBC Master; £12.00

1 disk; 1 booklet

Mathematics; Infant school education; Primary education; Special educational needs

In this program the correct response blocks out the relevant number on the Number Square to provide a number pattern

5+

Table test 4

Rees, John

Cardiff: Drake Educational Associates

198-

Table testing

BBC B; BBC B+; BBC Master; £12.00

1 disk; 1 booklet

Mathematics; Infant school education; Primary education; Special educational needs

This program consists of a number of random tests with the summary of the results shown at the end, together with the time taken

5+

Tablemat

See: Basic package

Tables12

Steven, D.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1984

BBC B; £5.00

Disk

Mathematics; Primary education

Teaches multiplication tables. 20 random questions for a single table or range of tables between 1 and 12.

Tadpole 3 : release 3.5

Cambridge: Biosoft

198-

IBM PC/PS2 and compatibles; £125.00

Disk; manual

Sciences; Databases; Statistics; Computer graphics; Secondary education; Sixth form education; Further education

A numeric database package with statistics and graphics facilities. Each database can have up to 999 records with 60 fields per record. Exclusive, inclusive and relationship sorting of records can be performed for printing or statistical analysis. Handles missing data; verifies records; restructures/merges databases; transfers data to mainframes; captures data from ASCII files. Data can be transferred from the database or keyed in directly to the statistics module. Transformations available include logs, roots, powers, reciprocals and multiply by factor. Tests cover descriptive, parametric and non-parametric. Provides pie-charts; line graphs; scatter diagrams; cluster plots; histograms; bar charts

3.5" or 5.25" disk. Requires 384K RAM minimum, DOS 2.0 or later. Adapter required for graphics (CGA, EGA or Hercules GA)

11+

Takes and adders

See: Teaching with a micro : maths 4

Take-off

Leamington Spa: GEM Software

198-

BBC 32k; Acorn Electron (cassette); £6.50 BBC 32K (disk); £9.50

Cassette or disk; documentation

Mathematics; Primary education; Secondary education; Computer games

A number game to encourage understanding of difference and place value. Can be played against the computer or with another player. The player is presented with 5 boxes into which to place digits which have been randomly produced by the computer, leading to a subtraction problem in which a two digit number is subtracted from a three digit number, with the aim of getting a higher result than the opponent. Provides 3 difficulty levels.

Please specify whether 40t or 80t disk required.
7-14

Taking a census

Hennesey, Kathleen; Murphy, Paul
Harlow: Longman Micro Software
198-

The computer applications project

BBC B; BBC B+; BBC Master 128; £19.50

Disk; students book; teacher's guide; student worksheets

Computer studies; Business education; Secondary education; General Certificate of Secondary Education; Simulation

An interactive simulation of a commercial computer application, in which the students take a simple class survey, with standard survey methods as used in the 1981 National Census for field and coding systems for the various data entries.

BBC 40t, 5.25" DFS disk
14-16

Talisman

Exeter: Minerva Software
198-

Games

Acorn Archimedes; £14.95

Disk

Computer games; Puzzles; Problem solving; Primary education; Secondary education

User has to find all the pieces of the sacred Talisman, which has been broken by the wicked baron and hidden around the castle

RISC OS compatible

5+

Talkback

See: Education compendium

Talking about numbers

MEP; Loughborough University of Technology
Oldham: NCET/MESU, North West SEMERC
198-

Blue file

BBC B; £6.50

40t; 3 disks; 1 documentation booklet; 7 A4 concept keyboard overlays; 7 A3 concept keyboard overlays

Special educational needs; Mathematics; Primary education

A suite of number programs, utilising lots of interesting graphics. Progresses from one-to-one correspondence, through to counting from 1-10. Programs can be used alongside apparatus to be found in the infant or junior classroom. Of considerable value to SLD children. Freely copiable for educational use in the UK.

Talking Braille cell

RCEVH (Research Centre for the Education of the Visually Handicapped)

Oldham: Northwest SEMERC

198-

BBC B; BBC B+; BBC Master 128; £7.00

Disk

Special educational needs; Life skills; Infant school education; Primary education; Secondary education

For the visually handicapped with some knowledge of braille. Enables student to practise Braille without constant attention of teacher. Contents: Talking Braille cell (displays on screen and speaks the cell brailled by the user); Braille Cell test (speaks a cell which the user has to Braille) the user will be corrected if the wrong cell is brailled.

5+

Talking intersheet

RCEVH (Research Centre for the Education of the Visually Handicapped)

Oldham: Northwest SEMERC

198-

BBC B; BBC B+; BBC Master 128; £10.00

Disk

Special educational needs; Life skills; Spreadsheets

For blind people using the Intersheet spreadsheet program. Allows user to hear what they are typing; to move around the document in edit mode and ask for the location and contents of current box to be spoken; switch into screen reader at any time, using speech to read in detail every thing on screen.

Requires Intersheet chip(s), Intersheet system, speech synthesiser

Talking screen reader

RCEVH (Research Centre for the Education of the Visually Handicapped)

Oldham: Northwest SEMERC

198-

BBC B; BBC B+; BBC Master 128; £10.00

Disk; documentation

Special educational needs; Life skills; Infant school education; Primary education

For learners, including visually handicapped, who want to access information on computer screen using synthetic speech. Allows user to hear what he/she is typing and to switch into screen reader at any time to use speech to read in detail everything on screen.

Requires text to speech synthesiser
5+

Talking transcribe

RCEVH (Research Centre for the Education of the Visually Handicapped)

Oldham: Northwest SEMERC

198-

BBC B; BBC B+; BBC Master 128; £7.00

Disk

Special educational needs; Life skills; Adult education

For visually handicapped adults learning Braille. Tests user transcribing from print to Grade 2 Braille. Uses lessons 1-20 from 'Beginning Braille'.

Requires speech synthesiser. Cassette tape recorder optional. Input via adapted Perkins Brailier or BBC keyboard.

18+

Talking Wordwise

RCEVH (Research Centre for the Education of the Visually Handicapped)

Oldham: Northwest SEMERC

198-

BBC B; BBC B+; BBC Master 128; £10.00

Disk

Special educational needs; Life skills; Primary education; Secondary education; Word processing

Allows user to hear what he/she is typing; to move around the document in edit mode to hear the word, character, or line you are moving to; to switch into screen reader and read in detail everything on screen.

Requires Wordwise Plus chip; speech synthesiser
5+

Tall Trees Inc.

Doncaster: RESOURCE

198-

BBC B; BBC Master 128; £15.50 Econet; £23.50 E-Net; £25.50

Disk; documentation Econet and E-Net packs include 5 sets student documentation.

Business education; Data processing; Secondary education; Simulation

Teaches commercial data processing through a case study simulation considering the problems of a typical mail order business. LEA/Regional licences and bulk purchase discount available

BBC B/Master 5.25" 40t DFS; Econet 5.25" 40t; E-Net 5.25" 40t/80t DFS available - £1.50 surcharge per disk

13+

Taming of the Shrew

London: Sussex Publications Ltd; World Microfilms

198-

Shakespeare on disk

IBM PC and compatibles; RM Nimbus; £25.00

Disk; manual

English; English literature; Secondary education; Sixth form education; General Certificate of Secondary Education; A level examinations

ASCII text file, allowing MS DOS word processors to be used to perform analyses of the Taming of the Shrew; scan the entire play for keywords; compare vocabulary and speeches among several plays; prepare tests; print out dramatic scripts with comments and stage directions; print copies of the plays and selected passages; add comments, notes, critical opinion etc. into the text

11+

Tank

See : Set of 13 reading and spelling programs

Tankword

See : Set of 13 reading and spelling programs

Tape controller

See: Single switch programs

Target

See: Games, activities and investigations volume 1

Target; Paint, Order, Odd one out, Octagon

Northampton: Northamptonshire Computer Education Centre

198-

RM Nimbus; £25.00

Disk; documentation

Mathematics; Life skills; Puzzles; Problem solving; Primary education

A compendium of programs exploring number skills, recognition skills and strategies. Contents: Target; Paint; Order; Odd one out; Octagon. Bulk purchase discounts and licences available - details from publishers.

5-11

Targets

See: Basic package

Task

Hodgkinson, Dodie; Higham, Bob; Forbes, Hilary; et al.

Hatfield: Advisory Unit

1986

BBC B; BBC B+; BBC Master 128; £11.50 Econet 2 and above; £17.25

2 disks; 1 booklet; 2 keyboard overlays

Home economics; Design; Craft, design, technology; Secondary education

0946039224 (BBC) 0946039593 (Econet)

Can be used to create/adapt variety of kitchen layouts, each of which can be fitted with a comprehensive range of units/equipment. As well as creating floor plans, will also allow each of the walls to be seen in elevation for checking heights of worktops, wall units and power sockets. Each layout can be tested by simulating a practical work activity, with the program monitoring movements required between sink, cooker, fridge, cupboard, etc. Available from British Gas Education Services, PO Box 70, Wetherby, West Yorkshire LS23 7EA. Tel: 0937 843141.

Please specify machine version required

11+

Task

Advisory Unit, Microtechnology in Education

London: British Gas plc

198-

BBC B; BBC B+; BBC Master 128; £11.50 Econet 2 and above; £17.25

Disk; teacher notes

Home Economics; Craft, design, technology; Design; Secondary education

Testing, assessment and study of kitchens. Can be used to create/adapt variety of kitchen layouts, each of which can be fitted with a comprehensive range of units/equipment. As well as creating floor plans, will also allow each of the walls to be seen in elevation for checking heights of

worktops, wall units and power sockets. Each layout can be tested by simulating a practical work activity, with the program monitoring movements required between sink, cooker, fridge, cupboard, etc.

BBC 40 or 80t disk

14-18

TBMC

Gordan, J.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1984

BBC B; RM Nimbus; £5.00

Disk (documentation on disk)

Computer studies; Secondary education; Simulation

A program to simulate a very small micro.

TCP/Connect

Exeter: Maxima Communications plc

198-

Apple Macintosh; £315.00

Disk

Communication; Utilities

An implementation of NCSA Telnet for the Macintosh, incorporating simultaneous log on; Tetrionix 4014 graphics terminal emulation; user-defined macro keys; subnetting and AppleTalk-based IP addressing. Supports standard FTP file transfer; will also transfer MacBinary files over the network.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

TCPort hostAccess

Exeter: Maxima Communications plc

198-

Apple Macintosh; £125.00

Disk

Communication

A collection of applications providing Macintosh users with direct access to multiple hosts on an Ethernet network, including Tenet for VT100 emulation; FTP, for file transfer between hosts; and multiple sessions to different hosts.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

TCPort toolkit

Exeter: Maxima Communications plc

198-

Apple Macintosh; £645.00

Disk

Communication

Provides a platform for development of networking applications taking advantage of distributed processing. Includes drivers for TCP, IP and UDP and socket libraries containing calls to the device drivers.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Teach me Basic

Burkhart, Diana

Nottingham: Shell Centre for Mathematical Education

1988

BBC B; BBC B+; BBC Master 128; £22.00

4 disks (40t); book

Computer studies; Computer programming; Programming languages; Secondary education; Further education; Problem solving

0906126304

This computer assisted learning package is an introduction to programming in BBC Basic. The colour and animation make learning fun which, is reinforced by problem solving exercises.

Networks not supported

11+

Teacher's cupboard

Hosler, Simon; Bonham, Bill; Bonham, Lou (et al.)

Sherston: Sherston Software

1988

BBC B; BBC B+; BBC Master 128; BBC Master Compact; Acorn Archimedes; RM Nimbus; (single pack) £23.00 BBC B; BBC B+; BBC Master 128; BBC Master Compact; Acorn Archimedes; RM Nimbus; (small lab pack) £46.00 BBC B; BBC B+; BBC Master 128; BBC Master Compact; Acorn Archimedes; RM Nimbus; (large lab pack) £64.00

Single pack: 1 disk; 1 teacher's book; 1 children's book; 6 cards; 6 concept keyboard overlays; poster Small lab pack: 1 copy of full pack plus 5 extra copies of disk Large lab pack: 2 copies of full pack plus 10 extra copies of disk

Language; English; Puzzles; Problem solving; Cross curriculum; Infant school education; Primary education; Special educational needs; Adventure simulation

Animated graphics with adventures and puzzles. Children are transported to a magical land when they enter the teacher's cupboard

Compatible with the concept keyboard; 3.5" DFS and 5.25" ADFS disks also available. Switched version available

5-7

Teacher's pet

Workshop: TGW Software Developments

198-

BBC B; BBC Master; £5.00

Disk

Special educational needs; Utilities

Contents: Automatic switcher (automatically adds section to almost any BASIC program to enable it to operate off an external switch through the user port); Menu generator (a simple to use menu compiler with pre-set format for putting all programs on a disk onto the menu in about 10 seconds. Facility to alter print size, colour and title.

5.25" 40t disk unless 80t is requested; will operate on single or double density drives.

5+

Teaching with a micro : maths 1

Phillips, Richard; Corpland, Jon (et.al)

Nottingham: Shell Centre for Mathematical Education

1986

BBC B; BBC B+; BBC Master 128; £15.00 RM Nimbus; Acorn Archimedes; £17.50

Disk; booklet

Mathematics; English; Sciences; Computer studies; Puzzles; Problem solving; Secondary education; Computer games; Adventure simulation

0906126223

Contents: Decode (language and probability activities); Plod; (a mathematical investigation); Salesman (problem solving); Sincos (the functions of sine and cosine); Vector (a treasure hunting game using vectors).

Networks not supported

11-16

Teaching with a micro : maths 2

Phillips, Richard; Swan, Malcolm; Burkhardt, Hugh (et.al)

Nottingham: Shell Centre for Mathematical Education

1985

BBC B; BBC B+; BBC Master 128; £15.00
Acorn Archimedes; RM Nimbus; £17.50

Disk; booklet

Mathematics; Puzzles; Problem solving; Secondary education; Computer graphics; Adventure simulation

0906126231

Contents: Bottles (the relationship between graphs and real events); Sunflower (problem solving exercise encouraging systematic investigation and modelling); Traffic (develops graph interpretation skills); Zoom (explores and develops ideas about decimals).

Networks not supported

11-16

Teaching with a micro : maths 3

Phillips, Richard; Brasier, Martin; (et al.)

Nottingham: Shell Centre for Mathematical Education;

1986

BBC B; BBC B+; BBC Master 128; £15.00
Acorn Archimedes; RM Nimbus; £17.50

Disk; booklet

Mathematics; Secondary education; Adventure simulation

0906126266

Contents: Dogs (illustrates spirals and some properties of logarithmic spirals); Engram (explores ways of making patterns with numbers using multiples, even numbers, prime numbers, squares); Sploit (a simple program for plotting spirals); Time (uses reaction times to explore statistics)

Networks not supported

10-16

Teaching with a micro : maths 4

Phillips, Richard; Haigh, Gordon

Nottingham: Shell Centre for Mathematical Education

1986

BBC B; BBC B+; BBC Master 128; £15.00
Acorn Archimedes; RM Nimbus; £17.50

Disk; booklet

Mathematics; Secondary education; Adventure simulation

0906126274

Contents : Ghosts (an arcade game which helps to name points in the coordinate system); Lineout (presents a segment of the number line divided into regions); MX plus C (a game in

which one claims as many whole number coordinates as possible by drawing straight lines across a grid); Ncroach (a territorial game to acquire a square by entering a number); Takes and Adders (a version of snakes and ladders in which both are invisible and the players have to locate the squares where a snake or ladder begins)

Networks not supported

9-14

Teaching with a micro : maths 5

Phillips, Richard; Swan, Matthew; Ball Derek (et al.)

Nottingham: Shell Centre for Mathematical Education

1987

BBC B; BBC B+; BBC Master 128; £15.00
Acorn Archimedes; RM Nimbus; £17.50

Disk; booklet

Mathematics; Secondary education; Information handling; Databases; Adventure simulation

0906126363

Contents : Alchemy (a systematic investigation in a science laboratory); Number (an information handling program on numbers which also allows users to add their own information and build up a personal database); Pyxidium (a problem solving program about number patterns); Swap (involves discovering the rules for transforming one animal into another)

Networks not supported

10-16

Teatime

See: Teddy bears' picnic

Teatime for Boris

See Joystick games 1

TECDV

ITMA

Harlow: Longman Micro Software

198-

BBC B; BBC B+; BBC Master 128; £19.50 BBC
Econet; SJ file server; AMCOM E-Net; £30.00

Disk

Craft, design, technology; Mathematics; Secondary education; Sixth form education; Further education

Teaches construction methods for different elevations and the development a selected truncated prism, showing a general view, the oblique and isometric views, with or without their construction methods.

BBC 40t, 5.25" DFS disk; BBC 80t, 5.25" disk
14-17

Technology and design : part 1

Simmonds, Keith; Barnes, Bob; Cooper, Andy; (et al.)

London: BBC Enterprises / Longman-Logotron
1987

BBC B; BBC B+; BBC Master 128; £22.00 BBC
Econet; details from publisher

4 disks; documentation (1 user guide); 2 audio cassettes; 1 keystrip

Electronics; Craft, design, technology; Design;

Secondary education; Sixth form education; Further education; Computer graphics; Engineering

0563213574

Contents: Pneumatics (how pneumatic devices and circuits work); Structures (how to design stable, strong structures); Gears and linkages (explains moments); Motors (how motors work and how to control them); Electronic systems (how to control stage effects by circuits)

Supplied on 40t disks; converter program supplied for 80t drive

12+

Technology and design : part 2

London: BBC Enterprises / Longman-Logotron
1989

BBC B; BBC B+; BBC Master 128; £22.00

1 disk; documentation (1 user guide)

Electronics; Craft, design, technology; Design; Business education; Sixth form education; Further education; Computer graphics

0563228482

Three programs provide the user with experience of problem solving in different situations. Contents : Bus game (four players run bus services competing for survival); Pack-it (explores packaging and problems associated with design); Adventure of sorts (requires problems to be solved using people of different physical make-up)

12+

Techtile

Thompson, Nigel

Clwyd: Clwyd Technics Ltd

1990

Acorn Archimedes; A3000; £69.95 Interface;
£79.95 BBC B; BBC Master; £19.95

Software; Interface to Brother knitting machines (optional); Disk (BBC)

Computer assisted design; Craft, design, technology; Home economics

A design package in full colour on-screen which allows tiling, mirror images, rotational symmetry for textile design and knitting machines.

Can be sent directly to a Brother knitting machine using the techtile Arc interface lead (available from Clwyd Technics).

11-16+

Ted's adventures

Boyes, Rod with Airedale, C.D.U.

Bradford: Brilliant Computing

1987

BBC B; BBC B+; BBC Master; £15.00
40/80t; Disk; manual

Language; Puzzles; Problem solving; Preschool education; Infant school education; Special educational needs; Computer graphics; Life skills; Primary education

A picture story "book" to encourage vocalisation and decision making. Contains two stories based on a teddy bear (or an adult male or female) character: Ted goes visiting (to the policeman, the postman, the gardener and the nurse, with the user making choices along the way which affect the story); Ted goes shopping (user chooses what Ted buys in the supermarket).

BBC 5.25" disk; 40/80t; works with keyboard (space bar, shift lock, copy keys); 2 switches (e.g.

block switches) and interface box; Microvitec 5501 touch screen.

11-10

Teddy

See: Basic package

Teddy bear picnic

See: Fun school for under 6s

Teddy bears' picnic

Norgate, Jean; Bonham, Bill; Pead, Sally

Sherston: Sherston Software

11989

BBC B; BBC B+; BBC Master 128; BBC Master Compact; Acorn Archimedes; (single pack) £19.50 BBC B; BBC B+; BBC Master 128; BBC Master Compact; Acorn Archimedes; (small lab pack) £39.00 BBC B; BBC B+; BBC Master 128; BBC Master Compact; Acorn Archimedes; (large lab pack) £58.50

1 disk; 1 teacher's book; 1 story book; 9 concept keyboard overlays; 8 workcards; stickers; 1 National curriculum flowcharts

1 Language; English; Mathematics; Cross curriculum; Infant school education; Primary education; Special educational needs

1 Animated graphics with language and maths activities. Contents: Post bear (odd and even numbers); Sandwiches (ingredients and preparation); Teatime (sharing out food); Oak tree (life cycle of the oak); Walk in the woods; Edward bear (practising sums)

1 Fully compatible with the concept keyboard. 3.5" DFS and 5.25" ADFS disks also available

5-7

Teddy count

See: Fun school for under 6s

Teddy programs

Lancaster: Syndicate Software

BBC B; BBC B+; BBC Master; (disk); £22.95 BBC B; BBC B+; BBC Master; Acorn Electron; (tape) £22.95

Disk; concept keypad overlay

Puzzles; Problem solving; Mathematics; Language; Special educational needs; Preschool education; Infant school education; Primary education; Computer graphics

A set of 7 programs testing logic and numeracy skills through puzzles based on the central character Teddy. Does not require reading ability

40t s/s, d/d disk; or tape. Compatible with 128-key concept keypad: please specify whether A3 or A4 size required

4+

Teddytronic: the story of the firm

Carter, Howard; Hurd, Stephen; Watson, Deryn; et al

Harlow: Longman Micro Software

198-

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; Acorn Archimedes; £19.50 Econet levels 2 & 3; SJ file server; ACOM E-net; RM Nimbus/Network; £30.00

1 disk; 1 teachers' guide; students' leaflets; 1 running sheet

Economics; Sociology; Business education; Secondary education; Simulation

0582267250

A business simulation - students run a soft toy firm, with orders dependent upon time of year, and decisions based on production, sales, cost, cash flow data, and random events

BBC 40t, 5.25" DFS; BBC 80t, 5.25"; Archimedes 3.5"; Nimbus/Network 3.5" disk 14-16

Teeth

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £19.50 RM Nimbus; £24.50 RM Nimbus network; (up to 16 machines) £45.00; (up to 48 machines) £65.00 BBC Master Compact; £21.70 Econet; £58.50

Disk; teacher notes; worksheets/diagrams

Biology; Secondary education; Sixth form education; Further education; Computer graphics

Coloured illustrations of teeth types and their functions, and a detailed diagram of tooth structure. Covers nature and causes of tooth decay and the importance of diet and fluoride

Only specify 80t if you cannot use 40t disks

11+

Teeth

See: Biology pack 2

Teeth and dental care

Ruddock, Mark

Plymouth: Garland Computing; General Dental Council

198-

BBC B; BBC B+; BBC Master 128; £17.00 RM Nimbus; Acorn Archimedes; £19.80 Nimbus network; £37.45 Econet; £34.65

Disk

Biology; Primary education; Secondary education; Computer graphics

Teaches children about the types of teeth and their structure; the importance of diet and dental hygiene in preventing tooth decay and gum disease. Uses animated graphics and sound effects and includes a quiz. Site licences, multiple copy discounts available; details from publisher

BBC 40t or 80t (please specify). RM Nimbus versions supplied with BBC Basic

8-15

Telecommunications training pack

Studley, Warwickshire: LTS (Learning and Training Systems)

BBC B; BBC Master; £29.95

Disk; Printed reference sheets

Communication; Utilities; Secondary education; Sixth form education; Further education

Covers most aspects of telecommunications as they relate to education, including TTNS, Prestel, NERIS and Interspan. Includes a teleconferencing system for Econet, and for non-Econet using RS 532 interface (needs 5 pin domino lead, not supplied).

Educational Software TED - TEL

Please specify format in which material is required.

12-18+

Telescreen

See: Telesequence; Telescreen

Telesequence and Telescreen

Rowe, Dave; Smith, Peter; Williams, Liz

London: Capital Media

1985

BBC B; £8.00

Disk

Utilities; Design; Craft, design, technology; Art; Computer graphics; Primary education; Secondary education

Teletext screen editors enabling user to design and create attractive "professional" visual displays, using such facilities as different colour text, single/double height characters; simple/complex graphics; flashing text; reveal effects.

BBC 40t s/s, s/d disk

5+

Teletext server

Dawkins, C.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1986

BBC B; £10.00

Disk

Utilities

Allows a BBC with an Acorn teletext adapter to send teletext pages to any station on an Econet. The adapter must have the original Acorn ROM. Also keeps fileserver time correct, provides a simple message facility and writes analogue port values to the fileserver at preset intervals.

Teletext tuner

RCEVH (Research Centre for the Education of the Visually Handicapped)

Oldham: Northwest SEMERC

198-

BBC B; BBC B+; BBC Master 128; £7.00

Disk

Special educational needs; Life skills; Primary education; Secondary education; Further education; Adult education

Allows blind users to tune into their Teletext adapter; low beep indicates poor reception; high beep optimum reception. Speech will indicate the television channel tuned into.

Requires Teletext adapter; good quality TV aerial; text to speech synthesiser

7+

Teletype

Anderson, Marshall

Sherston: Sherston Software

1989

BBC B; BBC B+; BBC Master 128; BBC Master Compact; (single pack) £27.00 BBC B; BBC B+; BBC Master 128; BBC Master Compact; (small lab pack) £55.00 BBC B; BBC B+; BBC Master 128; BBC Master Compact; (large lab pack) £82.50

Single pack: 2 disks; 1 teacher's book; 1 poster; 5 worksheets; keystrip Small lab pack: 1 copy of full pack plus 5 extra copies of disks Large lab pack: 2 copies of full pack plus 10 extra copies of disks

Cross curriculum; Language; English; Modern languages; German; French; Simulation; Primary education; Secondary education

A news service simulation package, which includes sample files on the Fire of London; the Queen of Hearts story, a theft in Wales, a CID incident, an international incident concerning a defecting Libyan pilot, a flying saucer landing, and simulations in French and German. Option for teachers to create own files.

BBC 40t 5.25" DFS; BBC 80t 5.25" DFS; BBC Compact 3.5" ADFS disk 3.5" DFS and 5.25" ADFS disks also available

9-15+

Teletype file disk : French

Anderson, Marshall; Day, Jonathon; Simpson, Michael

Sherston: Sherston Software

1989

BBC B; BBC B+; BBC Master 128; BBC Master Compact; (single pack) £16.50 BBC B; BBC B+; BBC Master 128; BBC Master Compact; (small lab pack) £33.00 BBC B; BBC B+; BBC Master 128; BBC Master Compact; (large lab pack) £49.50

Single pack: 1 disk; 1 teacher's book Small lab pack: 1 copy of full pack plus 5 extra copies of disk Large lab pack: 2 copies of full pack plus 10 extra copies of disk

Modern languages; French; Primary education; Secondary education Simulation; Creative writing; Grammar

A range of newsfiles from first to sixth form level for oral and written French practice in a dynamic situation. Main Teletype pack needed to run this disk.

BBC 40t 5.25" DFS; BBC 80t 5.25" DFS; BBC Compact 3.5" ADFS disk. 3.5" DFS and 5.25" ADFS disks also available

9-15+

Teletype file disk : German

Anderson, Marshall; Day, Jonathon; Simpson, Michael

Sherston: Sherston Software

1989

BBC B; BBC B+; BBC Master 128; BBC Master Compact; (single pack) £16.50 BBC B; BBC B+; BBC Master 128; BBC Master Compact; (small lab pack) £33.00 BBC B; BBC B+; BBC Master 128; BBC Master Compact; (large lab pack) £49.50

Single pack: 1 disk; 1 teacher's book Small lab pack: 1 copy of full pack plus 5 extra copies of disk Large lab pack: 2 copies of full pack plus 10 extra copies of disk

Modern languages; German; Primary education; Secondary education; Simulation; Creative writing; Grammar

A range of newsfiles from first to sixth form level for oral and written German practice in a dynamic situation. Main Teletype pack needed to run this disk.

BBC 40t 5.25" DFS; BBC 80t 5.25" DFS; BBC Compact 3.5" ADFS disk. 3.5" DFS and 5.25" ADFS disks also available

9-15+

Tele-book

Matson, Mike

Barnstaple: 4mation Educational Resources
1984

BBC B; BBC B+; BBC Master; £24.00

Disks; 1 booklet; function key overlay; 5 double-sided help cards; 1 transparent plastic page planner; set of page planner sheets; example book

English; Creative writing; Authoring aids; Primary education; Secondary education; Sixth form education; Further education; Special educational needs; Computer graphics; Information handling

The program was designed to allow pages of text (and simple graphics) of up to 15 pages to be created and subsequently displayed. The Search program enables resource materials to be catalogued and updated.

BBC disk 40/80t or 3.5" ADFS

8-Adult

Temperature

Cardiff: MEU Cymru

Life sciences construction packs

BBC B; BBC Master; £10.00

Disc; teachers' notes; construction book

Sciences; Technology; English; Mathematics; Physical education; Information handling; Data processing; Secondary education

The sensing units and interface modules provide electronic construction experience and are presented in the context of a graduated series of electronic investigations for pupils of technology. The software produces numerical and graphical displays of the sampled data which can be printed and saved on disc. The two-channel thermometer produces on-screen red and blue temperature traces logged against time; the probes and software can detect and display temperature differences of 0.1 (0C-50C) recorded over periods of up to 24 hours

5.25" 40t

10-16

Temperature probes

Chepstow: AVP Computing

BBC B; BBC B+; BBC Master 128; £45.00 RM Nimbus; £45.00

Physics; Secondary education

This package comes ready to use with two pre-calibrated temperature probes, connecting wires and D-connector which plugs into the back of the BBC computer or the Parallel Piconet Module of the RM Nimbus. The probes are calibrated in the range -10 to 95C, and give a normal reading to +/-0.1C, although probably accurate to +/-0.5C. The program offers large figure display of both temperatures, temperature/time graphs, saving and loading of data, editing of data and print out of results.

Tempest

Davies, Paul (ed.)

Bangor: Akadimias

198-

Tutor series : English Literature - set texts

BBC B; BBC Master 128; Econet levels 2 & 3; Acorn; RM Nimbus PC 186; RM Nimbus AX series; Nimbus network; Amstrad 6128 & PCW; IBM PC compatible; £25.00 (includes site licence for up to 10 terminals)

Disk; study booklet; reading list

English literature; Secondary education; Sixth form education; Further education; A level examinations

A program to test student knowledge with questions in a multiple choice format, in either a random or sequential order, and with various user selectable time-bases against which the test may be taken. Facilities for revision; sequential, random test modes; with four time based skill levels in each test mode. Discounts available: details from publisher

BBC 40 or 80t disk (please specify). Acorn DFS & ADFS; RM Nimbus 3.5" disk; Amstrad disk; IBM PC 5.25" or 3.5" disk (please specify).

16+

Tempest

London: Sussex Publications Ltd; World Microfilms

198-

Shakespeare on disk

IBM PC and compatibles; RM Nimbus; £25.00

Disk; manual

English; English literature; Secondary education; Sixth form education; General Certificate of Secondary Education; A level examinations

ASCII text file, allowing MS DOS word processors to be used to perform analyses of the Tempest; scan the entire play for keywords; compare vocabulary and speeches among several plays; prepare tests; print out dramatic scripts with comments and stage directions; print copies of the plays and selected passages; add comments, notes, critical opinion etc. into the text

11+

Tempest DTP

Northwich: Clares Micro Supplies

1990

Acorn Archimedes; £99.95

Disk; manual

Desktop publishing; Secondary education; Further education; Art; Design; English; Creative writing; Word processing

A fully functional RISC OS package, including complete text editor and everyday word processor with spell checker and mail merge. Full WYSIWYG display. Uses Acorn outline fonts. Facilities include import, scale and crop sprites or draw files; multiple columns; style sheets; paragraph tags; kerning and hyphenation; position in inches, centimetres, millimetres, picas or points

3.5" disk; prints on most printers including dot matrix, laser, Postscript and inkjet

11-18+

Ten

See: Primaths4

Tens

See: Games, activities and investigations volume 1

Tens

See: Mathematics practice in the classroom

Tens

See: Project programs : second stage

Tens and units

Sherston Software

Sherston: Sherston Software

1985

BBC B; BBC B+; BBC Master 128; BBC Master Compact; (single pack) £12.50 BBC B; BBC B+; BBC Master 128; BBC Master Compact; (small lab pack) £25.00 BBC B; BBC B+; BBC Master 128; BBC Master Compact; (large lab pack) £37.50

Single pack: 1 disk; 1 teacher's book Small lab pack: 1 copy of full pack plus 5 extra copies of disk Large lab pack: 2 copies of full pack plus 10 extra copies of disk

Mathematics; Primary education; Computer games; Infant school education

Three games to help children understand place value.

BBC 40t 5.25" DFS; BBC 80t 5.25" DFS; BBC Compact 3.5" ADFS disk. 3.5" DFS and 5.25" ADFS disks also available

6-9

Tense French

London: Sussex Publications Ltd; World Microfilms

198-

BBC; £13.80

Disk; manual

Secondary education; Sixth form education; General Certificate of Secondary Education; A level examinations

Covers 20 French verbs in 8 tenses, providing choice of viewing, translation and testing. Analyses mistakes.

BBC 40t or 80t disk

11+

Termulator

Cambridge: Acornsoft

1983

BBC B; B+; £30.00

ROM; user guide; function key cards

Utilities;

Converts micro into a terminal which can emulate a variety of industry terminals: ANSI(VT100), VT52, Tektronix 4010, a 'Dumb' terminal; a 'hardcopy' terminal, a special 'BBC terminal' which enables the host computer output to be sent directly to BBC micro VDU drivers.

ROM

5-16+

Tessel

Whitworth, P.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

£4.00

BBC B; £4.00

Disk

Mathematics; Geometry; Primary education; Secondary education; Computer graphics

Generates coloured plane tessellations by rotating a polygonal shape.

Tessellations

Daly, Fred; Burn, Bob; Forecast, Christopher

Cambridge: Cambridge Micro Software

1984

BBC B; BBC B+; BBC Master; £27.50 Econet; £37.50

2 disks; 40/80t; 1 documentation booklet

Primary education; Secondary education; Mathematics; Geometry

0521264103 (BBC 40t); 0521306787 (BBC 80t); 0521328969 (Econet 80t)

The program allows the user to draw tessellating shapes, with the computer automatically providing symmetry in any of the seventeen possible symmetry groups. Patterns may be printed out in colour or black and white.

40/80t

11-16

Tessellator

See: Polyominoes project pack

Testbank

London

Sussex Publications Ltd; World Microfilms

198-

BBC; £26.00 Econet; £29.95

Disk; manual

Cross curriculum; Secondary education; Sixth form education; General Certificate of Secondary Education; A level examinations

Allows teachers to create banks of multiple choice, true/false, short answer or sentence and essay questions

BBC 80t disk

Testmaster

Jones, Christopher

London: Wida Software Ltd

198-

BBC B; BBC B+; BBC Master; £35.00 each version MS DOS; £60.00 each version BBC Econet Level 2/3; £70.00 each version

Disks

English; Modern languages; French; German; Spanish; Italian; Primary education; Secondary education; Authoring aids

Allows simple authoring of a sophisticated range of answers of up to 75 characters per answer. Operates in exploratory and examination modes; questions can be answered in any order, omitted, or returned to. Available in English; French; German; Spanish; or Italian.

BBC 40t/80t; programs convertible by user for Master Compact. MS DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1Mb memory & IBMulator.

8-15

Testmaster : autrement dit

Jones, Christopher

London: Wida Software Ltd

198-

Testmaster

BBC B; BBC B+; BBC Master; £35.00 MS DOS; £60.00 BBC Econet Level 2/3; £70.00

Disk

Modern languages; French; Primary education; Secondary education; Authoring aids

Allows simple authoring of a sophisticated range of answers of up to 75 characters per answer. Operates in exploratory and examination modes; questions can be answered in any order, omitted, or returned to. Available also in English; German; Spanish; or Italian.

BBC 40t/80t; programs convertible by user for Master Compact. MS DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1MB memory & IBMulator.

8-15

Testmaster : che sara?

Jones, Christopher

London: Wida Software Ltd

198-

Testmaster

MS DOS; £60.00

Disk

Modern languages; Italian; Primary education; Secondary education; Authoring aids

Allows simple authoring of a sophisticated range of answers of up to 75 characters per answer. Operates in exploratory and examination modes; questions can be answered in any order, omitted, or returned to. Available also in English; French; German; or Spanish.

BBC 40/80t; programs convertible by user for Master Compact. MS DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1MB memory & IBMulator.

8-15

Testmaster : English version

Jones, Christopher

London: Wida Software Ltd

198-

Testmaster

BBC B; BBC B+; BBC Master; £35.00 MS DOS; £60.00 BBC Econet Level 2/3; £70.00

Disk

English; Primary education; Secondary education; Authoring aids

Allows simple authoring of a sophisticated range of answers of up to 75 characters per answer. Operates in exploratory and examination modes; questions can be answered in any order, omitted, or returned to. Available also in French; German; Spanish; or Italian.

BBC 40/80t; programs convertible by user for Master Compact. MS DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1Mb memory & IBMulator.

8-15

Testmaster : que responde?

Jones, Christopher

London: Wida Software Ltd

198-

Testmaster

BBC B; BBC B+; BBC Master; £35.00 MS DOS; £60.00 BBC Econet Level 2/3; £70.00

Disk

Modern languages; Spanish; Primary education; Secondary education; Authoring aids

Allows simple authoring of a sophisticated range

of answers of up to 75 characters per answer. Operates in exploratory and examination modes; questions can be answered in any order, omitted, or returned to. Available also in English; French; German; or Italian.

BBC 40t/80t; programs convertible by user for Master Compact. MS DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1MB memory & IBMulator.

8-15

Testmaster : varianten

Jones, Christopher

London: Wida Software Ltd

198-

Testmaster

BBC B; BBC B+; BBC Master; £35.00 MS DOS; £60.00 BBC Econet Level 2/3; £70.00

Disk

Modern languages; German; Primary education; Secondary education; Authoring aids

Allows simple authoring of a sophisticated range of answers of up to 75 characters per answer. Operates in exploratory and examination modes; questions can be answered in any order, omitted, or returned to. Available also in English; French; Spanish; or Italian.

BBC 40t/80t; programs convertible by user for Master Compact. MS DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1MB memory & IBMulator.

8-15

Text grader

Mahoney, John; Meiklejohn, Peter

Birmingham: Hutchinson Software

198-

BBC; RML 380Z; RML 480Z; Apple II; £26

1 disk or cassette

Reading skills; Primary education; Schools; Administration

Automatically calculates the reading age of any text typed in, on eight different measures.

BBC disk or cassette; RML 380Z disk; RML 480Z cassette; Apple II disk

Text tangles

Stevens, Vance; Millmore, Steve

London: Research Design Associates order via Wida Software Ltd

198-

MS DOS; £60.00

Disk

English; Language; English (second language); Reading skills; Secondary education; Puzzles; Problem solving

A six-module program which creates text reconstruction puzzles from ASCII text files. Includes: Hangman; Cloze; Cryptogram generators; Paragraph and Sentence jumbled; plus a program allowing students to simply read text.

MS/DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1MB memory & IBMulator.

11+

Text to Braille

RCEVH (Research Centre for the Education of the Visually Handicapped)

Oldham: Northwest SEMERC

198-

BBC B; BBC B+; BBC Master 128; £7.00

Disk; documentation

Special educational needs; Word processing

For sighted people who wish to translate text into braille. Text has to be entered into a text file, using either Wordwise or View; user can then start up the translation program, which is menu driven. Features include text editing and braille editing facilities. Program prints out to a braille embosser.

Requires Wordwise or View chip; Braille embosser.

TextComment

Glasgow: Mike Harland

198-

Apple Macintosh; £7.00

Disk

Language; Modern languages; English; Primary education; Secondary education; Authoring aids

An authoring shell for most language, allowing entry of text with hidden comments for any word or phrase. Comment appears in a pop-up window as students click or drag over the text.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

7+

TEXTures

Glasgow: Persona TMC Ltd

198-

Apple Macintosh; £450.00

Disk

Desktop publishing

A powerful TEX document typesetting system, capable of handling complex table construction with precision ruled forms and multi-column layout. Provides word processing and editing windows; automatic hyphenation and justification; indices; table of contents; kerning and ligature insertion. Not recommended for beginners.

Requires 1Mb of RAM.

Thegn

Io Software; Dary, John; Holst, Tristen

Gravesend: Fernleaf Educational Software Ltd

1986

BBC B (disk); £11.26 BBC B (cassette); £8.65

40t; 1 disk or cassette; 1 documentation booklet

History; Primary education; Secondary education; Puzzles; Problem solving

Contained in Norman England. The thegn is leader of a Saxon village and has decided to build a new hall. Problems arise when a Norman knight is granted his land, and the thegn's home and possessions change

8-12

Thematic approach to topic work

Coventry: NCET/MESU

1988

BBC B; BBC B+; BBC Master; £15.00

4 disks; book; 16 A3 and 18 A4 overlays

Primary education; Secondary education; Special educational needs

A resource pack covering a series of 6 INSET sessions, each module and supporting software addressing a theme. Develops teacher self-confidence in the creation and use of overlay materials for special needs students. Licensing agreements/large bulk orders: details from publishers.

40t disk

Theory of the firm

Yates, Ian; Hornby, W.B.; Holley, B.J.; et al

Harlow: Longman Micro Software

1987

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; £19.50

1 disk; 1 documentation booklet; students' leaflets

Economics; Secondary education; Further education; Sixth form education

0582265452

Helps students understand principles/concepts of costs and revenue functions under differing market conditions. Contained in Super value pack

BBC 40t, 5.25" DFS disk

16-19

Therapist kit

Shipley: Bradford Activity Toys

198-

BBC B; BBC B+; BBC Master 128; £107.41

2 large and 2 small mat switches; interface box; Switch on program; Floor mat program; 4 battery adapters; instructions

Life skills; Physical education; Special educational needs

Two programs for using switches for picture matching or walking towards the computer screen over the floor mat switches.

4-Adult

Therapy games

Richards, Dave

Blairgowrie: Lochesoft

198-

Series 2

BBC B; BBC B+; BBC Master 128; BBC Networks; £19.50

Disk

Language; Spelling; Mathematics; Puzzles; Problem solving; Infant school education; Special educational needs; Computer games; Primary education

0947584692/684

Contents: Wordcross (a criss-cross style word puzzle game, enhancing literacy skills and hand/eye co-ordination); Watchperson (a forward planning and co-ordination game in which the child tries to walk through all the streets without passing up one twice); Colours (a colour co-ordination game, involving matching a moving blob to coloured blocks; develops hand/eye co-ordination and reaction speed); Numeric invaders (similar to space invaders, with the invaders being numbers; requires using all the number keys); Reds and greens (a computerised version of Connect-4,

encouraging forward planning and colour co-ordination). May be operated with Concept keyboard; touch screen or joystick. Results may be stored and monitored.

BBC 40t s/d DFS disk (unless 80t requested); will also run on ADFS or Network. Please specify whether A3 or A4 overlays are required.

5+

Therapy micromix

Smart, Steve

Blairgowrie: Locheesoft

198-

Series 7

BBC B; BBC B+; BBC Master 128; BBC Networks; £19.50

Disk

Simulation; Special educational needs; Primary education; Secondary education; Further education; Adult education

0947584927

Includes: a simple washing machine simulation; a program illustrating colour mixing; some tactile "cause and effect" programs. May be operated with Concept keyboard; touch screen or joystick. Results may be stored and monitored.

BBC 40t s/d DFS disk (unless 80t requested); will also run on ADFS or Network. Please specify whether A3 or A4 overlays are required.

6+

There

See: Fun with words

Thermal barrier

See: Physics software pack2

Thermal equilibrium in a solid

Robinson, Anthony

Plymouth: Garland Computing

1983

BBC B; BBC B+; BBC Master 128; £13.85 RM Nimbus; Acorn Archimedes; £16.30 Nimbus network; £33.95 Econet; £31.50

Disk

Physics; Simulation; Computer graphics; Secondary education; Sixth form education; Further education

An effective visual aid to demonstrate the movement of quanta between atoms, allowing a simulation of such movement to be chosen, and graphs displayed. Site licences, multiple copy discounts available; details from publisher

BBC 40 or 80t (please specify). RM Nimbus versions supplied with BBC-BASIC.

16+

Thermo

See: General science 1

Theta

See: Secondary maths 1

Think

See: Micros in the primary classroom : module 4

Think ahead

Gravesend: Fernleaf Educational Software Ltd 198-

BBC B; BBC B+; BBC Master 128; BBC Master Compact; £17.95

Disk; documentation

Cross curriculum; Puzzles; Problem solving; Primary education; Secondary education; Computer games

Contents: Squares; Auctions; Columns; Pathways; Collections. Five original logical thinking and reasoning games in a subject free context, involving careful forward planning and use of bluff and counter bluff skills.

Please state make/model of computer; network system; disk size and printer.

7-12+

Think it out

Gravesend: Fernleaf Educational Software Ltd 198-

BBC B; BBC B+; BBC Master 128; BBC Master Compact; £17.95

Disk; documentation

Cross curriculum; Mathematics; Puzzles; Problem solving; Primary education; Secondary education; Computer games

Contents: Stairways; Lytbacks; Colour path; Stope them; How long. Open ended and subject free programs to provide opportunities to develop reasoning skill

7-12

Think's lightspeed C : version 3.0

Maidenhead: Symantec (UK) Ltd.

198-

Apple Macintosh; £125.00

Disk

Computer programming; Programming languages

An ultra-fast, high code quality C language programming environment, a Kernighan and Ritchie implementation with Harbinson and Steele extensions, combining a multi-window text editor, compiler, linker and auto-make facility in one system. Features include system and interface files; library disk and Project Manager which includes an auto-make facility allowing specification of source code module dependency, enabling automated compiling and linking of modified modules. Supports all Macintosh Toolbox and Operating System calls, up to and including 'Inside Macintosh, Volume V'.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration

Think's lightspeed Pascal : version 2.0

Maidenhead: Symantec (UK) Ltd.

198-

Apple Macintosh; £85.00

Disk

Computer programming; Programming languages

An integrated environment for the Macintosh including a multi-window text editor, multi-pass optimising compiler, smart linker, Project Manager and source level debugger which allows statement by statement tracing through source code. Built-in context switching allows

instantaneous switching between a source code module and Lightspeed Pascal. Conforms with ANSI/IEEE 77032.97-1983 and American National Standard Pascal; supports SANE environment. Debugger allows users to display and modify variables as the program runs and examination of the heap, CPU and floating point registers, stack frames and any part of memory. Allows up to 4 debugging windows to be monitored at one time.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Thinking games

Collins, Stuart

Radcliffe-on-Trent: Somasoft Educational Software

1989

Acorn Archimedes; BBC B; BBC B+; BBC Master; BBC Master Compact; RM Nimbus; £18.00

Disk 40t/80t/3.5"; booklet; colouring poster

Mathematics; Problem solving; Computers; Secondary education

11 games; Some old games with new twists, some new games and a radar flight simulation. The common thread is the use of brain-power rather than fast-finger power

BBC 5.25" disks : specify 40t or 80t. No printer needed. Colour monitor preferable

9-16

Third angle projection

Penton, Elliott; Ellis, Derrick; Cox, Margaret

Harlow: Longman Micro Software

1987

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; Acorn Archimedes; £27.50 RM Nimbus/Network; £35.00

1 disk; 1 documentation booklet; 4 students' leaflets; 6 worksheets

Craft, design, technology; Art; Design; Secondary education

0582270413

Contents: Pyra (introducing the principles of orthographic projection); Iso (understanding relationship of isometric/orthographic drawing); Build (converting third angle orthographic into isometric drawings); Grid and TD (simultaneous production of third angle orthographic and isometric drawing).

BBC 40t, 5.25" DFS; Nimbus/Network 3.5"; Archimedes compatible 3.5" disk.

11-16

Thorn sea

Cliffe, R.; Holst, D.; Druz, D.; et al.

Gravesend: Fernleaf Educational Software Ltd 1985

BBC B (disk); £11.26 BBC B (cassette); £8.65

Disk or cassette

Language; Primary education; Secondary education; Puzzles; Problem solving

Contained in The sea. Designed for use with small groups of children. A fishing boat owner with little money has a limited amount of time to make a profit. Involves decisions on how much to spend on maintenance, which fishing grounds to visit, length of trip, and where to sell catch.

8-12

Thorne spelling

Cole, Alan; Reagan, Helen; Sherratt, Clinton
Doncaster: RESOURCE

1988

BBC B; BBC Master 128; £10.95

1 disk; 1 documentation booklet

Spelling; English; Primary education; Special educational needs

A simple spelling test program, using a social sight and a standard word list, with option for user created word files. Promotes a basic level of spelling skill for a wide range of users. LEA/Regional licences and bulk purchase discount available

5.25" 40t DFS; 80t DFS available - £1.50 surcharge per disk

6+

Three acid-base cases

Cambridge: Biosoft

198-

Blanchaer Clinical Case Studies

Apple Macintosh; £50.00 (single simulation)
Additional simulations on same order £30.00

Disk; manual

Sciences; Biochemistry; Simulation; Sixth form education; Adult education; Further education

A 63 year-old man with chronic respiratory acidosis and metabolic alkalosis; a 15 year-old boy who overdoses with aspirin and a 69 year-old woman taking diuretics after myocardial infarct

3.5" disk requires Hypercard 1.2.1 or later

18+

Through the dragon's eye : adventure; (RM Nimbus version)

Smith, Peter

London: ILECC (Inner London Educational Computing Centre)

198-

RM Nimbus; £17.00; RM Nimbus network; £30.00

1 disk; 1 booklet

Reading skills; Mathematics; Puzzles; Primary education; Adventure simulation; Cross curriculum

This disk has eleven adventure games based on a dramatised story broadcast on the BBC for Schools 'Look and read'. Mathematical skills and reading ability is needed for the word games, but memory and general word knowledge are used in most of them. A version for the BBC computers is available from BBC Soft.

7-9+

Through the dragon's eye : adventure

Smith, Peter

London: BBC Enterprises /Longman-Logotron
1989

Look and read

BBC B; BBC B+; BBC Master 128; BBC Master Compact; £22.00

1 disk; documentation (1 booklet)

Adventure simulation; Language; English; Puzzles; Problem solving; Cross curriculum; Primary education; Computer games; Reading skills

0563229144 (BBC B, B+ & Master 128);
0563229322 (BBC Master Compact)

An adventure game in which children are invited to help the mighty dragon, Gorwen, save the magical world of Pelamar

7-11

Through the dragon's eye : storyboard

Weeks, Sue; Neville, Sophie; Allen Derek; (et al.)

London: BBC Enterprises / Longman-Logotron
1989

Look and read

BBC B; BBC B+; BBC Master 128; BBC Master Compact; £22.00

1 disk; documentation (1 booklet); 1 key strip; 1 concept keyboard overlay

Art; Design; English; Creative writing; Cross curriculum; Desktop publishing; Language

0563229160 (BBC B, B+, Master 128);

0563229241 (BBC Master Compact)

A simple desktop publishing program, which enables children to create, using words and pictures, their own versions of the story of the land of Pelamar. It can also act as a stimulus for other writing, drama, craft work and projects

7-11

Thundermonk

Exeter: Minerva Software

198-

Games

Acorn Archimedes; £14.95

Disk

Computer games; Puzzles; Problem solving; Primary education; Secondary education

User has to lead the Lonesome Monk through the labyrinths of the Monastery, collecting hidden treasures and using golden keys to unlock the doors of destiny

RISC OS compatible

5+

Tick Tack

Sephton, Anne; Sephton, David

Cambridge: Primrose Publishing

1990

Tick Tack

IBM PC and compatibles; Acorn Archimedes (IBM emulation); RM Nimbus; Apricot; BBC Master; Complete pack for one foreign language £295.00 Extra languages £95.00 Economy packs for schools £163.00 (extra languages £89.00)

Disk; 1 book in mother tongue; 1 book in target language; commercial wordlist in each language; 1 user guide/operating manual (multilingual word processor on disk)

Modern languages; English (second language); French; German; Spanish; Italian; Welsh; Portuguese; Dutch; Basque; Catalan; Norwegian; Swedish; Danish; Finnish; Swiss Romantsch; Indonesian; Greek; Turkish; Russian; Polish; Chinese (Pinyin); Secondary education; Sixth form education; Further education; General Certificate of Secondary Education; Business education; Word processing; Creative writing

Available in 25 languages. Multilingual 'authoring' package. Uses building-block sentences to create foreign text on screen, providing practice in handling the language,

building confidence through manipulating text on screen, and developing comprehension and creative writing skills. Uses built-in multilingual word processor to create and edit text (Tick-Tack Writer). Books also available in Chinese, Japanese and Arabic scripts. Original book version in English first published 1972. Software version first published 1982

IBM-PC/Nimbus version can be used on any MS DOS micros (3.5" or 5.25"). Site licence available for networking or multiple use. Word processor runs with all screen menus and messages in mother tongue and target language (including Russian, Greek, Turkish, Welsh, Gaelic, etc.). Special international Tick tack fonts allow most languages to be combined on screen and printed out together (Russian with Catalan, Greek with Turkish, French with Czech etc.). Ideal for electronic mail.

15+

Tick Tack Writer

Sephton, Anne; Sephton, David

Cambridge: Primrose Publishing

1990

Tick Tack

IBM PC and compatibles; RM Nimbus; Apricot; Acorn Archimedes (IBM emulation); 95.00 Economy version for schools; £49.00

Disk; user guide/operating manual

Modern languages; English; English (second language); Business education; Secondary education; Sixth form education; Further education; Adult education; General Certificate of Education; Word processing; Simulation; Creative writing; French; German; Spanish; Italian; Welsh; Portuguese; Dutch; Basque; Catalan; Norwegian; Swedish; Danish; Finnish; Swiss Romantsch; Indonesian; Greek; Turkish; Russian; Polish; Chinese (Pinyin).

First published in 1985

A new approach to word processing. Essentials can be learned in a few minutes. Can be used on any MS DOS micros (3.5" or 5.25"). Site licence available for networking or multiple use. Word processor can be run with all screen menus and messages in mother tongue or in 20 foreign languages. Special Tick Tack fonts allow most languages to be combined on screen and printed out together

11+

Tick-tock

Hitchin: James Nisbet & Co Ltd

198-

BBC B; £13.50

1 disk; full documentation

Cross curriculum; Mathematics; Infant school education; Primary education; Life skills

072021467X

The program aims to consolidate the various time-telling skills that the child must acquire: clock face, digital and colloquial time patterns of speech

6-10

TIG and Dart 2

MESU, Bristol SEMERC

Bristol: NCET/MESU, Bristol SEMERC
1986

BBC B; 40t; Jessop Turtle version;

1 disk; 1 documentation leaflet; 1 set of TIG overlays

Computer graphics; Mathematics; Problem

solving; Primary education; Secondary education; Language

Contents: TIG; Dart 2. For reasons of copyright TIG will be supplied without Dart. The TIG interface disc is not useable on its own. The appropriate form of Dart must be saved onto the disk, D-1, D-2 or D-3. (Instructions are given). TIG (Turtling in Glevum) is the name given to this set of seven files which are two structure sequences allowing young, less able children to control a floor turtle through a concept keyboard. For a demonstration of TIG see video: "Turtling in Glevum".

Tile 1

See: Mathematical investigations in the primary classroom

Tile 2

See: Mathematical investigations in the primary classroom

Tile 3

See: Mathematical investigations in the primary classroom

Tiles

See: Count, Tiles, Shape, Boxes, Sequences, Blocks 1 & 2, Clock, Stats and Logic 1.

Tiles 1

See: Games, activities and investigations volume 11

Tiles 2

See: Games, activities and investigations volume 11

Tiles 3

See: Games, activities and investigations volume 11

Tiling

Cave, P.
Houghton-on-the-Hill, Leicester: MUSE
(Microcomputer Users in Education)

1987
BBC B; £5.00

Disk; Documentation

Mathematics; Primary education; Secondary education

Allows the rotation of tiles, marked with two parallel lines. Can be used to give practice in using coordinates to create repeat patterns, line symmetry and rotational symmetry.

Tiling

See: Craftshop 2

Tillicoultry 3D physical landscape

Glasgow: CDG (Scotland) Ltd.
198.

3D physical landscapes

BBC B; BBC B+; BBC Master 128; £15.50
Acorn Archimedes; IBM PC; RM Nimbus;
£21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

Geography; Databases; Secondary education

Designed to take advantage of the potential of the Three Dimensional suite. Deals with aspects of land use, relief, roads, rocks, soils and slopes. Structured modular work units accommodate all ability levels; integrate computer procedures and assist in the acquisition of knowledge and understanding, developing enquiry, evaluation and analysis skills, etc. Optional Epson compatible screen dump (BBC/Nimbus only) available - £7.50 (BBC); £13.50 (Nimbus). Discounts available for purchase of any two or more datapacks - details from publishers.

Please state format required: BBC 40 or 80t disk; IBM PC (EGA/ECD only).

12-16

Time

See: Teaching with a micro : maths 3

Time for work

Boyes, Rod

Bradford: Brilliant Computing
1989

BBC B; BBC B+; BBC Master; £25.00
40/80; 2 disks; story book

Life skills; Puzzles; Problem solving; Primary education; Infant school education; Special educational needs; Computer games

Helps teach clock mechanics, linking this to ordinary events during a day. Contents: Clock mechanics (a number matching game; a tutorial on the clock face; a game comparing 2 clocks; a game comparing a clock to its written meaning); Time sequencing (a group of stories with words, pictures and speech; games to test user's understanding of sequences of events in the stories); Linking clocks to the real world (games using the same stories linked to the times of the day).

BBC 5.25" disk. Requires double sided disk-drive. Please state whether 40 or 80t required. Works with keyboard (space bar, shift lock, copy keys); 1 or 2 simple switches and an interface box.

6+

Time lines

Bartholomew, Anna; Ramsay, Tony

Longbridge Deverill, Warminster: Soft Teach Educational

1988

BBC B; BBC B+; £25.00; (Site licence; £50.00)
Acorn Archimedes (RISC OS); IBM PC compatibles; RM Nimbus; £30.00; (Site licence; £60.00) BBC Master 128; £27.50; (Site licence; £55.00)

Disk; manual; reference cards; worksheets

History; Databases; Primary education; Secondary education

0948808608

Allows pupils to scroll backwards and forwards through time and to zoom from a date to an era, thus bringing historical events into perspective. Allows for creation and incorporation of own databases. Includes general world history database. Printout facility. Extra databases available: European History, AD378-1500; European History AD1500-1914; £10.00 each. Bulk purchase discount available. Single site licences are available.

BBC 5.25" disk; RM Nimbus/Archimedes 3.5" disk; IBM PC: state size of disk required.
Database transfer from BBC machines to the Archimedes available

8-16

Time model one

Glasgow: CDG (Scotland) Ltd.

198-

BBC B; BBC B+; BBC Master 128; £15.50
Acorn Archimedes; IBM PC; RM Nimbus;
£21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

History; Databases; Secondary education; Sixth form education

1870307054

A model constructed to introduce the concepts of Continuity and Change by monitoring the changes which took place on a rural landscape between 1750 and 1984, tracing the impact of agricultural, housing, and industrial development through the years. Structured modular work units accommodate all ability levels; integrate computer procedures and assist in the acquisition of knowledge and understanding, developing enquiry, evaluation and analysis skills, etc. Optional Epson compatible screen dump (BBC/Nimbus only) available - £7.50 (BBC); £13.50 (Nimbus). Discounts available for purchase of any two or more datapacks - details from publishers.

Please state format required: BBC 40 or 80t disk; IBM PC (EGA/ECD only).

12-18

Time or distance series

See: Geography data processing. 1: Data presentation

Time or distance series

See: Ecology data processing. 1: Graphs and charts

Time quest

Newport, Lincoln: MEDUSA

198-

BBC B; BBC B+; BBC Master; £10.00

Disk; Teacher handbook

Life skills; Puzzles; Problem solving; Infant school education; Primary education; Computer graphics

An adventure program forming the core of a topic on the subject of time, in which children are challenged to elude the Time Sprite by solving a number of problems involving time.

4-11

Time sequencing

See : Time for work

Time series analysis

Nugus, S.; Remenyi, Dan

Barnet: Glentop Press Ltd

1989

Templates for Lotus 1-2-3 and Lotus symphony
IBM PC and compatibles; £50.00

Disk

Business education; Information handling;

Statistics; Computer graphics; Secondary education; Further education; Adult education

Decomposes data into trend, seasonal factors and residue, quarterly data over a 3 year period and a forecast for the following 3 years is produced. Provides data input form for the entry of historic data. Output report gives forecast figures graphically or as data files for future use in a budgeting system.

5.25"/3.5" disk

16+

Time traveller

Coventry: esm; NCET/MESU

1990

BBC B; BBC Master; £37.50

3 disks; 2 books

Primary education; Secondary education

A flexible framework program enabling pupils and teachers to construct timelines and develop chronological skills. Includes data disk with information on the last century, case studies and classroom Inset. Licensing agreements/large bulk orders: details from the publishers.

40t disk

5+

Time travellers' London

Delmonte, E.J.

Ashton-under-Lyne: Granada Educational Software

1989

BBC; RML 480Z; £25.00

Disk; support materials

History; Primary education

A group of pupils select a period of history, and are presented with assignments to undertake.

Disk (1/4")

7-11

Time trucker

Walton, Don

Wisbech, Cambridgeshire: esm

1984

Primary maths software box

BBC B; BBC B+; BBC Master 128; £13.75

40t; 80t; 1 disk

Mathematics; Life skills; Primary education; Computer games

The user plays the part of a trucker, needing to tell the time quickly and accurately, and understand the relationship between the 12 hour analogue and 24 hour digital clock, in order to drive a truck around a grid, collect and deliver orders and earn as much money as possible in a given time. Contained in Primary maths software box.

BBC 5.25" disk

8-14

Timed data analysis

Garland, John M.

Plymouth: Garland Computing

1985

BBC B; BBC B+; BBC Master 128; £16.00

Disk

Databases; Information handling; Computer

graphics; Secondary education; Sixth form education; Further education; Cross curriculum

Intended for manual entry of data from scientific experiments or observations. Allows sets of readings (up to 2000 points) entered in chronological order to be displayed and analysed, with some analyses including printout graph of all or selected data; determination of rates of change between points; areas under curves and basic statistics on the data. Site licences, multiple copy discounts available; details from publisher

BBC 40 or 80t (please specify)

12-16+

Timeflip

See in Evolve

Timeman 1

Bourne Educational Software Ltd

1983

BBC B cassette; Acorn Electron cassette; Amstrad CPC 464 cassette; £9.95 BBC B (disk); £14.95

1 cassette/disk; 1 booklet

Mathematics; Personal and social education; Infant school education; Primary education; Computer games

A program for telling the time and setting the clock, through easy stages of hours only; minutes only; hours and minutes together. A correct answer advances a man two rungs up a ladder; a wrong answer brings him down one rung. At the top, he dances a jig and plants a flag.

BBC 5.25" disk; 40/80t. BES Monitor facilities.

4-9

Timeman 2

Bourne Educational Software Ltd

1983

BBC B Cassette; Acorn Electron Cassette; Amstrad CPC 464 Cassette; £9.95 BBC B (disk); £14.95

1 cassette/disk; 1 booklet

Mathematics; Personal and social education; Infant school education; Primary education; Computer games

Enables children to understand the 24 hour clock; minutes to the hour; quarter past; half past and quarter to the hour. A follow on from Timeman 1; but can be used independently.

BBC 5.25" disk; 40/80t. BES Monitor facilities.

4-10

Timeset

Lancaster: Syndicate Software

BBC B; BBC B+; BBC Master; £11.95

Disk; function key template; concept keypad overlay

Life skills; Special educational needs; Primary education; Secondary education

A set of programs to teach telling the time, - clock, digital and 24-hour, with options including o'clock, half, quarter, five minute intervals, past, to, fast/slow, conversions from digital to clock-face with one minute intervals and vice versa and setting and checking the real time

40t s/s, d/d disk; compatible with 128 key concept keypad (please specify whether A3 or A4 overlay required)

5+

Timeslip

See: Entertaining English

Times-tables

See : Monster maths

Timetable

Chepstow: AVP Computing

BBC B; BBC B+; BBC Master 128; £24.50

Schools; administration; Timetables; Secondary education

A timetable analysis package suitable for use in all schools. The pupils' timetables are used for purposes such as listing all pupils doing a single subject or combination of subjects, calculating the percentage of any number of classes doing a number of different subjects, as well as printing class lists and pupils' timetables.

Timetabler

Exeter: Minerva Software

198-

Acorn Archimedes; £688.85

Disk

Schools; Timetables

Calculates a timetable; holds details of streams, staff and rooms with student data if required; days may be defined with variable period lengths; special class or teacher requirements catered for manually or automatically. Wide range of reporting facilities - e.g. register lists of students, covering staff in case of staff illness, etc.

Timetables

Glasgow: Collins Educational

198-

Microspecial

BBC B; BBC B+; £20.00

Disk; documentation; teacher notes

Mathematics; Cross curriculum; Life skills; Puzzles; Problem solving; Special educational need; Secondary education

A friendly, flexible program using a problem solving, structured approach, allowing teachers to design an individualised program, controlling difficulty level and altering data to suit requirements of pupils. Includes monitoring and assessment facility. Suitable for either individual or group use. Contained in Microspecial pack. Documentation available separately. Bulk purchases and site licences available - details from publishers.

11-15

Timetabling : OPT1-6

Johnson, Keith

Birmingham: Hutchinson Software

198-

BBC; PET; RML 380Z; £30.00

Disk or cassette

Schools; Timetables; Administration

Contains the six option programs from the book Timetabling - a complete, practical guide to timetabling in schools.

BBC disk or cassette; PET disk or cassette; RML 380Z disk; Apple II disk

Timetabling : TT10 and TT11

Johnson, Keith

Birmingham: Hutchinson Software

198-

BBC B; BBC B+; BBC Master; £40.00

Disk; Handbook

Schools; Administration; Timetables

Allocate room preferences and print out individual and master staff, class and room timetables. Linked to TT7, TT8, TT9. Also contained in Timetabling: TT7, TT8, TT9, TT10 and TT11.

Require BBC B; BBC B+ or BBC Master with DF5 & (colour) monitor, Epson-compatible printer, 40 track twin disk drives. (A second processor is not needed.)

Timetabling : TT1-6

Johnson, Keith

Birmingham: Hutchinson Software

198-

BBC; PET; RML 380Z; Apple II; £16.00

Disk or cassette

Schools; Timetables; Administration

Contains the six timetabling programs from the book Timetabling - a complete, practical guide to timetabling in schools.

BBC disk or cassette; PET disk or cassette; RML 380Z disk; Apple II disk

Timetabling : TT7, TT8, TT9, TT10, TT11

Johnson, Keith

Birmingham: Hutchinson Software

198-

BBC; £120.00

Disk; Handbook

Schools; Timetables; Administration

A suite of three scheduling programs which will allow a range of scheduling from fully-interactive to fully-automatic, together with two linked programs that automatically allocate room preferences and then print out individual and master staff, class and room timetables.

Requires BBC B; BBC B+ or BBC Master with DF5 & (Colour) monitor; Epson-compatible printer, 40t twin disk drives. (A second processor is not needed.)

Timetabling : TT7, TT8, TT9

Johnson, Keith

Birmingham: Hutchinson Software

198-

BBC B; BBC B+; BBC Master; £85.00

Disk; Handbook

Schools; Timetables; Administration

A suite of three scheduling programs. Also contained in Timetabling TT7, TT8, TT9, TT10 and TT11

Timeworks

London: Wida Software Ltd; Timeworks

198-

MS DOS; £95.00

Disk

English; Language; Modern languages; Desk-top publishing

Desk-top publishing package including GEM environment. Supports dot matrix and laser printers. Two fonts (Dutch, Swiss) supplied; others can be used if supported by printer.

MS/DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1MB memory & IBMulator.

11+

Timing package

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master Compact; Electron (BBC DFS); £24.50 Econet; £55.50

Disk; notes

Physics; Computer studies; Control technology; Secondary education; Sixth form education; Further education; General Certificate of Secondary Education; A Level Examinations

Enables the BBC micro to act as an intelligent timer for applications in Physics. Ten different modes of operation include input monitor; reaction timer and stop-clock; measurement of time, speed and acceleration; detailed breakdown of speeds and times required for an acceleration calculation; plotting speed-time and distance-time graphs.

Only specify 80t if you cannot use 40t disks. Needs interfacing with cheap, light-activated switches.

14-18

Tinybits

Northampton: Northamptonshire Computer Education Centre

198-

RM Nimbus; £17.00

Disk; documentation

Control technology; Puzzles; Problem solving; Infant school education; Primary education

A control program providing an exciting and motivating problem solving environment, with commands depicted as icons on screen. Commands can be sequenced together to build small procedures and include sound, repeat, forward, back, slow, fast and wait. Bulk purchase discounts and licences available - details from publishers.

5+

Tinydisk 1

Northampton: Northamptonshire Computer Education Centre

198-

RM Nimbus; £15.00

Disk; documentation

Art; Design; Craft, design, technology; Infant school education; Computer graphics

Contents: Tinydraw (an art/drawing program); TinyLogo (a logo type computer language similar to Arrow in which noise, coloured inks, sequencing, speed and repeat facilities are included). Commands are depicted on screen as icons. Bulk purchase discounts and licences available - details from publishers.

Mouse operated

5-7

Tinydisk 2

Northampton: Northamptonshire Computer Education Centre

198-

RM Nimbus; £15.00

Disk; documentation

Word processing; Creative writing; Infant school education; Content free programs

Contents: Tinyword - a simplified version of the Myword program. Basic word set is shown on screen, and includes sample 18 words of a child's early sight vocabulary. Includes content free option for teacher input of specific words. Bulk purchase discounts and licences available - details from publishers.

5-7

Tinydraw

See: Tinydisk one

Tinylogo

See: Tinydisk one

Tinypuzzle

Northampton: Northamptonshire Computer Education Centre

198-

RM Nimbus; £10.00

Disk; documentation

Puzzles; Problem solving; Infant school education

An infant version of the Puzzle program, with the menu in the form of icons. Based on the Freddy Teddy theme. Allows pictures from PaintSPA to be incorporated. Bulk purchase discounts and licences available - details from publishers.

Mouse operated

5-7

Tinyword

See: Tinydisk two

Titanic

Wisbech, Cambridgeshire: esm

198-

BBC B; BBC B+; BBC Master 128; £59.95

6 disks; task and information cards, reference and resource materials

History; Information handling; Primary education; Secondary education; Simulation

Children learn to handle data, use historical evidence, make decisions and use books, reports, newspapers and maps in the process.

BBC 5.25" disk

10-14

Titration

Grilli, David;

Plymouth: Garland Computing

1984

Chemistry: collection 1

BBC B; BBC B+; BBC Master 128; £13.85 Econet; £31.50

Disk

Chemistry; Secondary education; Computer graphics; Simulation

Simulation of acid-based titrations; a graphical

display and the use of questions encourage understanding of acidity and basicity. Contained in Chemistry disk 1 collection. Site licences, multiple copy discounts available; details from publisher

BBC 40 or 80t (please specify)
13-16

Titrations

Thorpe, J.A.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1984

BBC B; RM Nimbus; £6.00

Disk

Chemistry; Sciences; A level examinations; Secondary education

Helps with A level titration problems. Includes acid/base, manganate (VII), iodine/thiosulphate and silver nitrate. Equations, indicators, molarity and concentration to be determined.

TML Pascal 3

Edinburgh: Apple Developers Group

198-

Apple Macintosh; £125.00

Disk

Computer programming; Programming languages

Uses the MPW shell programming environment, version 2.02 of which is included in the package. Can be used to create applications, MPW tools, desk accessories, definition procedures and HyperCard XCMDs and XFNS. Other facilities include complete Object Pascal support; compilation of MacApp; 68020 code generation; 68881 floating point operations and trigonometric functions; complete interfaces to the Macintosh Toolbox.

Works on any Macintosh larger than a Macintosh Plus with 1Mb of memory and a hard disk; for large projects more than 1Mb is recommended.

TML source code library

Edinburgh: Apple Developers Group

198-

Apple Macintosh; £50.00

Disk

Computer programming; Programming languages; Utilities

A collection of 18 example TML Pascal applications, with over 1Mb of source code. Programming applications demonstrated include addressing printers, serial drivers, MacinTalk speech, standard file dialogues, split-scrollable windows and pop-up menus.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

To school carefully

Humberside County Council Road Safety Department

Gravesend: Fernleaf Educational Software Ltd
198-

BBC B (cassette); £8.65

Cassette; documentation

Language; Life skills; Primary education; Puzzles; Problem solving

Contained in Road safety project. Designed for

use with small groups of children. The program involves planning a route from home to school as carefully as possible. Three levels of difficulty

Cassette only

7+

Tombs of Arkenstone (2nd ed)

Hart, Robert

Leeds: Arnold-Wheaton Software

198-

BBC B; BBC B+; BBC Master 128; £19.50

1 disk; 1 user guide; 1 story book; 1 map

History; English; Mathematics; Art; Craft, design, technology; Computer programming; Primary education; Secondary education; Adventure simulation; Content free programs

The program can be used to introduce children to computer programming, creative writing, drama, art and craft. Through the adventure game they can progress to write their own adventure games

5-14

Toolkit plus

Northwich: Clares Micro Supplies

198-

Acorn Archimedes; £49.95

Disk; manual

Utilities; Information handling; Computer studies; Secondary education

Provides many commands to search a disk for filenames including wildcards, specified filetypes, files between specific dates or a combination of these. Includes archiving, handling files larger than 800k and designed to cope with disk faults on both hard disks and floppies

3.5" disk

Top gear

London: ITV Schools

198-

BBC B; BBC B+; BBC Master 128; £28.75

1 disk

Sciences; Problem solving; Secondary education; Information handling

Extends skills in data handling, problem solving and decision making. Pupils take responsibility for clothing a climber on a Himalayan expedition. Also contained in: Scientific eye (price £28.75). Associated ITV Schools programme: Scientific eye.

5.25", DFS

11-13

Top ten mental mathematics

Watson; Quin; Aitkin

Glasgow: Collins Educational; Holmes McDougall Educational Publishing

198-

BBC B; £10.95

Disk

Mathematics; Infant school education; Primary education; Secondary education

0715726005

Computer software supporting the Top-ten Mental Mathematics 1-5 scheme. Includes 60 tests which, when completed, display the result

and recommend which test should be tackled next. Includes material on all important aspects of mathematics

5+

TopCAD

Ruislip: Desktop Engineering Systems

198-

Apple Macintosh; £1,247.00 (1 copy); £748.00 (2-10 copies); £498.00 (11-24 copies); £250.00 (25+ copies)

Disk

Computer assisted design; Design; Craft, design, technology; Engineering; Electronics; Utilities

A CAD program rewritten for the Macintosh from a Unix, VMS background. Contains over 500 commands which can be combined to produce user-defined multiple commands. Features include ability to open ArchiCAD files; range of drawing primitives; ability to create symbols from the primitives; 256 layers; 128 line types; fillets and chamfers; grids and snap facilities; NC command for CAM interface; support for IGES, DXF, PICT file formats.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Topics for GCSE

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £19.50 BBC Master Compact; £21.70 RM Nimbus; IBM PC and compatibles; £24.50 RM Nimbus network; (up to 16 machines) £45.00; (up to 48 machines) £65.00 Econet; £58.50

Disk

Chemistry; Secondary education; General Certificate of Secondary Education

Contents: Chemical apparatus (covers the most common apparatus used in GCSE Chemistry); Making bases and salts (shows how the properties of a compound determines how it is made; tests simple salt preparation); Chemical equations (provides practice in writing formulae and equations); Common gases (illustrates/tests preparation of 7 gases).

Only specify 80t if you cannot use 40t disks.

13-16

TopLine accounting system

Barnet: Glentop Press Ltd

198-

Topline accounting software

IBM PC and compatibles; £350.00

Disk

Business education; Schools; Accounting; Databases; Spreadsheets; Secondary education; Further education; Adult education

A complete accounting package, including sales/purchase ledgers; desktop environment; nominal ledger; stock control; spreadsheet (1-2-3 Compatible); Sales order processing; invoicing; purchase order control; names and addresses database, with all functions fully integrated. Includes 60 standard management reports and full report generator

16+

TopLine book manager

Barnet: Glentop Press Ltd

198-

* TopLine accounting software

IBM PC and compatibles; £85.00

Disk

Business education; Schools; Accounting; Educational administration; Databases; Secondary education; Further education; Adult education

A simple to use package, including 25 reports and built-in report generator; covers VAT; includes aged analyses of debtors and creditors. Desktop environment provides on-line access to features such as text processor, diary, calculator, names and addresses database and purchase and stock information.

16+

TopLine business manager

Barnet: Glentop Press Ltd

198-

Topline accounting software

IBM PC and compatibles; £225.00

Disk

Business education; Schools; Accounting; Educational administration; Secondary education; Further education; Adult education

Includes all the facilities of Book manager, plus many more to give greater control. The extensive stock control, with a full parts explosion and nominal ledger provide all the facilities needed

16+

TopMail : version 4.0

Cambridge: Humper Computer Interface Ltd.

198-

Apple Macintosh; £250.00; £25.00 for upgrade from earlier version

Disk

Communication

A simple AppleTalk electronic mail system. Features include groups; (allows message to be sent to all in a defined group using a group name); notify (provides feedback that message has been read); Mailread (copies messages into text document for future processing); Zones (allows messages to be sent across LocalTalk zones in large networks); ability to attach any application/data file to a message; immediate alert of message arrival; Mail Server storage; password security over access to messages; automatic log-in availability.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Topol

See: MAPE tape 4 on disk (BBC version)

Topomap and Choromap

St. Just: MJP (Michael Jay Publications)

198-

BBC B; BBC B+; BBC Master; £47.50 RML Nimbus; details from publishers

Disks

Geography; Computer graphics; Statistics

Contents: Topomap; Choromap. Programs available separately.

BBC 40t disk unless otherwise requested

Topomap 2

St. Just: MJP (Michael Jay Publications)

198-

BBC B; BBC B+; BBC Master; £19.95 RML Nimbus; details from publishers

Disk

Geography; Computer graphics

Allows 3D block diagrams to be made from map, field or census-type data. Available in package with Choromap (£47.50).

BBC 40t disk unless otherwise requested.

Tops : version 2.0

London: Go-Mark Ltd.

198-

Apple Macintosh; £175.00 per network station

Disk

Communication

A file server allowing transparent file sharing between different types of computer; useful for both Macintosh-only networks and situations requiring integration of the Macintosh with IBMs and compatibles or Sun workstations on a network. Each computer requires TOPS and access to a LocalTalk network, via a LocalTalk card for IBM PCs and Sun workstations. Does not require a dedicated file server - any stations with a hard disk may act as a server, client or workstation at the same time. Supports auto-publishing and mounting of volumes.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Torch

Lee, M.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1984

BBC B; £6.00 Disk

English; Language; Reading skills; Spelling; Primary education; Computer games

Interactive program similar to "hangman" but randomly selects one of ten stories. Users deduce the missing letters and discuss the meaning of the text.

Tortoise

Scott, W.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1985

BBC B; £8.00

Disk; Documentation

Mathematics; Primary education; Secondary education; Computer games

Three programs designed to provide practice in timed mental arithmetic. The games are graded with respect to the level of difficulty and response time.

Touch 'n' listen

RCEVH (Research Centre for the Education of the Visually Handicapped)

Oldham: Northwest SEMERC

198-

BBC B; BBC B+; BBC Master 128; £14.00

2 disks

Special educational needs; Life skills; Infant school education; Primary education; Secondary education; Further education; Adult education

For very young children, including visually handicapped, or multi-handicapped people of all ages. Provides an early introduction to the touch screen, associating one of some 20 tunes with different areas of the Concept keyboard or the touch screen.

Input via touch screen or Concept keyboard.

5+

Touch 'n' match

RCEVH (Research Centre for the Education of the Visually Handicapped)

Oldham: Northwest SEMERC

198-

BBC B; BBC B+; BBC Master 128; £14.00

Disk

Special educational needs; Life skills; Infant school education; Primary education; Secondary education

For young children, including the visually handicapped with some sight or the less able, multi-handicapped. Develops matching, discrimination and sequencing skills, as user chooses from 14 different games within the program.

Input via touch screen or Concept keyboard or joystick or Micromike or BBC keyboard

5+

Touch 'n' paint

RCEVH (Research Centre for the Education of the Visually Handicapped)

Oldham: Northwest SEMERC

198-

BBC B; BBC B+; BBC Master 128; £21.00

3 disks

Art; Design; Special educational needs; Life skills; Infant school; education; Primary education; Secondary education

For young children, including visually handicapped with some sight, or the less able multi-handicapped. Acts as early introduction to painting and colours, enabling user to play with or create a multi-coloured picture on screen. Features variety of ways in which a picture can be revealed, hidden or coloured in.

Input via touch screen.

5+

Touch basics

Clements, Virginia

Bradford: Brilliant Computing

1987

BBC B; BBC B+; BBC Master; £10.00

Disk; manual

Mathematics; Spelling; Reading skills; Puzzles; Problem solving; Infant school education; Primary education; Special educational needs

5 programs for use with the touch screen. Contents: Counting dice (1-6); Adding with dice (the sum of 2 dice); Capital letters; Small letters; Spell your name.

BBC 5.25" disk; works only with Microvitec 501 Touchtech touch screen.

6+

Touch explorer plus

MESU, Special Needs Software Centre; King,

David (design / documentation); Leedale, Rik (programmer) (et al.)

Coventry: NCET/MESU

1988

BBC B; BBC B+; BBC Master; £17.50

3 disks; book; overlay set; documentation

Content free programs; Authoring aids; Cross curriculum; Primary education; Secondary education; Special educational needs

1853790079

A framework program for the concept keyboard, which can be used across the age, curriculum and ability range. Allows user to enter the topic of their choice in the overlay framework and build up information through a succession of overlay levels. Documentation provides illustrations of creating/editing overlays, and explores classroom use of the Midnight World sample overlays included.

40t. For Concept keyboard.

5+

Touch games 1

Boyes, Rod

Bradford: Brilliant Computing

1988

BBC B; BBC B+; BBC Master; £15.00

Disk; manual

Language; Puzzles; Problem solving; Infant school education; Preschool education; Primary education; Special educational needs; Computer games

6 programs for pre-readers using the touch screen, with audio and visual rewards, and options to control difficulty levels: Catherine wheels (user lights catherine wheel); Rockets (user makes rocket zoom off); Bigmouth (follows user's finger around screen; or user touches Bigmouth and his snacks); Honey Bee (user leads bee to a flower); Memory doors (user touches the door a jogger has hidden behind); Mixed up motorway (user sorts a row of up to 4 vehicles in 4 colours).

BBC 5.25" disk; 40/80t; works only with Microvitec 501 touch screen.

4-16

Touch games 2

Boyes, Rod

Bradford: Brilliant Computing

1989

BBC B; BBC B+; BBC Master; £15.00

40/80; Disk; manual

Language; Puzzles; Problem solving; Infant school education; Preschool education; Primary education; Special educational needs; Computer games

5 touch screen programs for pre-readers, with audio and visual rewards, and options to control difficulty levels: Buzz off (user makes creepy-crawly disappear); Wake up (user wakes up dozing bird/animal); Magic painting (user colours picture using finger or paintbrush, in up to 8 stages); Sunday driver (user leads car along a road); Bits and pieces (users puts features in right places on blank face. Includes "Getting dressed" and "Spotty dog" options).

BBC 5.25" disk; Works only with Microvitec 501 touch screen.

4-16

Touch in pairs

RCEVH (Research Centre for the Education of the Visually Handicapped)

Oldham: Northwest SEMERC

198-

BBC B; BBC B+; BBC Master 128; £7.00

Disk

Special educational needs; Life skills; Infant school education; Primary education; Secondary education

For young children, including visually handicapped with some sight, or the less able, multi-handicapped. A memory test, 'Pelmanism': type of program where the user has to uncover a matching pair of items. Complements the touch 'n' match disk.

Input via touch screen or Concept keyboard or joystick or Micromike or BBC keyboard.

5+

Touch it

See: Just touch and touch it

Touch OSI

Exeter: Maxima Communications plc

198-

Apple Macintosh; £55.00 (Macintosh client); from £3,495.00 (VMS server)

Disk

Communication; Utilities

A software range allowing different computer makes to communicate transparently over a network. Uses Open Systems Interconnection protocols. Provides complete distributed file system for transferring access to files on a remote Touch OSI server; supports remote printing; extends off-the-shelf terminal applications across a network. Includes menu-driven utilities for fast user set-up and configuration.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Touch screen directions

RCEVH (Research Centre for the Education of the Visually Handicapped)

Oldham: Northwest SEMERC

198-

BBC B; BBC B+; BBC Master 128; £7.00

Disk

Special educational needs; Life skills; Infant school education; Primary education

For young children, including the visually handicapped with some sight and the less able, multi-handicapped. Assists in the formation of the concepts of up, down, left and right with four programs providing left-right practice; up-down practice; matrix practice; and four bars practice. Allows sound, colour and size to be altered to suit individual needs.

Input via touch screen.

5+

Touching sound

Coventry: NCET/MESU

1990

BBC Master; details from publishers Acorn Archimedes; £15.00

Disk; documentation

Music; Primary education; Secondary education; Special educational needs

Designed to enable pupils of all abilities to explore and create sound, using the computer

as a musical instrument. Licensing agreements/bulk purchase orders: details from publishers.

Can also be operated by joysticks; single switch; or touch screen.

5+

Tourism and leisure

Sheffield: COIC Software

198-

BBC B; BBC B+; BBC Master 128; BBC Master Compact; Acorn Archimedes; RM Nimbus; IBM PC £30.00 Master ADFS - details from producers

Disk; manual

History; Careers; Geography; Personal and social education; Databases; Simulation; Secondary education; Sixth form education; Further education

Database to which users can add own local data on tourism. Simulation enables user to take on role of regional tourist development officer. Involves group work.

BBC B, B+, Master 128 (40t disks); Master Compact; Archimedes (3.5" disks); Nimbus (3.5" 720k). 40 or 80 track drive and colour monitor essential; parallel printer advisable. 5.25" disk versions run under DFS operating system

14-18+

Tourist

See: Making connections

Town

Low Attainers Project

Newcastle Upon Tyne: Northern Micromedia

198-

BBC B; BBC Master; £12.50 BBC Master Compact; £14.50

Disk; resource pack

Cross curriculum; Personal and social skills; Primary education; Secondary education; Simulation

A simulation of a journey from home to town to meet friends. The player, who has a fixed sum of money and has arranged the meeting at a set time, encounters various incidents on the journey. At the end, a summary is presented and a questionnaire produced.

7-13

Town game

See: Hereward the rebel.

Toy control programs

Lancaster: MARDIS

198-

BBC; £3.50

Disk

Special educational needs; Computer games

4 programs to control a toy (through the MARDIS or MICREX interface boxes) or a cassette recorder (connected to the CASSETTE socket on the BBC Micro). Contents: Sound play (switch must be pressed when a sound occurs to make the toy/cassette recorder play); Bar (switch must be held down for specified period to make toy/cassette recorder play); Repeat press (switch must be pressed a specified number of times to make toy/cassette recorder play); Frog (pressing the switch as a frog hops

around a circuit of squares turns the toy/cassette recorder on/off as the colour of the squares change)

Toy quest

Moore, Peter; Hodgson, Clive; Grigor, Sue; Etherington, Carol; Muxworthy, Ann; Davison, Alan

Newcastle upon Tyne: Northern Micromedia 1987

RM Nimbus; £15.00

1 disk; 1 pupils' help booklet; 1 documentation booklet; 11 plan cards; 16 picture and help sheets; 1 copy instruction sheet

English; Language; Puzzles; Problem solving; Creative writing; Adventure simulation; Primary education; Secondary education

An adventure program where the user hunts for toys and dragons' eggs in a land of giants, dragons and nursery rhyme characters. Aims to encourage group discussion, cooperation and decision making and to develop inf inference skills, and spatial awareness.

9-13

Toybox

Backwell, Bristol: Arrowsoft Educational Software

198-

BBC B; BBC Master; £13.50

Disk

Language; Reading skills; Puzzles; Problem solving; Preschool education; Infant school education; Primary education

A follow on to Look Alike: 5 further exercises in perception based upon the 'Beetle' game, playable by one person against the computer or by two people together. Exercises figure-ground perception; helps develop pre-reading skills. Optional sound to reinforce learning.

Concept keyboard compatible

3-8

Toybox

See: Oxo, Battle, Maze, Pairs, Toybox.

Toyshop

See: Games, activities and investigations : volume 2.

Tracks in the snow

See Problem solving skills

Traffic

See: Teaching with a micro : maths 2

Traffic flow

See: Urban studies : programs for fieldwork

Traffic simulation program

See: Designing software projects

Trains

See: Robot / Trains / Routes / Postman

Trains

See: Microprimer software : pack 2

Trains

See: Games package

Trajectory

Grace, A.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1984

BBC B; £4.50

Disk

Physics; Sciences; Secondary education

Plots the trajectory of a projectile (without air resistance). Choice of elevation and initial speed. Range, maximum height and flight time shown.

Trans

Wheatley: Oxfordshire County Council, Computer Education Unit

1987

RM Nimbus/Network; £25.00 RML 380Z/480Z/Network; £25.00

Disk; documentation booklet

Mathematics; Geometry; ; Secondary education; Art; Design; Craft, design, technology; Computer graphics; Transformation

A program for investigating transformation geometry. Allows shapes to be defined by coordinates, or by the cursor, and transformations to be entered numerically or in matrix form. Allows transformations to be combined; to be used to produced pictures/patterns which can be printed. Bulk discounts/LEA licences available. Extra copies of booklet £5.00.

RM Nimbus/Network 3.5" disk; RML s/d 5.25" disk for RM 480Z L4 or L5 with disks or on network; RM 380Z with disks, 56K memory and high resolution graphics.

11-18

Transcribe

RCEVH (Research Centre for the Education of the Visually Handicapped)

Oldham: Northwest SEMERC

198-

BBC B; BBC B+; BBC Master 128; £7.00

Disk; documentation

Special educational needs; Life skills; Infant school education; Primary education; Secondary education; Further education; Adult education

For sighted people learning Braille, testing user transcribing from print to grade 2 Braille; covers lessons 1-20 of the Braille Primer. As each cell is entered it is checked and the user made aware of any errors which can then be corrected.

Input via adapted Perkins Braille or BBC keyboard

Transcription

See: Molecular Biology Series

Transformations

Chepstow: AVP Computing

Educational Software TOY - TRA

198-

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £24.50 Acorn Archimedes; £24.50 Econet; £58.50

Disk

Geometry; Secondary education

Allows user to investigate combinations of the simple transformations, rotation, enlargement, reflection, translation, and shear with an animated display of up to five successive transformations. Includes graph program which which draws 3 graphs in different colours where function input is in algebraic form.

Only specify 80t if you cannot use 40t disks.

14-16

Transient/alternating currents

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £19.50 BBC Master Compact; £21.70 IBM PC and compatibles; RM Nimbus; £24.50 RM Nimbus network; (up to 16 machines) £45.00; (up to 48 machines) £65.00 Econet; £58.50

Disk

Physics; Electronics; Secondary education; Sixth form education; Further education; A Level Examinations; Simulation

Programs simulating the behaviour of important electrical circuits, producing graphs clearly showing this behaviour. Allows new circuit values to be entered and their effect to be quickly shown.

Only specify 80t if you cannot use 40t disks.

16-19

Translation

See: Molecular Biology Series

Transpiration

Garland, John M.

Plymouth: Garland Computing

1985

Plant biology simulations

BBC B; BBC B+; BBC Master 128; £13.85 Econet; £31.50

Disk

Biology; Secondary education; Sixth form education; Further education; Computer graphics; Simulation

A simulation of the effects of humidity; wind-speed; temperature and light intensity on transpiration. Contained in Plant biology : disk 1 collection. Site licences, multiple copy discounts available; details from publisher

BBC 40 or 80t (please specify)

16+

Transpiration

See: Biochemistry and plant physiology pack

Transport networks

See MEP/GAPE Project geography programs

Transport pack

Harlow: Longman Micro Software

198-

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; Acorn Archimedes; £45.00 Econet levels 2 & 3; SJ file server; AMCOM E-net; RM Nimbus/Network; £55.00

Disks; teachers' guides; students' leaflets

Environmental studies; Business education; Geography; History; Secondary education; Sixth form education; Further education; Simulation 058227091X

Contents: Motorway route (develops awareness of impact of new motorways on the environment); South Eastern Railway game (a competitive simulation in which two companies try to make profits whilst building/operating rival railway networks); Hill railway (students plan route across a contour map using grid references and then plan the gradients of a railway line)

BBC 40t, 5.25" DFS; BBC 80t, 5.25"; Archimedes 3.5"; Nimbus/Network 3.5" disk 14-18

Transport 1

See: Basic package

Transport 2

See: Basic package

Transpots

ITMA

Harlow: Longman Micro Software

198-

BBC B; BBC B+; BBC Master 128; £30.00 BBC Econet; SJ file server; AMCOM E-Net; £40.00

Disk

Mathematics; Geography; Secondary education; Sixth form education; Further education; Puzzles; Problem solving

Introduces problem solving/logic in considering the problem of locating a factory in south west England for manufacturing goods with china clay as a main raw material.

BBC 40t, 5.25" DFS disk; BBC 80t, 5.25" disk. 11-18

Trapdoor

TRILOG

Abingdon, Oxford: Whittle Systems

198-

IBM PC; IBM PC AT; IBM PS/2; Apricot PC; Apricot XI; Apricot XEN; RM Nimbus; £49.95

Disk

Utilities

A powerful easy to use debugging aid. Features include pass points, not just breakpoints; full 8086, 80186, 80286, 8087 dissembler; modify memory; check block of memory for changes; search for patterns or strings; compare two different memory areas on same screen.

Trapeze

Glasgow: Persona TMC Ltd

198-

Apple Macintosh; £249.00 (£1,245.00 for 10-pack)

Disk

Spreadsheets; Databases; Information handling; Computer graphics

An integrated presentation worksheet, combining spreadsheet, data analysis, text, charting and graphic capabilities. Provides flexibility in output and extensive mathematical functions, including integration, simultaneous equation solving; matrix arithmetic and a full range of statistical facilities.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Trapezium rule

See: Iteration formulae and graphs

Travel agent and Air traffic control

London: ITV Schools

198-

BBC B; RML 480Z; £15.00

Disk

Problem solving; Primary education; Secondary education; Simulation; Computer games; Mathematics; Geography

Encourage decision-making and group activity. Contents: Travel agent (simulates computer systems used by travel agents); Air traffic control (pupils act as air traffic controllers facing an emergency). Associated ITV Schools programme: The micro at work

BBC 5.25", DFS

9-13

Trawlers

See: WSS biology pack 3

Tray

Wheatley: Oxfordshire County Council, Computer Education Unit

1986

RM Nimbus/Network; £21.00 RML 380Z/480Z/Network; £20.00

Disk; documentation booklet

Language; English; Modern languages; French; German; Secondary education; Primary education

Encourages careful study of the structure of language. Requires a word processing program such as Write, to enable teacher to type text into the computer. Tray hides the passage, replacing each letter with a dash. The text is then revealed through 'buying' letters and predicting text. Nimbus version supports use of accents for French/German text. Bulk discounts/LEA licences available. Extra copies of booklet £4.00.

RM Nimbus/Network 3.5" disk; RML s/d 5.25" disk for RM 480Z L4 or L5 with disks or on network; RM 380Z with disks, 56K memory and high resolution graphics

5-18

Tray

London: Capital Media

198-

BBC B; RML 480Z; £4.00

Disk

Language; Reading skills; Spelling; Primary education; Secondary education; Special educational needs

Originally designed to help secondary aged

pupils with reading problems discover that they could, in fact, read.

BBC 40t s/s, s/d disk; RML 480Z d/s, d/d disk 5+

Treasure

Dary, J.

Gravesend: Fernleaf Educational Software Ltd 198-

Thinking mathematically : series 1

BBC B (disk); £11.26 BBC B (cassette); £8.65 Spectrum - coming soon

Disk or cassette

Mathematics; Primary education; Puzzles; Problem solving; Computer games

Contained in Arithmetic plus. Designed for use by small groups of children. A game involving multiplication to place marker buoys of one of three colours. Each gives clues to the possible position of the treasure

7-11

Treasure

See: Science in process : pack 2

Treasure hunt

See: Fun school for 6-8 year olds

Treasure hunt

See: Mapping skills

Treasure hunt

See: MAPE compendium

Treasure island

See: Mapping skills

Treaty of Versailles

London: Sussex Publications Ltd; World Microfilms

198-

History revision on micro-computer

BBC B; BBC B+; £18.95 Econet level 2; £29.95

Disk; manual

History; Secondary education; General Certificate of Secondary Education

Practical revision aid, with features including introductory material and maps where relevant. Includes revision test. Available in set: History revision on micro-computer

BBC 40t or 80t disk

11+

Treaty of Versailles

See: Conflict and compromise in history

Treble clef

Harvey, P.

Cardiff: Drake Educational Associates 198-

Music lesson series

BBC B; BBC B+; BBC Master; £12.00

1 disk; 1 booklet

Music; Art; Primary education

The program teaches the notes on the Treble clef and can also be used as a test. By insertion of a 'Note strip' above the function keys, the pupil is able to learn the pitch and relative position of each note, constructs tunes.

5-16

Tree of knowledge

Cambridge: Acornsoft

1983

BBC B; B+; 128K B+; Master 128; £11.50

1 disk; 1 booklet; 1 leaflet

Primary education; Secondary education; Databases; information handling

An interactive program introducing the use of computers for information storage and retrieval. Initially the user builds up a branching data structure by answering and asking questions, and the resulting database is then used for information retrieval by deduction and logic.

40/80t disk

8+

Trekker : extension package

Clwyd: Clwyd Technics Ltd

198-

BBC B; BBC B+; BBC Master; £19.00

Disk

Control technology

An extension package for Trekker.

Requires Logotron Logo ROM

Trekker : the complete educational robotics package

Clwyd: Clwyd Technics Ltd

198-

BBC B; BBC B+; BBC Master; £179.95 BBC B; BBC B+; BBC Master; £19.00 (upgrade)

Disk; robot vehicle

Control technology

A versatile robot vehicle, complete with Logotron Logo routines, sensors, a pen, a horn, and variable speed control. Supplied software enables it to demonstrate industrial computer numerical control operation; simple artificial intelligence; follow a white line; obey complex movement sequences; avoid/seek light or shadow; halt at precipice edge; find way through obstacles; detect a magnetic field/changes in light levels; gather information and draw graphs; measure distances; drive external models and solenoids; patrol territory; demonstrate simple analogue/digital conversion; simulate animal behaviour/instincts; act as intruder detector alarm; play tunes; obey commands from keyboard, joystick or lines; obey commands in English, binary, hexadecimal code; denary numbers, symbols and Basic, etc. Extra Trekker vehicles (including basic software & keystrip) available; £119.00.

May be used with Logotron Logo ROM

7-16+

Triangle

See: Basic package

Triangle 1

See: Basic package

Triangle 2

See: Basic package

Triangles

See: Basic package

Triangles

See: Problems and investigations in the primary school using the microcomputer as a resource : pack 4

Trigonometry

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £19.50 BBC Master Compact; £21.70 Acorn Archimedes; RM Nimbus; IBM PC and compatibles; £24.50 RM Nimbus network; (up to 16 machines) £45.00; (up to 48 machines) £65.00 Econet; £58.50

Disk

Geometry; Secondary education; General Certificate of Secondary Education; Computer graphics

Introductory/revision programs which cover pythagoras, sine, cosine, tangents, sine rule, cosine rule, 3D geometry and typical examination questions, with detailed examples of how to solve problems.

Only specify 80t if you cannot use 40t disks.

14-16

Trigtest

Murphy, R.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1984

BBC B; £7.00

Disk

Mathematics; Secondary education

CAL program finding lengths and angles in rightangled triangles. Tutorial provided with demonstrations and tests which use randomly orientated angles and which can use SIN and COS only, or all three common ratios.

Trumpet major

Davies, Paul (ed.)

Bangor: Akadimias

198-

Tutor series : English Literature - set texts

BBC B; BBC Master 128; Econet levels 2 & 3; Acorn; RM Nimbus PC 186; RM Nimbus AX series; Nimbus network; Amstrad 6128 & PCW; IBM PC compatible; £25.00 (includes site licence for up to 10 terminals)

Disk; study booklet; reading list

English literature; Secondary education; Sixth form education; Further education; A level examinations

A program to test student knowledge with questions in a multiple choice format, in either a random or sequential order, and with various

user selectable time-bases against which the test may be taken. Facilities for revision; sequential, random test modes; with four time based skill levels in each test mode. Discounts available: details from publisher

BBC 40 or 80t disk (please specify). Acorn DFS & ADFS; RM Nimbus 3.5" disk; Amstrad disk; IBM P C 5.25" or 3.5" disk (please specify).

16+

Trytune

See: Longman music pack : composing and experimenting with music

Tudor England

Loades, D.M.

Bangor: Akadimias

198-

Tutor series : British and European history

BBC B; BBC Master 128; Econet levels 2 & 3; Acorn; RM Nimbus PC 186; RM Nimbus AX series; Nimbus network; Amstrad 6128 & PCW; IBM PC compatible; £25.00 (includes site licence for up to 10 terminals)

Disk; study booklet; reading list

History; Secondary education; Sixth form education; Further education; A level examinations

A program to test student knowledge with questions in a multiple choice format, in either a random or sequential order, and with various user selectable time-bases against which the test may be taken. Facilities for revision; sequential, random test modes; with four time based skill levels in each test mode. Topics are : Lollards and critics; Wosley and Cromwell; early protestantism; mid-Tudor crisis; Elizabethan stability; a settled Church; war and decline; religious dissent. Discounts available: details from publisher

BBC 40 or 80t disk (please specify). Acorn DFS & ADFS; RM Nimbus 3.5" disk; Amstrad disk; IBM P C 5.25" or 3.5" disk (please specify).

11-16+

Tuneplay

See: Miscellany 1

Tunesmith

Leamington Spa: SPA (Software Production Associates)

198-

RML 480Z; £17.00 RML 480Z Network £43.00

Music; Primary education

Allows music to be written on the screen using usual musical notation and then to be played back at any desired speed. Tunesmith comes with a separate program AURAL, designed to test aural musical ability.

Tunnel

See: Basic package

Tunnel to freedom

Glasgow: Collins Educational; Holmes McDougall Educational Publishing

198-

Adventures in maths

BBC; £10.95

This database provides the student with access to UK economic data for the years 1947-1986 in a simple form, allowing easy comparison between them by construction of graphs and tables

11-Adult

Ultra

See: Science in process : pack 1

Umziehen

See: Kopfsjaeger and Umziehen

Unconformities

See: Geological mapwork

Understanding area

Pryce, David; Luxton, Tony

Sherston: Sherston Software
1986

BBC B; BBC B+; BBC Master; BBC Master Compact; (single pack) £14.00 BBC B; BBC B+; BBC Master; BBC Master Compact; (small lab pack) £28.00 BBC B; BBC B+; BBC Master; BBC Master Compact; (large lab pack) £42.00

Single pack: 1 disk; 1 teacher's book Small lab pack: 1 copy of full pack plus 5 extra copies of disk Large lab pack: 2 copies of full pack plus 10 extra copies of disk

Mathematics; Geometry; Primary education

Provides an introduction to area and helps children progress from understanding the units of area to calculating areas of figures

BBC 40t 5.25" DFS; BBC 80t 5.25" DFS; BBC Compact 3.5" ADFS disk. 3.5" DFS and 5.25" ADFS disks also available

7-11

Understanding business studies and commerce

Whitcomb, Alan; Beckwith, Peter

London: Pitman Publishing

1988

BBC B; BBC B+; BBC Master; £25.00 RM Nimbus; £30.00

2 disks; 1 booklet

Business education; Secondary education; Further education; Adult education; Simulation 027302938X (BBC machines) 0273029398 (RM Nimbus)

This is a learning and revision package ideal for students following GCSE and similar level courses in Business Studies and Commerce. Both disks are divided into six main sections : Structure and organisation; Money; Capital and finance; Marketing; Communication; People in business; Social accounting, in a form of multiple choice program or word selection exercises.

11-Adult

Understanding computing : software pack

Stocks, George M.I.

Edinburgh: Longman Micro Software; Oliver & Boyd

1988

BBC B; BBC B+; BBC Master 128; £14.50

40t; 1 disk; 1 user manual; 1 running sheet

Secondary education; Computer studies; Sciences

0582027365

A selection of teaching and demonstration programs to accompany the course "Understanding computing"

BBC 40t, 5.25" DFS disk

Understanding economics : pack 1

Harlow: Longman Micro Software

1984

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; £45.00 Econet levels 2 & 3; SJ file server; AMCOM E-net; RM Nimbus/Network; £60.00

1 disk; teachers' guides; students' leaflets

Economics; Sociology; Geography; Business education; Secondary education

0582266831

Contents: Workers and machines; Balance of payments; Break-even; Estate agent; Iron and steel location

BBC 40t, 5.25" DFS; BBC 80t, 5.25"; Nimbus/Network 3.5" disk

14-16

Underwater archaeology and related topics

Illsley, John Sherwood

Bangor: Akadimias

1989

IBM PC compatible; £25.00 (includes site licence for up to 10 terminals)

6 disks

History; Archaeology; Databases; Secondary education; Sixth form education; Further education; A level examinations

A database bibliography with author and keyword indices. ASCII text in system data file format - for use with a wordprocessor or database. Simple search using MS DOS find command. Discounts available: details from publisher

IBM PC compatible 360K disk

16+

Unearthing the past

Sheward, Ann; Gath, John; Place, Robin

Cambridge: Cambridge Micro Software

1988

BBC B; BBC B+; BBC Master; £50.00

1 disk; 6 copies pupils' dig notes; 16 photocopy masters of study sheets; 200 find cards; 1 teacher's guide booklet; 1 book: 'The Vikings : fact and fiction'

Primary education; Secondary education; History; Data processing; Simulation; Archaeology

0521341302

Unearthing the past is a comprehensive package of resources which brings archaeology to life in the classroom. The package is based on a computer simulation of the actual excavations carried out at the Viking site in Coppergate, York (Jorvik).

40/80t

11-14

Unicorn

See: Fun school for over 8s

Uniformly accelerated motion

See: Investigating accelerated motion

Unit 1 : Coding information

Sparkes, Bob

Harlow: Longman Micro Software

198-

Digital electronics : a computer-aided course

BBC B; BBC B+; BBC Master 128; £19.50

Disk

Electronics; Physics; Secondary education; Sixth form education; Further education; General Certificate of Secondary Education; A level examinations; Simulation

A simulation of the properties of microelectronic devices. Available as package with Unit 2 (Digital systems); Unit 3 (Microprocessor systems). Network version of package available.

BBC 40t, 5.25" DFS disk

15-19

Unit 2 : Digital systems

Sparkes, Bob

Harlow: Longman Micro Software

198-

Digital electronics : a computer-aided course

BBC B; BBC B+; BBC Master 128; £19.50

Disk

Electronics; Physics; Secondary education; Sixth form education; Further education; General Certificate of Secondary Education; A level examinations; Simulation

A simulation of the properties of microelectronic devices. Available as package with Unit 1 (Coding information); Unit 3 (Microprocessor systems). Network version of package available.

BBC 40t, 5.25" DFS disk

15-19

Unit 3 : Microprocessor systems

Sparkes, Bob

Harlow: Longman Micro Software

198-

Digital electronics : a computer-aided course

BBC B; BBC B+; BBC Master 128; £19.50

Disk

Electronics; Physics; Secondary education; Sixth form education; Further education; General Certificate of Secondary Education; A level examinations; Simulation

A simulation of the properties of microelectronic devices. Available as package with Unit 1 (Coding information); Unit 2 (Digital systems). Network version of package available.

BBC 40t, 5.25" DFS disk

15-19

United States of America : 1941

Glasgow: CDG (Scotland) Ltd.

198-

BBC B; BBC B+; BBC Master 128; £15.50

Acorn Archimedes; IBM PC; RM Nimbus;
£21.50 IBM PC; RM Nimbus network; £32.25
Disk; documentation

History; Databases; Secondary education; Sixth
form education
1853950378

An in-depth range of data designed to help users
explore aspects of the political, social and
economic data on the American States covering
population; education; employment; energy;
health; housing; social insurance; transport; vital
statistics and voting patterns. Structured
modular work units accommodate all ability
levels; integrate computer procedures and assist
in the acquisition of knowledge and
understanding, developing enquiry, evaluation
and analysis skills, etc. Optional Epson
compatible screen dump (BBC/Nimbus only)
available - £7.50 (BBC); £1 3.50 (Nimbus).
Discounts available for purchase of any two or
more datapacks - details from publishers.

Please state format required: BBC 40 or 80t disk;
IBM PC (EGA/ECD only).

14-18

Update

See: Newsagent

Upgrade new game

Chester: PRISMA Software
198-

BBC B; BBC Master; £8.00

Disk; documentation

Reading skills; Spelling; Creative writing;
Computer games; Special educational needs;
Infant school education; Primary education;

Upgrade to Play and read plus

5+

Upgrade new shoes

Chester: PRISMA Software
198-

BBC B; BBC Master; £8.00

Disk; documentation

Reading skills; Spelling; Creative writing;
Computer games; Special educational needs;
Infant school education; Primary education;

Upgrade to Play and read plus

5+

Upper and lower case

Rees, John

Cardiff: Drake Educational Associates
198-

BBC B; BBC B+; BBC Master; £12.00

1 disk; 1 booklet

Spelling, Language; English; Infant school
education; Primary education, Special
educational needs

The program helps children to become familiar
with the keyboard while relating upper and
lower case words

5+

Urban geography pack

Harlow: Longman Micro Software
198-

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; Acorn
Archimedes; £45.00 Econet levels 2 & 3; SJ file
server; AMCOM E-net; RM Nimbus/Network;
£55.00

2 disks; teachers' guides; students' leaflets

Geography; Sociology; Simulation; Secondary
education; Sixth form education; Further
education

0582263441

Contents: Urban welfare (1981 census data for
15 indicators of urban deprivation in wards in
Bristol, used to measure social deprivation);
Urban growth simulation (allows students to
investigate growth of market town from 1901 to
1981 and predict its likely special features);
Predicting journey patterns (helps students
understand the explanation of journey patterns
by the theory of gravity models).

BBC 40t, 5.25" DFS; BBC 80t, 5.25";
Archimedes 3.5"; Nimbus/Network 3.5" disk

14-18

Urban growth simulation

See: Urban geography pack.

Urban hierarchy

See: Urban studies : programs for fieldwork

Urban land use

See: Urban studies : programs for fieldwork

Urban land use

See: MEP / GAPE Project geography programs

Urban studies : programs for fieldwork

Hall, Graham; Jones, Medwyn

Dolgellau: Science Education Software
198-

BBC B; BBC Master 128; Econet; £24.95 + VAT
RM Nimbus; Acorn Archimedes; £25.95 + VAT
RM Nimbus Network; £40.95 + VAT

2 disks; 1 documentation booklet

Geography; Secondary education; Data
processing; Computer graphics

Contents: Graphic street profile (utilisation of
buildings along a street); Urban hierarchy
(determines functional indexes for shopping/
commercial centres); Traffic flow;
Environmental monitoring (processes the results
of questionnaires on aspects of the urban
environment); Housing survey (plots pi-graphs
to illustrate distribution, age and state of repair
of residential property); Shopping hinterlands
(uses Reilly's law); Public transport (plots flow
maps); Urban land use.

BBC 40t, 5.25" disk; BBC 80t, 5.25" disk; RM
Nimbus, Acorn Archimedes, 3.5" disk

Urban waste sites

See: Cambridge identification keys

Urban welfare

See: Urban geography pack

Urinary system

See: Human biology. 5: The respiratory system.
The urinary system

US cities : Chicago

See: Geobase datadisks : American studies

US cities : Miami

See: Geobase datadisks : American studies

USA by state

See: Geobase datadisks : American studies

USA government model

Glasgow: CDG (Scotland) Ltd.

198-

BBC B; BBC B+; BBC Master 128; £15.50
Acorn Archimedes; IBM PC; RM Nimbus;
£21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

Sciences; Sociology; Databases; Secondary
education; Sixth form education

1853950785

A study of state voting patterns in the
presidential elections 1980-1988, as well as
elections to Senate and House of
Representatives. Includes data on extent of
official involvement in government by blacks
and women. Structured modular work units
accommodate all ability levels; integrate
computer procedures and assist in the
acquisition of knowledge and understanding,
developing enquiry, evaluation and analysis
skills, etc. Optional Epson compatible screen
dump (BBC/Nimbus only) available - £7.50
(BBC); £13.50 (Nimbus). Discounts available
for purchase of any two or more datapacks -
details from publishers.

Please state format required: BBC 40 or 80t disk;
IBM PC (EGA/ECD only).

14-18

UShare

Exeter: Maxima Communications plc

198-

Apple Macintosh; £3,795.00 (host software and
utilities); £195.00 (client software and utilities)

Disk

Communication; Utilities

Designed to integrate Macintosh computers with
Unix workstations, allowing both system users
to share files and resources transparently.
Available as a complete solution, or in individual
modules. Facilities offered include electronic
mail; print spooling; terminal emulation; file-
sharing; virtual disk; network and local search;
voice annotation. May be distributed over many
sites and different locations.

Works on current Macintosh systems with at
least 1Mb RAM; please check required
configuration.

Using data handling in history : an inset guide

Coventry: NCET/MESU

1990

Details from publishers

Disk; documentation booklet

Primary education; Secondary education;
History; Information handling; Databases

Books and data files providing case studies and
guidance on approaches to effective data
handling in the history classroom. Licensing

agreements/large bulk orders: details from publishers.

Using pictures

Hatfield: Widgit Software

198-

BBC B; BBC B+; BBC Master; £35.00

4 disks; Manual

Language; Preschool education; Infant school education; Special educational needs

A large picture library for use by children at the one and two word level of verbal comprehension; as a picture communication board for non-verbal children; and for verbal, visual and cognitive discrimination tasks. 13 difficulty levels cover activities including picture recognition; choosing; memory skills; matching skills; making "phrases"; verbs; cognitive and perceptual discrimination.

Can be adapted for use by a number of input devices, including switches used with an interface box or directly in the analogue port; joystick (as a single or dual input); Concept keyboard (as a single or dual switch, or with paper overlays), Micromike; Micro Vitec touch screen; can be used with a speech synthesiser.

4+

Using symbols

Hatfield: Widgit Software

1990

BBC B; BBC B+; details from publishers

Disk

Special educational needs

A development and upgrade of Using Rebus II. For further details contact the publishers

Using the compass

See: Introducing map skills 2

Utility maximisation and derivation of a demand curve

See : Demand and supply

Utility pack

Backwell, Bristol: Arrowsoft Educational Software

198-

BBC B; BBC Master; £12.00

Disk

Utilities education

Six routines presented as part of working Basic programs - allows all routines to be listed out.

8+

Valency

See : Industrial chemistry and other 16+ topics

Van

See: Basic package

Vanishing point

See: VETAS

Vapour pressure curves

See : Physical chemistry

Variable analysis

See: Slopes : profile and variable analysis

Varietext

British Council

London: Wida Software Ltd; Cambridge University Press

198-

British Council Software Series

BBC B; BBC B+; BBC Master; MS DOS; Apple; £35.00 (protected); £50 (unprotected)

Disk

Language; English; English (second language); Authoring aids

Text reconstruction program in which user changes certain words and phrases in a text and examines the stylistic and semantic consequences. Includes an authoring element.

BBC 40/80t; programs convertible by user for Master Compact. MS/DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1MB memory & IBMulator. Apple II+, IIe, IIfx and IIGs, under DOS 3.3. Programs convertible to PRODOS by user.

11+

Varl

Chepstow: AVP Computing

BBCB; BBC B+; BBC Master 128; £17.50

Mathematics; Problem solving; Puzzles; Reading skills; Cross curriculum; Primary education

A space adventure that involves solving mathematical and logic problems. Pupils explore the planet Varl, and meet its strange inhabitants, not all friendly, and help Orba, the alien, to find her spaceship.

7-10

Vector

Ruislip: Desktop Engineering Systems

198-

Apple Macintosh; £2,595.00

Disk

Computer assisted design; Design; Craft, design, technology; Engineering; Utilities

A toolbox for developing engineering applications. Features include full-featured micro programming language; entity definition; menu, icon and tools creation; user-definable database primitives; associative dimensioning; layers and level control; spline curves; colour supports; maths and geometric tools. Macro source and listings to a completed 3D CAD system are provided for customisation purposes. Can be used to develop CAD/CAM packages and applications; finite and thermal element modelling packages; engineering applications; customisation of complex applications.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Vector

See: Teaching with a micro : maths 1

Vector duel

See: Angle duel / Vector duel

Vectors

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £19.50

Disk

Algebra; Secondary education; Sixth form education; Further education; General Certificate of Secondary Education; A Level Examinations

14 programs covering: the vector as a direct line segment; scalar multiplication; equivalent vectors; vector summation; vector co-ordinates in 2 dimensions; matrix notation of vectors; modulus of a vector; dot (scalar) product of 2 vectors; angles between vectors; straight line in 2 dimensions; vectors in 3 dimensions, right-hand rule; dot production of 3 dimensional vectors, vector equation of a plane in 3 dimensions, the Cartesian equation of a plane; intersection of a vector and a plane.

Only specify 80t if you cannot use 40t disks.

14-16

Vectors in mechanics

Dolgellau: Science Education Software

198-

BBC B; BBC Master 128; Econet; £20.95 + VAT RM Nimbus; £21.95 + VAT RM Nimbus Network; £36.95 + VAT

Disk

Physics; Sciences; Mathematics; A level examinations; Sixth form education; Secondary education; Data processing

An interactive program featuring a vector processor which can be used in solving vector problems to determine the resultant of a set of vectors, find the x- and y-components of a vector, calculate unknown vector magnitudes and directions in equilibrium systems, and to display and print out scale vector diagrams.

BBC 40t, 5.25" disk; BBC 80t, 5.25" disk; RM Nimbus, 3.5" disk

16-19

Vegetation and climate

Netherhall Educational Software; Wells, Alastair; Rhodes, Chris J.

Cambridge: Cambridge Micro Software 1985

BBC B; BBC B+; BBC Master; £22.50 Econet; £37.50

1 disk; 1 teacher's handbook

Sciences; Geography; Environmental education; Secondary education; Botany

0521323428 (BBC 40/80t disk) 0521329124 (Econet 80t disk)

Program provides graphic means of teaching the relationship between natural vegetations and climates around the world. It also provides a simple database for eleven climate stations which can be displayed as graphs, and these accompany eleven graphical representations of natural vegetation types.

40/80t

13-16

Velocity of light

Ford, P.

Ashton-under-Lyne: Granada Educational Software

1989

BBC; RML 380Z; RML 480Z; £15.00

Disk; documentation; worksheets

Physics; Secondary education; Sixth form education; Further education; Computer graphics

Contained in Physics suite. Uses Foucault's rotating-mirror method to allow the user to view the movement of a beam of light along a scale in relation to the speed of rotation of the mirror and the distances over which the light has travelled.

Disk (40t). RML 380Z requires 80 character keyboard.

11-16+

Venkids

See: Microprimer software : pack 2

Venn

Whitworth, P.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1984

BBC B; £4.00

Disk

Mathematics; Secondary education

Draws a Venn diagram for two or three sets and colours the region corresponding to a given Boolean expression.

Vennndi

Burgess, R. & J.

Ashton-under-Lyne: Granada Educational Software

1989

BBC; £12.50

Disk

Mathematics; Primary education

A suite of programs to assist children to understand Venn diagrams.

Disk (5 1/4")

7-11

Vennman

See: Microprimer software : pack 2

Verkehrsunfall

See: Im restaurant und verkehrsunfall

VersaCAD : Macintosh edition

Winkfield: VersaCAD UK Ltd.

198-

Apple Macintosh; £400.00

Disk

Computer assisted design; Design; Craft, design, technology; Utilities

A 2D CAD system supporting translation files to interface with desktop publishing, painting, finite element analysis, CAM and other applications. Features include drawing objects and attributes, floating-point accuracy to 16 decimal points; unlimited visual symbol

libraries; pan and zoom; grid and snap; up to 250 drawing levels, 10 units of measurement; extend and trim tools; parallels and perpendiculars; fillets; tangents; Bezier curves; cross-hatching of regular and irregular boundaries.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

VersaCAD interpreter

See: Dimensions

VersaTerm

Exeter: Maxima Communications plc

198-

Apple Macintosh; £75.00

Disk

Communication

A text and graphics terminal emulator and communications package, suitable for file transfer, information services and mini mainframe access. Emulations include Digital VT100 and Data General D200 text terminals; Tektronix 4010/4012/4014 graphics terminals. File transfer options include XModem, YModem and Kermit protocols (text, binary and MacBinary formats). Provides full macro support; supports all auto-dial modems and Apple printers. Allows Macintosh to connect to many mainframes, including Digital Vax, Gray, Data General, IBM and Prime. Supports Multi-tasking with MultiFinder and background operation of file transfers, printing and terminal sessions.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

VersaTerm pro

Exeter: Maxima Communications PLC

198-

Apple Macintosh; £225.00

Disk

Communication; Sixth form education; Further education; Adult education

Supports text and colour or grey-scale graphics terminal emulation and communications, providing a number of terminal emulation modes for college, university and professional users, including Digital VT100; Data General D200 text terminal and Tektronix 4105/401/graphics emulations. Files can be saved to a local disk in Macintosh formats and manipulated as required using standard applications software. Includes extensive range of file transfer options, including MacTerminal, XModem, Vanilla XModem, Kermit and MacBinary XModem. Incoming text stream can be directly output to a printer at 80, 96, and 136 column widths. Also supports auto-dial modems, with phone numbers selected from a dialogue box.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Vetas

Smart, Steve

Blairgowrie: Locheesoft

198-

Series 3

BBC B; BBC B+; BBC Master 128; BBC Networks; £35.00 (Part of proceeds donated to Save the Children Fund)

Disks; manuals

Puzzles; Problem solving; Special educational needs; Content free programs; Computer games; Primary education

0947584714/722

A content free package for the design of 5 maze-type board games and exercises: Follow the ...; Vanishing point; Tunnelling; In the dark; Wilderness. Demonstration games included. May be operated with Concept keyboard; touch screen; AMX mouse or joystick. Results may be stored and monitored.

BBC 40t s/d DFS disk (unless 80t requested); will also run on ADFS or Network. Please specify whether A3 or A4 overlays are required 7+

Vicom campus

Bournemouth: AM Technology Ltd.

198-

Apple Macintosh; details from publishers

Disk

Communication

A version of Vicom designed to offer education users all its features and functions, plus full support for the Campus 2000 educational network service, with automatic switching from videotex to TTY mode as required.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Vicom 3 : release 3.2

Bournemouth: AM Technology Ltd.

198-

Apple Macintosh; £175.00

Disk

Communication

Features include high speed and standard modem support; file transfer features; enhanced printing features; enhanced on-line window features; extensions to Macro command language. Future modifications will enable "gateway" transfers between 40 and 80 column screen systems. Demonstration version available free of charge.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Victorian series 1874-1887

Leeds: Yorkshire Television Enterprises

1987

How we used to live

BBC B; BBC B+; BBC Master; £22.95

1 disk; teachers' note; pupils' worksheets

History; Sociology; Secondary education; Information handling

This is one of the programs in the 'How we used to live' series which is based on the television series on social and political changes. There are three programs on this disk

The program is also available for machines running under MS DOS 3.2

11-14

Victorians

Gravesend: Fernleaf Educational Software Ltd

198-

BBC B (disk or cassette); c.£22.95

Disk or cassette

History; Primary education; Secondary education; Puzzles; Problem solving

Designed for use with groups of small children. A set of three programs to complement a topic on the Victorian period

8-15

Video rental

Exeter: Minerva Software

198-

BBC B; BBC B+; BBC Master 128; Master Compact; £69.95

Disk

Business education; Primary education; Secondary education; Sixth form education; Further education

A video shop management program, allowing over 8000 videos and 5000 customers. Instant access to information on videos on hire to any customer. Extensive reports, including overdue videos, fines, catalogue etc. Facility to produce receipts.

8-16+

Videobuilder

Ringwood: Market Lane Ltd.

198-

Apple Macintosh; details from publisher

Disk

Authoring aids; Cross curriculum

A version of CourseBuilder which supports the control of interactive videodisk players, videotape players and slide projectors.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Videomaths 1

London: ITV Schools

1989

BBC B; BBC B+; BBC Master 128; £16.00 (£30.00 with Videomaths 2) BBC B/BBC Master on 3.5" disk price £1.50 extra A3000; RM Nimbus; £21.00 (£40.00 with Videomaths 2)

1 disk; 1 teachers' handbook

Mathematics; Primary education; Computer graphics

Programs are concerned with fundamental ideas of mathematics and can be related to many of the attainment targets in the National Curriculum. Contents: Abacus (investigating bases); Weaving; Driving (turning objects); Surfaces (area); Patterns (repeating symmetry). Associated ITV Schools programme: Videomaths. The A3000 and RM programs are improved versions of the BBC software in order to fully exploit the flexibility of these more powerful machines, the 4 programs on one disk are Abacus, Weaving; Driving and Surfaces. Concept keyboard version for special needs pupils

5.25"; 3.5"; DFS.

7-11

Videomaths 2

London: ITV Schools

1989

BBC B; BBC B+; BBC Master 128; £16.00 (£30.00 with Videomaths 1) BBC B / BBC Master on 3.5" disk price £1.50 extra A3000;

RM Nimbus; £21.00 (£40.00 with Videomaths 1)

1 disk; 1 teachers' handbook

Mathematics; Primary education; Computer graphics; Special educational needs

Programs are concerned with fundamental ideas of mathematics and can be related to many of the attainment targets in the National Curriculum. Contents: Squeeze (shape, perimeter, area); Circles; Bounce (angles); Shadows (contortion and reflection); Count. Associated ITV Schools programme: Videomaths. The A3000 and RM programs are improved versions of the BBC software, in order to fully exploit the flexibility of these more powerful machines, the 4 programs on one disk are Squeeze, Bounce, Shadows and Count. Concept keyboard version for special needs pupils

5.25"; 3.5"; DFS

7-11

VideoWorks accelerator

London: Computers Unlimited

198-

Apple Macintosh; £175.00

Disk

Utilities

A utility to speed up animated sequences created in VideoWorks II, producing near digital video quality at speeds of up to 30 frames per second. Supports colour or black and white; plays sound with animation; may also be used with HyperCard driver.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration. Requires VideoWorks II.

VideoWorks black and white movies

London: Computers Unlimited

198-

Apple Macintosh; £49.95

Disk

Computer graphics; Desktop publishing; Art; Design

A collection of black and white VideoWorks movies, with "actors" which can be cut and pasted to new presentations.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

VideoWorks CD-ROM

London: Computer Unlimited

198-

Apple Macintosh; £175.00

Disk/ROM

Computer graphics; Authoring aids

A collection of high-quality colour and black and white VideoWork movies, with "actors" which can be cut and pasted to new presentations. Contains over 200 Mb animations, clip art and sounds. Disk may be viewed without use of VideoWorks II.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

VideoWorks clip sounds

London: Computers Unlimited

198-

Apple Macintosh; £59.95

Disk

Desktop publishing; Art; Design

A collection of VideoWorks sound effects files which can be used in new presentations.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

VideoWorks HyperCard driver

London: Computers Unlimited

198-

Apple Macintosh; £89.95

Disk

Utilities

Allows documents created in VideoWorks II to be imported to HyperCard using one HyperTalk external command, so allowing HyperCard users to create professional stacks with animation, graphics and sound. Animated sequence may be run on top of a card, within a card or across the entire Macintosh screen. Animations can be in colour or black and white.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

View : local viewdata system

White, Ian

Leamington Spa: SPA (Software Production Associates)

1986

RML 480Z; £15.00 RML 480Z Network; £39.00

1 disk; 1 documentation booklet; 1 key strip; 1 screen design grid

Primary education; Secondary education; Databases; Information handling; computer graphics; Content free programs; Cross curriculum

Gives the facilities of a complete local colour Viewdata service. Easy editing - can be the basis of a child-centred database. Can be used to create a school or class magazine

7-16+

View disk

Newport, Lincoln: MEDUSA

198-

BBC B; BBC B+; BBC Master; £10.00

Disk;

Word processing

Uses combination of on screen instructions and exercises to provide a simple introduction to the View word processor.

View exercise disk

Hampshire TVEI

Wisbech, Cambridgeshire: esm

198-

View series

BBC B; BBC B+; BBC Master 128; £9.95

Disk

Business education; Word processing; Databases; Spreadsheets; Secondary education; Further education

Includes coursework data for the books View (an

introduction to word processing); Viewsheet (an introduction to spreadsheets); and Viewstore (an introduction to databases). Disk can be freely copied. Books available in packs of 5, £19.95 per pack.

BBC 5.25" disk

13+

View printer driver

Newport, Lincoln: MEDUSA

198-

BBC B; BBC B+; BBC Master; £10.00

Disk

Utilities; Word processing

A simple to use printer driver for the Citizen and other Epson compatibles - user enters codes before and after text to be formatted. Allows unlimited combinations of all the available printing styles in the one document.

View professional

Cambridge: Acornsoft

Personal productivity tools

BBC B; B+; 128K B+; Master 128; Master Compact; £99.95

Rom; disk; manual; reference card; keypad

Word processing; Spreadsheets; Databases; Secondary education; Sixth form education; Further education; Business education

An integrated word processing, spreadsheet and database facility. Word processor facilities include proof correction; sorting operations; complex calculations; file linking. Spreadsheet facilities are suitable for business planning; accounting/forecasting; automatic calculation; mathematical functions; range; list and indexing tasks and consolidation of different worksheets. Converter program allows existing View, ViewSheet and ViewStore files to be converted in the View Professional format.

40/80t disk; 3.5" disk; ROM

11-16+

View series : individual pack

Hampshire TVEI

Wisebech, Cambridgeshire: esm

198-

View series

BBC B; BBC B+; BBC Master 128; £19.95

Disk; 3 books

Business education; Word processing; Databases; Spreadsheets; Secondary education; Further education

Includes coursework data for the books View (an introduction to word processing); Viewsheet (an introduction to spreadsheets); and Viewstore (an introduction to databases). Disk can be freely copied. Disk available separately; Books available in packs of 5, £19.95 per pack.

BBC 5.25" disk

13+

View 3.0

Acornsoft; Protechnic Computers (designers and developers: "View" word processor); Information Transfer (au. "View guide")

Cambridge: Acornsoft

1983

Personal productivity tools

BBC B; B+; 128K B; Master 128; Master

Compact; Acorn Archimedes; £52.00 Econet; £140.00

1 ROM chip; disk; 1 reference card; 2 manuals; 1 leaflet; 1 user guide

Word processing; Business education; Primary education; Secondary education

0907876811 (Info view manual); 0907876803 (View manual)

Includes the advanced facilities of a professional word processor; designed for the professional user and the beginner. Produces high quality documents, memos, letters, reports, mailshots efficiently, with easy editing and correcting.

ROM cassette; 40/80t disk; runs on Archimedes under 6502 emulator.

8-16+

Viewbank sideways RAM

Tunbridge Wells: Compaid Trust

198-

BBC Master 128; £10.00 BBC Master Compact; £20.00

2 disks

Special educational needs; Word processing; Utilities

Includes dictionary for use with Acornsoft's View word processor. Features pull-down menus, fast word search. Includes 1,300 words; with a further 23,000 on the dictionary disk

BBC 80t 5.25" DFS disk (please specify if 40t required). Runs with 2 switches connected to either the two fire button inputs at the back of the BBC B or Master, the left and right joystick controls of the Master Compact. 3.5" disks with sideways ram for Master 128 and Compact.

Viewdata in history

Wild, Martin

Advisory Unit

1986

BBC B; BBC B+; Acorn Archimedes; RM Nimbus; £20.00

5 disks; 1 'Viewdata in History' book

History; Primary education; Secondary education; Viewdata; Databases

0946039488

Describes and explores the potential of viewdata in history. Five sample viewdata databases are included, created with the Stopress package.

Requires Infoview or Stopress

7+

ViewIndex

Cambridge: Acornsoft

Personal productivity tools

BBC B; B+; 128K B+; Master 128; Master Compact; Acorn Archimedes; £13.00 Econet; £100.00

Disk; documentation

Business education; Information handling; Word processing; Primary education; Secondary education; Sixth; form education; Further education

Automatically creates a comprehensive, accurate alphabetical index.

40/80t disk; 3.5" disk; runs on Archimedes under 6502 emulator.

4-16+

ViewPlot

Cambridge: Acornsoft

Personal productivity tools

BBC B; B+; 128K B+; Master 128; Master Compact; £26.04 Econet; £110.00

Disk; manual

Computer graphics; Primary education; Secondary education; Sixth form education; Further education; Information handling

Produces line graphs, pie charts, bar charts, etc.

40/80t disk; 3.5" disk

8-16+

Viewscan

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £19.50

Disk; user manual

Computer studies; Viewdata; Secondary education; Sixth form education; Further education

An advanced teletext package; features manual/autoflex display, page renumber, linking, carousel, *save, multi-drive handling and flexible modem linking. Stores up to 999 pages on disk. Uses Mode 7 drawing to make graphics easy; on-screen cut and paste or duplicate functions.

Only specify 80t if you cannot use 40t disks. Epson compatible text/graphics dump.

ViewSheet

Cambridge: Acornsoft

1984

Personal productivity tools

BBC B; B+; 128K B+; Master 128; Master Compact; Acorn Archimedes; £52.00 Econet; £140.00

1 ROM; 1 user guide; 1 reference card; 1 keypad; 1 ROM instruction sheet

Primary education; Secondary education; Sixth form education; Further education; Spreadsheets; Databases; Economics; Business education

090787682X

An electronic spreadsheet for use with business applications - cash flow forecasts; sales analysis; or resource planning and also with personal finances. Window facility allows user to simultaneously look at separate sets of information. Includes option to replace row and column numbers with headings.

ROM; 3.5" disk; Runs on Archimedes under the 6502 emulator.

8-16+

ViewSpell

Cambridge: Acornsoft

Personal productivity tools

BBC B; B+; 128K B+; Master 128; Master Compact; Acorn Archimedes; £34.74 Econet; £120.00

ROM; disk; user guide; reference card

Word processing; Spelling; Primary education; Secondary education; Sixth form education; Further education; Business education

An automatic spelling checker, with a master dictionary of 70,000 words. Facility to create own dictionary - e.g. technical terms, names and addresses. Also allows user to search for word beginnings and endings.

8K ROM; 3.5" disk; Runs on Archimedes under 6502 emulator.

4-16+

ViewStore

Cambridge: Acornsoft

Personal productivity tools

BBC B; B+; 128K B+; Master 128; Master Compact; Acorn Archimedes; £52.00 Econet; £140.00

ROM; disk

Databases; Information handling; Primary education; Secondary education; Sixth form education; Further education; Library administration; Business education

A powerful general-purpose database manager, in which information is divided into records and records into fields - designed specifically for applications where large amounts of information are stored and need to be accessed rapidly. Possible uses include mailing lists; library catalogues, etc. Included utilities cover a flexible report generator and a program to convert databases from formats used by other programs.

ROM; 3.5" disk; runs on Archimedes under the 6502 emulator.

8-16+

Viking England

Leeds: Yorkshire Television Enterprises

198-

BBC B; BBC B+; BBC Master; BBC Master Compact; RML 480Z; £40.25

1 disk; 1 teachers' note

History; Geography; Primary education; Adventure simulation

There are four programs on this disk which aim to follow a Viking community as it plans a raid, chooses a sea route and landing site, moves inland and builds a settlement

7-11

Viking England : programs 1-4

Thistleton, R.; Dary, John; Io Software; et al.

Gravesend: Fernleaf Educational Software Ltd 1984

BBC B; BBC B+; BBC Master; £31.26

1 disk or cassettes; 1 documentation booklet

History; Primary education; Secondary education

185021042X

Contents: The raiders; Journey's end; The move; The Jarl. A sequence of 4 programs allowing children to explore the Vikings' experiences as they came to and settled in England. Programs available individually

Operating system 1.2.

9-13

Vikings : resources pack

Gravesend: Fernleaf Educational Software Ltd

198-

BBC B; BBC B+; BBC Master 128; BBC Master Compact; RML 480Z; RM Nimbus; £55.95 Econet network; Nimbus network; 480Z network; £79.95

Disk; documentation; video cassette; information sheets; book

History; Primary education; Secondary education

An audio visual learning pack, comprising the Viking England computer programs: the video cassette Jorvik - the Vikings return; Viking Age York information sheets (30 sheets covering the city, the home, industries, trade, dress, environment and evidence); and the BBC Zig Zag- book "The Vikings"

Please state make/model of computer; network system; disk size and printer

9-13+

Villein's wife

Io Software; Dary, John; Holst, Tristen

Gravesend: Fernleaf Educational Software Ltd 1986

BBC B; BBC B+; BBC Master; (disk) £11.26 BBC B (cassette); £8.65

40t; 1 disk or cassette; 1 documentation booklet

History; Primary education; Problem solving; Secondary education; Puzzles;

Contained in Norman England. The villein's wife has to cope with both family commitments, and the harvest. On the return of the villein, they must decide whether to stay in the village with the Normans or move to the next village, so becoming landless peasants

8-12

Vinylwriter

London: Wight Scientific

198-

IBM PC;XT; At; 386; PS2; and compatibles; £500.00 (10% deposit required with order) BBC, Amstrad PCW; Amstrad 6128; RM Nimbus; £ Acorn Archimedes; £

Disk

Art; Design; Craft, design, technology; Secondary education; Further education; Computer assisted design

Cuts self-adhesive vinyl, masks for screen printing or sand-blasting, stencils for painting; prints posters and banners on paper, generates lettering or graphics for export to other computer programs. Offers flexible input, storage and revision of signs; characters of any size that equipment allows; characters rotated, reflected, italicised or stretched; whole signs scaled, offset, or distorted; on-screen preview of whole sign with pan and zoom; on-screen design of users' own characters and logos; ability to modify any character in any font; openly explained file formats and program operations; printouts on paper; transport of signs as files to other computers. Includes 5 fonts - generic Swiss; generic Roman; Challenge Bold; Crillee Bold Italic; Future Extra Bold. Extra fonts available - £25.00 each.

VIP database manager

Glasgow: Persona TMC Ltd

198-

Apple Macintosh; £89.95

Disk

Computer programming; Programming languages; Databases; Information handling

A database management module for use with VIP.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Vision

London: MCMXCIX; Opcode

198-

Apple Macintosh; £399.00 (25% education discounts available)

Disk

Music

A music sequencing program, providing dynamic links between graphic editing window and list editing window where changes are entered numerically. Supports multiple metre changes with editable tempo track; 480 PPQ resolution; real time track shift; sequence changing; record and playback of system exclusive data; loop recording. Allows each file to contain up to 26 sequences. Compatible with Nightingale DMCS and Professional Composer.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Visit the farm

See: Farm

Visual arts : set 1

Sutton: Electronic Pen Ltd.

198-

The visual arts

Apple Macintosh; £65.00

Disk

Art; Design; Craft, design, technology; Computer assisted design; Computer graphics

Encapsulated PostScript artwork: over 3Mb of images covering a broad range of subjects.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Visual arts : set 2

Sutton: Electronic Pen Ltd.

198-

The visual arts

Apple Macintosh; £75.00

Disk

Art; Design; Craft, design, technology; Computer assisted design; Computer graphics

Encapsulated PostScript artwork: over 4Mb of artwork including a number of people and dingbats, small images useful for creating logo designs.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Visual discrimination

Workshop: TGW Software Developments

198-

BBC B; BBC Master; £5.00

Disk

Primary education; Special educational needs; Computer graphics

Encourages awareness of shapes; helps colour discrimination, by providing audio-visual reward when child touches right switch corresponding to shape/colour on screen, from a choice of four main shapes, 7 colours. Pupil responses are recorded and saved for display, printing and analysis if required

5.25" 80t and Master only; will operate on single

or double density drives. Requires 2 external switches

5+

Visual interactive programming (VIP)

Glasgow: Persona TMC Ltd

198-

Apple Macintosh; £99.95

Disk

Computer programming; Programming languages

An object-oriented approach to programming, which does not use any formal programming language, but allows developer to work within a flow chart-like environment, with program being interpreted and run from within VIP and results displayed on screen. Not an alternative to standard Macintosh development tools, but provides a useful introduction to program concepts. Additional modules available, e.g. communications - £89.95.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Visual memory

Cliffe, R.

Gravesend: Fernleaf Educational Software Ltd

198-

Fearnleaf Pairs

BBC B (disk or cassettes); c.£13.95

Disk or cassettes; documentation

Language; Infant school education; Primary education; Puzzles; Problem solving

Contents: Which place?; Which order? Designed for use with small groups of children

6-8

Vitcom Pro

Bournemouth: AM Technology Ltd.

198-

Apple Macintosh; details from publishers

Disk

Computer programming; Programming languages; Communication

A configurable version of AM Technology communications package which allows developers to design an interface and feature list suitable for their own communications needs. Includes ability to write Macintosh-like interfaces to the host; specific file transfer protocols; and hardware drivers, using the product's SuperScript programming languages. Includes built-in editor; syntax checker and a compiler.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Vivid

Workshop: TGW Software Developments

198.

BBC B; BBC Master; £5.00

Disk

Special educational needs; Computer graphics

6 programs (7 for the Master), of very bright simple patterns, high contrast clear boundaries; bright colours in large areas; some moving or flashing, intended for early attention-getting

work. Contents: Benz; Dizzy; Psycho; Clarence; Coloured triangle; Blank triangle; Bandit (Master only)

5.25" 40t disk unless 80t is requested; will operate on single or double density drives

5+

Vizecon

Maidenhead: McGraw-Hill Book Company (UK) Ltd.

198-

Apple Macintosh; details from publishers

Disk

Economics; Further education; Adult education

An interactive computerised tutorial on the principles of economics, covering trade-offs; demand and supply; equilibrium; income analysis; monetary analysis; aggregate demand and supply; elasticity; production; costs; competition and monopoly. Assumes no prior knowledge of economics. Designed for use with McGraw-Hill's Principles of Economics texts.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration

16+

VMacS

Exeter: Maxima Communications plc

198-

Apple Macintosh; £295.00 (single user); A£795.00 (multi-user)

Disk

Communication

Allows users to store, manage and share Macintosh text, data and program files through a Digital Vax. Also provides bidirectional conversion between Macintosh and Vax/VMS text formats. Allows all Macintosh files to be transferred to a Vax, where they are stored in MacBinary format, and retain original characteristics when returned to a Macintosh. Uses special libraries and sections to allow Macintosh workgroups to exchange and distribute these files. Annotation feature allows description to be added to each file for identification on the Vax.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Vocab

Jones, Christopher

London: Wida Software Ltd

198-

BBC B; BBC B+; BBC Master; £27.50 each version MS DOS; £60.00 each version BBC Econet Level 2/3; £55.00 each version

Disks

Language; English; Modern languages; French; German; Spanish; Italian; Primary education; Secondary education; Authoring aids; Computer games

Six word games based on teacher input word lists/context sentences. Contents: Word order (sentence sorting); Skullman (Hangman involving a blobbed out context sentence); Alphagame (guess the word from its position in the alphabet); Anagrams (animated solving display); Which word (randomly generated multiple-choice); Mindword (guessing game based on inference from letters and position. Available in English; French; German; Spanish and Italian.

Educational Software VIS - VOC

BBC 40/80t; programs convertible by user for Master Compact. MS DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines

Vocab : English version

Jones, Christopher

London: Wida Software Ltd

198-

Vocab

BBC B; BBC B+; BBC Master; £27.50 MS DOS; £60.00 BBC Econet Level 2/3; £55.00

Disk

Language; English; Secondary education; Authoring aids; Computer games

Six word games based on teacher input word lists/context sentences. Contents: Word order (sentence sorting); Skullman (Hangman involving a blobbed out context sentence); Alphagame (guess the word from its position in the alphabet); Anagrams (animated solving display); Which word (randomly generated multiple-choice); Mindword (guessing game based on inference from letters and position. Available also in French; German; Spanish and Italian

BBC 40/80t; programs convertible by user for Master Compact. MS/DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1MB memory & IBMulator

8-15

Vocab : giochi di vocabulario

Jones, Christopher

London: Wida Software Ltd

198-

Vocab

MS DOS; £60.00

Disk

Language; Modern languages; Italian; Primary education; Secondary education; Authoring aids; Computer games

Six word games based on teacher input word lists/context sentences. Contents: Word order (sentence sorting); Skullman (Hangman involving a blobbed out context sentence); Alphagame (guess the word from its position in the alphabet); Anagrams (animated solving display); Which word (randomly generated multiple-choice); Mindword (guessing game based on inference from letters and position. Available also in English; French; German and Spanish

MS/DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1MB memory & IBMulator

8-15

Vocab : jeu de mots

Jones, Christopher

London: Wida Software Ltd

198-

Vocab

BBC B; BBC B+; BBC Master; £27.50 MS DOS; £60.00 BBC Econet Level 2/3; £55.00

Disk

Language; Modern languages; French; Primary education; Secondary education; Authoring aids; Computer games

Six word games based on teacher input word

lists/context sentences. Contents: Word order (sentence sorting); Skullman (Hangman involving a blobbed out context sentence); Alphagame (guess the word from its position in the alphabet); Anagrams (animated solving display); Which word (randomly generated multiple-choice); Mindword (guessing game based on inference from letters and position. Available also in English; German; Spanish and Italian

BBC 40/80t; programs convertible by user for Master Compact. MS/DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1MB memory & IBMulator

8-15

Vocab : vocabulario

Jones, Christopher

London: Wida Software Ltd

198-

Vocab

BBC B; BBC B+; BBC Master; £27.50 MS DOS; £60.00 BBC Econet Level 2/3; £55.00

Disk

Language; Modern languages; Spanish; Primary education; Secondary education; Authoring aids; Computer games

Six word games based on teacher input word lists/context sentences. Contents: Word order (sentence sorting); Skullman (Hangman involving a blobbed out context sentence); Alphagame (guess the word from its position in the alphabet); Anagrams (animated solving display); Which word (randomly generated multiple-choice); Mindword (guessing game based on inference from letters and position. Available also in English; French; German and Italian

BBC 40/80t; programs convertible by user for Master Compact. MS/DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1MB memory & IBMulator

8-15

Vocab : wortspielereien

Jones, Christopher

London: Wida Software Ltd

198-

Vocab

BBC B; BBC B+; BBC Master; £27.50 MS DOS; £60.00 BBC Econet Level 2/3; £55.00

Disk

Language; Modern languages; German; Primary education; Secondary education; Authoring aids; Computer games

Six word games based on teacher input word lists/context sentences. Contents: Word order (sentence sorting); Skullman (Hangman involving a blobbed out context sentence); Alphagame (guess the word from its position in the alphabet); Anagrams (animated solving display); Which word (randomly generated multiple-choice); Mindword (guessing game based on inference from letters and position. Available also in English; French; Spanish and Italian

BBC 40/80t; programs convertible by user for Master Compact. MS/DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1MB memory & IBMulator

8-15

Vocablearn

Dodd, Steven

Blairgowrie: Locheesoft

198-

BBC B; BBC B+; BBC Master 128; BBC Networks; £17.50

Disk

Language; Modern languages; French; Spanish; Italian; Primary education; Secondary education; Sixth form education; Further education

0947584811

A suite of programs for creating/editing vocabulary information files for student exercises/tests. Exercise programs provide aid with grammatical problems. Includes facilities for storing/printing out results. Separate versions available in French, Spanish, Italian.

BBC 40t s/d DFS disk; will also run on ADFS or Network.

7+

Volcanoes

Beddis, Rex; Finney, Andrew

London; Oxford: BBC Enterprises / Longman-Logotron

1988

BBC AIV system; £169.00 + VAT

CAV LV-ROM disk; 1 videodisk; 1 user guide

Geography; Sciences; Primary education; Secondary education; Environmental education

0663228830

Von Thunen

St. Just: MJP (Michael Jay Publications)

198-

BBC B; BBC B+; BBC Master; £15.95 RML Nimbus; details from publishers

Disk

Geography; Economics; Secondary education; Sixth form education; Further education; A level Examinations

A programme summarizing the essentials of Von Thunen's 19c compilation: ideal for revision or private study and as a companion to Central place.

BBC 40t disk unless otherwise requested.

16+

Vowel diagrams

Sherston Software

Sherston: Sherston Software

1985

Phonics

BBC B; BBC B+; BBC Master 128; BBC Master Compact; (single pack) £12.50 BBC B; BBC B+; BBC Master 128; BBC Master Compact; (small lab pack) £25.00 BBC B; BBC B+; BBC Master 128; BBC Master Compact; (large lab pack) £37.50

Single pack: 1 disk; 1 teacher's book Small lab pack: 1 copy of full pack plus 5 extra copies of disk Large lab pack: 2 copies of full pack plus 10 extra copies of disk

English; Language; Reading skills; Primary education; Computer graphics; Spelling; Special educational needs

Includes large colourful lettering, graphics, optional sound effects; electronic blackboards for use with groups; diagnostic testing, records

section, etc. Teacher controls allow program to be tailored to individual pupil's needs.

BBC 40t 5.25" DFS; BBC 80t 5.25" DFS; BBC Compact 3.5" ADFS disk. 3.5" DFS and 5.25" ADFS disks also available

7-10

Vowels

See: Fun with words

Voyage to the stars

Delmonte, Ellis

London: Aurora Educational Software

1988

RM Nimbus 512k: £17.50 RM Nimbus network; £43.75

Disk; manual

Adventure simulation; Astromony; Sciences; Primary education; Secondary education; Puzzles; Problem solving

An adventure simulation of a journey through some 300 stars of the Milky Way Galaxy, in which pupils navigate from a control console beneath the large viewing window of their spaceship. Stars they may visit are real stars, accurately mapped, with details of size, colour, temperature, type and magnitude. Involves using a captain's logbook to record the journey and dealing with strange encounters in space.

Requires colour display.

10-14

Vulcan

Smith, R.T.

London: Cases Computer Simulations Ltd

1986

Spectrum 48/128K; £9.95 Amstrad; £14.95 PC compatible; Atari ST; Amiga; £19.95

Cassette (Spectrum); disk

History; Secondary education; Simulation; Computer games

A simulation of the Tunisian campaign in 1942-43, from the arrival of the Torch Task Force and their race for Tunis to the final battle of Operation Vulcan, including the battles of Kasserine and Mareth. Includes scrolling map, hidden movement, 5 scenarios, air attack phase, strong computer opponent and 5 armies. For 1 or 2 players.

11-Adult

Wage theory

See: Microeconomics pack 1

Wagons west

Brighton: Tressell Publications

198-

BBC B; BBC B+; BBC Master 128; BBC Master Compact; Econet; RM Nimbus; RM Nimbus network; £30.00

Disk; documentation (information sheets; posters; group cards; teachers' notes)

History; Geography; Adventure simulation; Puzzles; Problem solving

0907586252

A wagon train trek simulation set in North America in 1852, in which pupils as emigrants prepare for their journey, buying provisions, wagons and oxen, and set off towards California, resolving the problems they meet en route.

EBBC 40/80t disk; 80t disk can be transferred to Econet levels 2 & 3

110-14

Wake up

See: Touch games 2

Wald

Chepstow: AVP Computing

1198-

German programs with Willi Wunderbar

IBBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £19.50 BBC Master Compact; £21.70 Acorn Archimedes; RM Nimbus; £24.50 IRM Nimbus Network; (up to 16 machines) £45.00; (up to 48 machines) £65.00 Amiga; £24.50 Econet; £58.50

1Disk

German; Modern languages; Secondary education; Computer games; General Certificate of Secondary Education

Presents multi-choice or type-in answer questions in game format. 18 question sets on German phrases and vocabulary are held on data files. Includes facility for user to write extra sets of questions. Correct answers allows to progress through wood towards home.

Only specify 80t if you cannot use 40t disks.

13-16

Walk

MEU Cymru

Glasgow: Scetlander

BBC B; BBC B+; BBC Master 128; £12.50

Disk; Documentation

Mathematics; Computer studies; Puzzles; Problem solving; Primary education; Secondary education; Computer graphics

1855720884

Encourages logical problem solving - pupils three areas by keying in a set of simple commands, which build up into a list or program - an introduction to Logo.

BBC 5.25" disk

9-13

Walk

Cardiff: MEU Cymru

198-

£10.00

Disk

Puzzles; Problem solving; Computer languages

Developed to encourage a logical trial and error approach to problem-solving. Can be used as an introduction to Logo - the pupil 'walks' through any one of three areas - living room, garden or flat, by writing a list of simple commands, which the child can then see being carried out step by step. Includes many editing options.

Walk around the zoo

1855720329 1855720337

See: Pathway to bearings : Suite A

Walk in the woods

See: Teddy bears' picnic

Walkabout

RCEVH (Research Centre for the Education of the Visually Handicapped)

Oldham: Northwest SEMERC

198-

BBC B; BBC B+; BBC Master 128; £7.00

Disk; documentation

Special educational needs; Life skills; Infant school education; Primary education; Secondary education; Further education; Adult education; Computer games

A mobility game, enabling user to "walk" around a map, developing abilities in orientation, particularly for blind or partially sighted children or adults.

Requires speech synthesiser

5+

Wall

See: Multiple switch programs

Wall Street

Brighton: Spartacus Educational Software

1986

Books and software for GCSE

BBC; £13.00 (15% discount if cheque enclosed with order)

Disk; documentation

History; Secondary education; General Certificate of Secondary Education; Simulation

A program simulating the experiences of Americans on the stock market in the 1920s, as pupils consult extracts from the Wall Street Journal and details of a list of American companies, and buy and sell shares over a period of 12 years. Available in set "Books and software for GCSE".

11-16

Walter

Cambridge: Biosoft

198-

Blanchaer Clinical Case Studies

IBM PC/PS2; Apple Macintosh; Apple II; £50.00 (single simulation) Additional simulations on same order £30.00

Disk; manual

Sciences; Simulation; Sixth form education; Further education; Adult education

An interactive simulation - Walter has oedema caused by lowered serum albumin. Simulation includes use of radioisotopes to measure body fluid compartments and turnover of compounds.

5.25" disk Apple II series 3.3 DOS, 64K RAM minimum; IBM PC (CGA/EGA), 3.5" disk also available.

18+

Warehouse game

Chepstow: AVP Computing

BBC B; BBC B+; BBC Master 128; £24.50

Disk

Business education; Secondary education

A simulation of the workings of stock control and the interactions between managers of warehouses and their customers involving a whole class

13-16

Warp

McDonald, M.; Puckup, A.; Oram, P.

London: Capital Media

1985

BBC B; £8.00

Disk

Adult education; Reading skills; Creative writing; Computer games; Special educational needs

An adult literacy pack in which user chooses words associated with a particular setting. These are slotted into a picture set up on screen, and stored for use in various matching games.

BBC 40t s/s, s/d disk.

18+

Watch person

See: Microprimer software : pack 3

Watchperson

See: Therapy games (series 2)

Watchword

Newcastle Upon Tyne: Northern Micromedia

198-

BBC B; BBC Master; £9.50 BBC Master Compact; £11.50

Disk

Language; Spelling; Primary education; Secondary education

A program to assist pupils in self-monitoring and development of oral a written languages skills by using a word list to scan a text file. May also be used as an evaluation tool. Prints out lists of words and additional information to focus on aspects of written language which may not be obvious

7+

Water balance in plants

Netherhall Educational Software

Cambridge: Cambridge Micro Software

198-

BBC B+; BBC Master; £22.50 Econet; £37.50

1 disk; 1 teacher's handbook

Botany; Computer graphics

0521263867 (BBC 40/80t); 0521329140 (Econet 80t)

Illustrates effect of varying water balance in plants - on the whole plant, and on individual tissues, single cells, and molecules.

Econet requires 80t disk; BBC B+ and BBC Master 40/80t.

Water budget game

See: MEP / GAPE Project geography programs

Water content of food

See: Biology class experiments: food energy, water content and hearing age

Water game

Bateson, P.; Shepherd, P.; Wilson, T.R.S. et. al

London: CWDE (Centre for World Development Education) Software
1988

BBC; £16.50 RM Nimbus; £16.50

Disk; booklet; resource materials

Environmental education; Home economics; Primary education; Secondary education; Simulation; Puzzles; Problem solving

0901988138

A simulation based on the daily use and supply of water, in which the user (with one to four friends) goes to a waterless country cottage and has to estimate water needs of humans, animals and crops. User in role of water-carrier moves a figure on the screen to fetch water from river lake or wells, encountering obstacles such as pollution, broken pump or dried-up river. Water is stored in tanks according to decisions taken by the user. After several days, a report is provided giving the consequences of decision taken, covering hazards from pollution. Percentage of proceeds donated to WaterAid.

BBC 40t, 5.25" DFS; BBC 80t, 5.25"; Nimbus PC-186 3.5" disk

8-13

Water manager

Huntingdon: Cambridgeshire Software House
1987

BBC B; BBC B+; BBC Master 128; BBC Master Compact; £18.00

1 disk; resource pack; worksheets

Environmental education; Industry; Secondary education; Simulation

The package consists of several publications relating to the water industry and includes a simulation program in which attempts can be made to manage Anglian Water over a number of years.

12+

Water mill

Spalding: Chalksoft Ltd
1988

BBC B; BBC B+; BBC Master; £17.00 BBC Master Compact; £19.00

Disk; book; copy sheets; teacher manual

Cross curriculum; Craft, design, technology; Primary education Secondary education; Simulation

1851160469

Includes a clear animated demonstration of the internal workings of a water mill, and a simulation where the student runs a mill for a week coping with the decisions and hazards involved, trying to make a profit. Includes 80 page book by John Vince "Discovering Watermills". Useful for topic work on a mill.

3.5"; please state whether 40-track or 80-track disks are required. Option to print to Epson-type printer.

7-14

Water on the land

See: Physical geography pack

Water pollution

Chepstow: AVP Computing
198-

BBC B; BBC B+; BBC Master 128; £19.50 BBC Master Compact; £21.70

Disk

Biology; Ecology; Secondary education; Sixth form education; Further education; Simulation

Pupils, acting as a large town's environmental planning committee, choose a sewage treatment site/level of treatment, locating various industries on the map and deciding on treatment of industrial waste, with the computer showing the effects of waste drainage on oxygen concentration, and the costs of the chosen treatment plant.

Only specify 80t if you cannot use 40t disks.

13+

Water treatment

Oversby, John; Lown, David; Robinson, John; et al.

Harlow: Longman/Logotron

1987

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; Acorn Archimedes; £21.00 BBC Econet levels 2 & 3; SJ file server, AMCOM E-Net; RM Nimbus/Network; £33.00

Disk; 1 teacher's booklet; 1 student's booklet

Sciences; Environmental education; Chemistry; Secondary education; Simulation

0582 006252 (disk); 0582006244 (printed materials)

A simulation of a town's domestic water supply, with pupils monitoring the pH clarity and purity of water as the water flow rate, amount of flocculant, lime or chlorine added is varied.

BBC 40t; 5.25" DFS disk; Archimedes compatible 3.5" disk

11-14

Watering can

See Joystick games 2

Waterloo

See: Battlefields

Watts in your home

Netherhall Educational Software

Cambridge: Cambridge Micro Software

1983

BBC B; BBC B+; BBC Master; £22.50 Econet; £37.50

1 disk; 1 booklet

Home economics; Sciences; Physics; Secondary education

0521259355 (BBC 40t); 0521300541 (Econet 80t)

The program provides an efficient and engaging means of calculating and comparing the cost of energy-consuming devices in the home.

BBC 40t; Econet 80t

11-14

Wave analysis

See: Coastal studies : programs for fieldwork

Wavebig

Ward, R.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1985

BBC B; £6.00

Disk

Physics; Sciences; Secondary education; Simulation

Two simulations of transverse waves using large diagrams seen easily by a whole class: (i) one particle highlighted; amplitude, speed and wavelength variable; (ii) wave travelling into shallow water.

Wavenotes

See: Ripple tank and Wavenotes

Waves

Salford Science Software

Leamington Spa: SPA (Software Production Associates)

198-

BBC B; BBC B+; BBC Master; £ 23.00 Econet; RM Nimbus Network; £55.00

Disk; 1 Manual

Sciences; Physics; Secondary education; Computer graphics

Enables students to see what really happens in wave processes, such as the interference phenomena of standing waves and beats. Four types of wave motion are available; for each, velocity, wavelength, frequency, amplitude, velocity ratio, wavelength difference and frequency difference may be varied.

11-16+

Waving hands

See: Basic package

Way west

Spalding: Chalksoft Ltd; Saxon Software
198-

BBC B; BBC B+; BBC Master; £13.00

Disk

History; Geography; Primary education; Secondary education; Adventure simulation

An historical simulation with the objective of reaching the west coast of America in 1840. Requires careful group decision making to overcome hazards, handle information, read a map, etc.

Please state whether 40-track or 80-track disks are required

10-14

Weather

Willgress, B.

Ashton-under-Lyne: Granada Educational Software

1989

BBC; RML 480Z; RML 380Z; £12.50

Disk; worksheets

Geography; Primary education

A system for storing and retrieving weather data collected daily. Can produce graphs of temperature, humidity, rainfall, etc.

Disk (5 1/4")

7-11

Weather

©Glasgow: Scetlander

IBBC B; BBC B+; BBC Master 128; £10.00 IBM PC (5.25" disk); £22.95 IBM PC (3.5" disk); £22.95

1Disk; Documentation

1Environmental education; Geography; Sciences; 1Mathematics; Primary education; Secondary education

11855720418

1Enables pupils to set up and monitor a weather station, collecting and recording information on rainfall, sunshine, temperature and brightness either over a 5 or a 7 day week. Gives practice in investigating, reporting and accurately recording data.

1BBC 5.25" disk; IBM 5.25" or 3.5" disk. BBC computers can use a screen dump utility to print out recorded data in graphical form. MS DOS achieves printouts via the Graphics command

7-13

Weather

1Beard, Ron

1Hatfield: Advisory Unit

1985

1Quest datafiles

1BBC B; BBC B+; BBC Master 128; BBC Master Compact; Econet; Archimedes; IBM PC and compatibles; RML 480Z; RM Nimbus; £12.00

1Quest chip; 2 disks; 1 booklet

1Databases; Geography; Environmental education; Primary education; Secondary education

0 946039 17 8

1Contains records of daily readings of maximum temperatures, minimum temperatures, sunshine and rainfall for Luton; BBC/RML 480Z covering 1971-1984 with 1954-1970 data available on request; RM Nimbus/PCs/BBC Compact covering 1954-1984. Includes utility for finding averages and totals. Can be interrogated with Oriel. Contained in Quest in schools pack (£70.00). Bulk order discounts available.

Please specify machine version required.

7+

Weather

See: Science start here. 1: Weather, Birds, Myself

Weather

Glasgow: Collins Educational
198-

Microspecial

BBC B; BBC B+; £20.00

Disk; documentation; teacher notes

1Mathematics; Environmental education; Computer studies; Cross curriculum; Life skills; Puzzles; Problem solving; Special educational needs; Secondary education

1A friendly, flexible program using a problem solving, structured approach, allowing teachers to design an individualised program, controlling difficulty level and altering data to suit requirements of pupils. Includes monitoring and assessment facility. Suitable for either individual or group use. Contained in Microspecial pack. Documentation available separately. Bulk purchases and site licences available - details from publishers.

11-15

Weather

See: Dataprobe : the add-on pack

Weather

See: Display data/weather

Weather and climate

Norwich: ITV Schools

1990-

Earthdata; Key datafiles

BBC B; BBC B+; BBC Master 128; £17.25 RM Nimbus; £18.40 Acorn Archimedes; details to be announced

1 disk; User's notes; Information sheets; Worksheets

Geography; Sciences; Primary education; Secondary education; Information handling; Computer graphics

1Datafile for use with Key. Supplies climatic data from 80 stations around the world, enabling students to analyse weather patterns. Designed to meet the requirements of the Earth Sciences aspects of the National Curriculum

BBC, 5.25" DFS; Converts for Key 128 or Key Econet

8-18+

Weather forecasting

Ramsay, A.P.; Bartholomew, A.

Harlow: Longman Micro Software

1984

BBC B; BBC B+; BBC Master 128; £19.50

Disk; 1 documentation booklet

Geography; Secondary education; Sixth form education; Further education
0582265835

1In 2 modes: Teacher mode covers the symbols used on synoptic charts, and includes graphical presentations of typical weather systems over the British Isles; Student mode requires students to identify a randomly selected typical weather situation, and to predict changes in windspeed, cloud cover, weather and temperature

BBC 40t, 5.25" DFS disk

14-18

Weather forecasting

Bartholomew, Anna; Ramsay, Tony

Longbridge Deverill, Warminster: Soft Teach Educational

1986

BBC B; BBC B+; BBC Master 128; £19.50

Disk; manual

Geography; Secondary education; Sixth form education; Further education
0582265835

1Displays 6 different animated synoptic situations, over an 18 hour period, plotting changing weather every 6 hours using standard Met symbols. Can be stopped at any point to allow discussion. Includes databank of 4800 weather conditions; encourages student to assess weather conditions in 24 different sequences.

BBC 5.25" disk

14-18

Weather map plotting

See: Practical meteorology. 1: Large scale weather patterns

Weather watch 1

Birmingham: Daco Software

198-

BBC B; BBC B+; BBC Master; £12.00 A3000 version now available; £15.00

Disk

Geography; Special educational needs; Primary education; Computer graphics

1Pupils keep a simple daily record over a term, using a variety of visually attractive weather symbols. Records can be screened or printed; seen in full, summarised or as a pie chart.

5+

Weather watch 2

Birmingham: Daco Software

198-

BBC B; BBC B+; BBC Master; £12.00 A3000 and Archimedes version now available; £15.00

Disk

Geography; Special educational needs; Primary education; Secondary education; Computer graphics

1A program for recording temperature, air pressure, rain, snow and wind. Records can be shown as graphs, or pie charts; screened or printed. A wind rose may also be shown. Provides for conversion of inches to mm, Fahrenheit to Centigrade, mb to Pa.

7+

Weathering processes

Donert, Karl

St. Just: MJP (Michael Jay Publications)

198-

BBC B; BBC B+; BBC Master; £15.95 RML Nimbus; details from publishers

Disk; worksheets

Geography; Secondary education; Sixth form education; Further education; Computer graphics

1Deals with the processes of weathering in the context of variables of climate, rock type and biotic processes.

BBC 40t disk unless otherwise requested.

12-16+

Weaver

Cave, P.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1987

BBC B; £5.00

Disk; Documentation

1Mathematics; Primary education; Secondary education Computer graphics; Simulation

1Imitates the action of a Jacquard loom. Up to nine cards may be used, a design a pattern that is woven on the screen. Program may also be used to illustrate the results of binary choices.

Weaving

See: Videomaths 1

Wellington at Waterloo

Wright, K.

London: Cases Computer Simulations Ltd
1989

Spectrum 48/128K; £12.95

Cassette

History; Secondary education; Simulation;
Computer games; Puzzles; Problem solving

A simulation of the battle of Waterloo in 1815, in which player commands Wellington's Anglo/Dutch army and 4th corps of Blucher's army, and the computer commands Napoleon's army. Includes scrolling map, infantry, cavalry and artillery units, which can fight in line, column or square, and a comprehensive system of reorganisation within each corps of the player's army. 3 difficulty levels.

11-Adult

Welsh Tutor : level A only

Dunstable: Kosmos Software Ltd

198-

BBC B; BBC B+; BBC Master; Acorn Electron;
(cassette) £8.95 BBC B; BBC B+; BBC Master;
(5.25" disk) £9.95

Disk/cassette

Modern languages; Welsh; Secondary education;
Sixth form education; Further education; Adult
education

Includes extensive vocabulary lists arranged as a series of 16 lessons, on subjects including the family; foods; vehicles; shops; substances; clothes, etc. Sophisticated tuition control allows lessons to be modified to individual requirements. Features self-teach display and self-test modes and facilities for lesson creation/editing.

State whether disk/cassette required and
computer type.

11+

Welsh Tutor : level B only

Dunstable: Kosmos Software Ltd

198-

BBC B; BBC B+; BBC Master; Acorn Electron;
(cassette) £8.95 BBC B; BBC B+; BBC Master;
(5.25" disk) £9.95

Disk/cassette

Modern languages; Welsh; Secondary education;
Sixth form education; Further education; Adult
education

Includes extensive vocabulary lists arranged as a series of 16 lessons, on general vocabulary with adjectives, prepositions & conjunctions, adverbs and fully conjugated verb lists in 5/6 tenses. Sophisticated tuition control allows lessons to be modified to individual requirements. Features self-teach display and self-test modes and facilities for lesson creation/editing.

State whether disk/cassette required and
computer type.

11+

West Africa

Glasgow: CDG (Scotland) Ltd.

198-

BBC B; BBC B+; BBC Master 128; £15.50
Acorn Archimedes; IBM PC; RM Nimbus;
£21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

Geography; Databases; Secondary education

1870307216

A comparative, national survey of West Africa, covering populations; vital statistics; GNP; produce. Structured modular work units accommodate all ability levels; integrate computer procedures and assist in the acquisition of knowledge and understanding, developing enquiry, evaluation and analysis skills, etc. Optional Epson compatible screen dump (BBC/Nimbus only) available - £7.50 (BBC); £13.50 (Nimbus). Discounts available for purchase of any two or more datapacks - details from publishers.

Please state format required: BBC 40 or 80t disk;
IBM PC (EGA/ECD only).

14-16

Western Europe

Glasgow: CDG (Scotland) Ltd.

198-

BBC B; BBC B+; BBC Master 128; £15.50
Acorn Archimedes; IBM PC; RM Nimbus;
£21.50 IBM PC; RM Nimbus network; £32.25

Disk; documentation

Geography; Databases; Secondary education;
Sixth form education

1853950343

A resource bank of comparative, national data on population; economic features; imports/exports; land use; energy; roads; physical relief; rainfall; temperature. Structured modular work units accommodate all ability levels; integrate computer procedures and assist in the acquisition of knowledge and understanding, developing enquiry, evaluation and analysis skills, etc. Optional Epson compatible screen dump (BBC/Nimbus only) available - £7.50 (BBC); £13.50 (Nimbus). Discounts available for purchase of any two or more datapacks - details from publishers.

Please state format required: BBC 40 or 80t disk;
IBM PC (EGA/ECD only).

14-18

Whale adventure

Tuite, Tom

Peterborough: Topologika

1989

Whales and Dolphins Project Pack

BBC B; BBC Master 128; BBC Master Compact;
£23.00 RM Nimbus; Acorn Archimedes/A3000;
£21.0040t; 1 disk; 1 documentation booklet; 2 maps; 1
comic sheet; 1 hints sheet; 1 key stripEnvironmental education; Geography;
Mathematics; Puzzles; Problems solving;
Adventure simulation; Computer games; Cross
curriculum; Sciences; Biology; Primary
education; Secondary education

A graphic adventure game in 3 parts, loosely based on the myth of Moby Dick, which tests map skills, develops understanding of conservation the geography of the Pacific Ocean, networks, navigation and problem solving

8-13+

Whale databaseRaggett, Graham (au.); Friends of the Earth,
Liverpool (program consultants)

Peterborough: Topologika

1987

Whales and Dolphins Project Pack

BBC B; BBC Master 128; BBC Master Compact;
£14.95 Acorn Archimedes/A3000; RM Nimbus;
£14.95

1 disk; 2 leaflets; manual

Databases; Primary education; Secondary
education; Biology; Sciences; Ecology;
Environmental education; Reading skills;
Geography; Cross curriculum

1853350036

A database of facts about whales and dolphins. Includes animated pictures; current population estimates. Useful for developing higher-order reading skills (indexes, searching, compiling, etc.) Contained in Whales and Dolphins project pack

Facility to dump to Epson-type printer

8-13+

Whale gamesTuite, Tom (au.); Friends of the Earth,
Liverpool (program consultants)

Peterborough: Topologika

1987

Whale and Dolphin Project Pack

BBC B; BBC Master 128; BBC Master Compact;
£14.95 Acorn Archimedes; RM Nimbus; £14.95

1 disk; 2 leaflets; 1 keystrip; manual

Biology; Sciences; Ecology; Environmental
education; Primary education; Secondary
education; Computer games; Simulation; Cross
curriculum

1853350044

Contents: Ears that see; (children experience the problems of seeing with sonar and are given the chance to use sound to recognise shapes); Save the whale (simulates the problems of whales trying to reach its breeding ground); Migration quiz (children use their knowledge to steer migrating whales across a map of the world).

8-13+

Whales and dolphins project packVarious; Friends of the Earth, Liverpool
(program consultants)

Peterborough: Topologika

1987

BBC B; BBC Master 128; BBC Master Compact;
£65.00 Acorn Archimedes/A3000; RM Nimbus;
£65.003 disks; resources book; audio tape; tape/slide
set; poster; worksheets; story bookDatabases; Primary education; Secondary
education; Biology; Sciences; Ecology;
Environmental education; Reading skills;
Computer games; Geography; Puzzles; Problem
solving; Adventure simulation; Computer
games; Cross curriculum

Contents: Whale facts; Whale games; Whale adventure. A topic package. Programs available separately.

Facility to dump to Epson-type printer

8-13+

What do we eat?

Segall, E.; Richards, C.

London: CWDE (Centre for World
Development Education) Software

1987

BBC; £13.00

Disk; booklet; 3 worksheets

Home economics; Geography; Cross
curriculum; Primary education; Secondary
education; Information handling

0901988111

A program enabling children to analyse food intake and compare it with that of a different country. Associated work involves using an atlas, keeping diary of food eaten, classifying it according to an FAO classification system, obtaining further information about types of food in country chosen

BBC 40t, 5.25" DFS; BBC 80t, 5.25" disk
8-13

What shall we do?

See Going places

What to take?

See Going places

What to wear?

See Going places

What's it to you?

Nelson, Molly

Newcastle Upon Tyne: Northern Micromedia
1988

BBC B; BBC Master; £13.00 BBC Master Compact; RM Nimbus (BBC Basic); Acorn Archimedes; £15.00

1 disk; 1 documentation booklet; 1 leaflet:
"Sample files on disk"

Personal and social education; Primary education; Secondary education; Simulation; History; Geography; Religious education

Allows teachers to create situations which pupils can explore, and analyse their reactions, attitudes and opinions, leading them to consider events, etc. from a number of points of view and to identify and discuss bias.

11+

What's to eat?

Chepstow: AVP Computing
198-

BBC B; BBC B+; BBC Master 128; £19.50 RM Nimbus; £24.50

Disk; teacher's notes

Home economics; Nutrition; Secondary education; Further education; Sixth form education; Computer graphics

Lists commonly used ingredients used to create 126 dishes; produces printouts of menu, ingredients for each dish and a collated shopping list. Uses Mode 7 colour graphics. Printer optional.

Only specify 80t if you cannot use 40t disks.
13-19

What's to eat?

See: Blob 2

Whatley Quarry

Coventry: Micro Express; NCET/MESU
198

BBC B; BBC B+; BBC Master; £15.00

Disk; documentation

Environmental education; Geography; Primary education; Secondary education; Special educational needs

A resource pack for project work for use with Touch Explorer plus. Based on the effects of a quarry on its environment. Licensing agreements/large bulk orders: details from publishers.

40t disk

5+

Where in Europe and the world is Carmen Sandiego?

London: Wida Software Ltd; Broderbund

198-

MS DOS; £29.95 each version

Disk

Language; Puzzles; Problem solving; Adventure simulation

An adventure game in 2 versions: European and worldwide. Menu operated. Graphics show progress through 30 cities in different countries, as user solves detective mystery from over 1000 clues. When ordering, specify which version is required.

MS/DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1MB memory & IBMulator. Requires CGA Card.

Where shall we go?

See: Going places

Where's Blob?

Hatfield: Wigit Software

198-

BBC B; BBC B+; BBC Master; £15.00

2 disks

Special educational needs; Computer graphics; Preschool education; Infant school education

2 programs for use with very young children and those with severe learning difficulties, at a variety of levels: Out and about; Hide and seek. Develops understanding of cause and effect and use of switch control

Can be adapted for use by a number of input devices, including switches used with an interface box such as Access 3 or Micrex adaptor. Can be used with Concept keyboard, Micromike, speech synthesiser

4+

Wherewozit?

SPA (Software Production Associates)

Leamington Spa: SPA (Software Production Associates)

1986

BBC B; BBC B+; BBC Master; RML 380Z; RML 480Z; £11.00 RM Nimbus; £13.00 RML 480Z Network; £27.00 RM Nimbus Network; £29.00

1 disc; 1 booklet

Puzzles; Problem solving; Reading skills; Preschool education; Infant school education; Primary education; Computer games; Computer graphics

Encourages the development of memory skills, together with skills of shape recognition and discrimination and helps develop early reading skills. Involves picking pairs of similar objects that are hidden in boxes on the screen - different colours, different pictures, different words.

Concept keyboard version with overlay (not Nimbus) available at no extra cost.

4-11

Which and Match

RCEVH (Research Centre for the Education of the Visually Handicapped)

Oldham: Northwest SEMERC

198-

IBM PC; RM Nimbus; £25.00

Disks; documentation

Special educational needs; Life skills; Infant school education; Primary education

To complement the teaching of matching, discrimination and visual memory skills for primary-age children, including visually handicapped with some sight, or the less able, multi-handicapped. Contents: Which block/match block; block; which character/match character; which one/match one; which word/match word. The match disk is used for matching an item in the centre of the screen with up to 4 items at the side of the screen; the which disk is used to find the odd one out of up to 4 items around the edge of the screen.

5+

Which block and Match block

RCEVH (Research Centre for the Education of the Visually Handicapped)

Oldham: Northwest SEMERC

198-

BBC B; BBC B+; BBC Master 128; £14.00

2 disks; documentation

Special educational needs; Life skills; Infant school education; Primary education

To complement the teaching of matching, discrimination and visual memory skills for primary-age children, including visually handicapped with some sight, or the less able, multi-handicapped. The match disk is used for matching an item in the centre of the screen with up to 4 items at the side of the screen; the which disk is used to find the odd one out of up to 4 items around the edge of the screen.

Input via Touch screen or Concept keyboard or Joystick or 4 user port switches or bbc keyboard
5+

Which character and Match character

RCEVH (Research Centre for the Education of the Visually Handicapped)

Oldham: Northwest SEMERC

198-

BBC B; BBC B+; BBC Master 128; £14.00

2 disks; documentation

Special educational needs; Life skills; Infant school education; Primary education

To complement the teaching of matching, discrimination and visual memory skills for primary-age children, including visually handicapped with some sight, or the less able, multi-handicapped. The match disk is used for matching an item in the centre of the screen with up to 4 items at the side of the screen; the which disk is used to find the odd one out of up to 4 items around the edge of the screen.

Input via Touch screen or Concept keyboard or Joystick or 4 user port switches or BBC keyboard
5+

Which flower?

Banks, David; Sowden, Ian S.

Doncaster: RESOURCE

198-

BBC B; BBC Master 128; £14.50

1 disc; 1 booklet

Botany; Biology; Primary education; Databases

A simple database of 60+ flowers, which aims to develop observational skills, an understanding of classification, search strategies in using a database, and to encourage the use of other source material. Database can be added to if required. LEA/Regional licences and bulk purchase discount available.

5.25" 40t DFS; 80t DFS available - surcharge £1.50 per disk

8-15

Which load?

Anlon, J.; Kwenn, L.; Druz, D.

Gravesend: Fernleaf Educational Software Ltd

198-

BBC B (disk); £11.26 BBC B(cassette); £8.65

Disk or cassette

Language; Primary education; Secondary education; Puzzles; Problem solving

Contained in Roads. Designed for use with small groups of children. Delivery driver has to earn as much as possible over two or three day delivery schedules on the basis of payment by weight/distance each crate is carried.

8-12

Which one and Match one

RCEVH (Research Centre for the Education of the Visually Handicapped)

Oldham: Northwest SEMERC

198-

BBC B; BBC B+; BBC Master 128; £14.00

2 disks; documentation

Special educational needs; Life skills; Infant school education; Primary education

To complement the teaching of matching, discrimination and visual memory skills for primary-age children, including visually handicapped with some sight, or the less able, multi-handicapped. The match disk is used for matching an item in the centre of the screen with up to 4 items at the side of the screen; the which disk is used to find the odd one out of up to 4 items around the edge of the screen.

Input via Touch screen or Concept keyboard or Joystick or 4 user port switches or BBC keyboard 5+

Which order?

See: Visual memory

Which place?

See: Visual memory

Which way home?

See: Blob 1

Which word and Match word

RCEVH (Research Centre for the Education of the Visually Handicapped)

Oldham: Northwest SEMERC

198-

BBC B; BBC B+; BBC Master 128; £14.00

2 disks; documentation

Special educational needs; Life skills; Infant school education; Primary education

To complement the teaching of matching, discrimination and visual memory skills for primary-age children, including visually handicapped with some sight, or the less able, multi-handicapped. The match disk is used for matching an item in the centre of the screen with up to 4 items at the side of the screen; the which disk is used to find the odd one out of up to 4 items around the edge of the screen.

Input via Touch screen or Concept keyboard or Joystick or 4 user port switches or BBC keyboard 5+

Whispy wood

Allen, Derek; Rybak, Rob; Hyde, Bill

Doncaster: RESOURCE

198-

BBC B; BBC Master 128; BBC Master Compact; £18.50

1 disk; teacher's documentation; 1 book

Environmental education; Biology; Botany; Ecology; Puzzles; Problem solving; Primary education; Secondary education

An introduction to the rural environment, teaching observation, investigation and problem solving skills as children help Munchie the caterpillar explore deciduous woodland, its trees, plants, birds, animals, smells, etc. LEA/Regional licences and bulk purchase discount available.

BBC B/Master 5.25" 40t DFS; Master 128 5.25" ADFS; Compact 3.5" ADFS. 80t DFS available - £1.50 surcharge per disk

9-13

White knight Mk 12

Bryant, Martin

London: BBC Enterprises / Longman-Logotron

1989

BBC B; BBC B+; BBC Master 128; BBC Master Compact; £14.95

1 disk; 1 documentation booklet

Computer games; Secondary education; Primary education

0563211806 (5.25" disk); 0563213299 (3.5" disk)

Chess program over four times as powerful as its precursor White knight Mk 11. Features include a "thinking moves ahead" display and a facility to step forwards or backwards through 120 moves.

Operating system 1.2, DFS 0.90 or higher.

7-Adult

Whitley Bay census resource pack

North Tyneside History Computer Group

Newcastle Upon Tyne: Northern Micromedia

1988

BBC B; BBC Master; RM Nimbus; £15.00

6 disks; comprehensive resource material; Key and Quest Format

History; Databases; Statistics; Primary education; Primary education; Secondary education; Sociology; Cross curriculum

A census database program based upon data for the Whitley Bay area for the years 1851-1881

13+

Who

See: Evidence

Who's there

See: Blob 1

Whow

Beauchamp, Christopher

Birmingham: Newman Software

1990

RM Nimbus; £20.00

1 disk; 1 documentation manual

Language; English; Spelling; Infant education; Primary education; Word processing

An easy to use word processor which can be operated from the concept keyboard or mouse. Teachers can type in up to three pages of pre-selected words

Version 1.0b

5-7+

Widget quest

Leamington Spa: SPA (Software Production Associates)

1986

RML 380Z; RML 480Z; £15.00 RML 480Z Network; £39.00

1 disk; 1 instruction sheet

Simulation; Adventure simulation; Puzzles; Problem solving; Primary education; Secondary education; Computer games

An adventure game in space, designed to be non-sexist and to encourage non-violent solutions to problems. Widget Quest Solution may be purchased at £6.00. The Widget quest is also available with Adventure in Twin adventure package.

5-16+

Wilcoxon test

See: Geography data processing. 2: Statistical methods

Wilcoxon test

See: Ecology data processing. 2: Statistical methods

Wild flowers

London: ITV Schools

1990

BBC B; BBC B+; BBC Master 128; £17.50

1 disk

Environmental education; Biology; Sciences; Primary education; Databases; Information handling

Children collect data and use it to match characteristics of their wild flowers to those shown on the screen. 600 different flowers. Associated ITV Schools programmes: Environments; A place to live.

5.25", DFS

Wild things

Edinburgh: Apple Developers Group; Language Systems Corporation
1998.

Apple Macintosh; £109.25

Disk

Mathematics; Statistics; Computer graphics; Utilities

A compendium of tools, containing 40 complete XCMDs and XFCNs; 4 fully functional stacks illustrating HyperTalk techniques; Wildicons stand-alone icon editor; ability to move resources without leaving HyperCard. Programming tools include complete source code for all included XCMDs, XFCNs in Pascal, FORTRAN and C; templates to automate the process of creating XCMDs and XFCNs; glue routines allowing values to be passed to HyperCard and HyperCard routines to be called from XCMDs.

* Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Wilderness

See: VETAS (O/T remedial software series 3)

Wildlife survival

See Evolve

Wilt

Harrison, Colin; Pierson, Andrew
Harlow: Longman Micro Software
198-

BBC B; BBC B+; BBC Master 128; Acorn Archimedes; £19.50 BBC Econet; SJ file server; AMCOM E-Net; £30.00

Disk

English; Spelling; Primary education; Secondary education; Computer games

Spelling game based on principle similar to Hangman. Provides three graded sets of the most usual misspelt words. Option for teacher input lists.

BBC 40t, 5.25" DFS disk; BBC 80t, 5.25" disk; Archimedes compatible 3.5" disk

11-14

Windmill game

See: Industrial pack

Windoid

Lefflet, D. (ed.)

Edinburgh: Apple Developers Group
198-

Apple Macintosh; available on receipt of Windoid disk plus stamped addressed envelope.

Disk

Newsletter of the US HyperCard User group, containing useful HyperTalk scripts. Textual in format. Normally distributed in MacWrite or ASCII format via bulletin boards. First 7 editions available on disk as part of the HyperCard Developers Toolkit pack. Disk-based copy updated by returning Windoid disk with s.a.e.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Window

Dyke, Bob; Tait, Jean; King, David; et al
Coventry: NCET/MESU

1988

BBC B; BBC B+; BBC Master; £9.95

3 disks, s/s; 1 booklet; 3 overlays (A3 & A4)

Utilities; Primary education; Special educational needs; Language; Cross curriculum

Allows pictures or text to be "hidden" on screen and disclosed gradually. As pupils move the window around the screen they are encouraged to speculate on the whole image, thus promoting discussion and group work. Licensing agreements/large bulk orders: details from publishers.

40t disk

5+

Windows

See: Number grids

Wingz

Ashford: Informix Software Ltd.

198-

Apple Macintosh; £295.00

Disk

Spreadsheets; Computer graphics

Incorporates features of easy to use worksheet-based (32,768 line by 32,768 column) document processor with presentation text and 3D graphics. Provides flexibility in manipulating numbers, and turning data into graphics. Offers full colour support for Macintosh II workstations.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Wire/EDM

Princes Risborough: System 3R (UK) Ltd.

198-

MGM Station CAD/CAM 2.5

Apple Macintosh; £5,960.50 or £1,153.60 for customers who have previously purchased one of the series.

Disk

Computer assisted design; Design; Craft, design, technology; Engineering; Utilities

A fully integrated design and manufacturing software package, producing CNC program files which can then be downloaded to the machine tool controller. Using the file created in the CAD part of the system, operations needed by the machine tool to complete the part are entered graphically on the screen. Spindle speeds and feeds are computed automatically. Tool change commands and selection are automatically optimised.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Witch way

Birmingham: Daco Software

198-

BBC B; BBC B+; BBC Master; £12.95 A3000 and Archimedes version now available; £15.95

Disk

Puzzles; Problem solving; Cross curriculum; Special educational needs; Primary education; Secondary education

An adventure program in which the pupil has to reach the far corner of a 1000-room castle, through finding the right keys to open doors. Keys are obtained by correctly answering questions inside boxes. Pupils have to avoid witches and gremlins who steal keys or plunge the castle into darkness. Facility for teacher to include own questions on preferred topics at any level of difficulty.

5+

Wizard strikes back

Newman, Barry; Cubitt, Bernice

Huntingdon: Cambridgeshire Software House
1988

BBC B; BBC B+; BBC Master 128; BBC Master Compact; RM Nimbus; £24.00 Network; £40.00 Site licence; £45.00

1 disk; 1 audio cassette; 1 story book

Language; English; Modern languages; French; German; Infant school education; Primary education; Adventure simulation

The game is designed as a follow-up story to 'The princess and the ring' where the Wizard has lost control over the magic ring. The RM Nimbus software is available in English, French or German, while the Acorn version in English or French. Not necessary to have used "Princess" first.

6+

Wizard's return

Hosler, Simon

Sherston: Sherston Software

1985

BBC B; BBC B+; BBC Master 128; BBC Master Compact; (single pack) £20.00 BBC B; BBC B+; BBC Master 128; BBC Master Compact; (small lab pack) £40.00 BBC B; BBC B+; BBC Master 128; BBC Master Compact; (large lab pack) £60.00 BBC Econet; £44.00

Single pack: 1 disk; teacher's notes; children's illustrated booklet; National curriculum flowchart. Small lab pack: 1 copy of full pack plus 5 extra copies of disk. Large lab pack: 2 copies of full pack plus 10 extra copies of disk

Mathematics; Primary education; Computer graphics; Puzzles; Problem solving; Adventure simulation

A sequel to Wizard's Revenge. Children tackle a series of mathematical challenges as they try to rescue the Dragon King from an underwater prison. 2 difficulty levels. National curriculum pack available, £4.95.

BBC 40t 5.25" DFS; BBC 80t 5.25" DFS; BBC Compact 3.5" ADFS disk. 3.5" DFS and 5.25" ADFS disks also available

9-11

Wizard's revenge

Hosler, Simon

Sherston: Sherston Software

1986

BBC B; BBC B+; BBC Master 128; BBC Master Compact; Acorn Archimedes; Acorn A3000; (single pack) £15.50 BBC B; BBC B+; BBC Master 128; BBC Master Compact; Acorn Archimedes; Acorn A3000; (small lab pack) £31.00 BBC B; BBC B+; BBC Master 128; BBC Master Compact; Acorn Archimedes; Acorn A3000; (large lab pack) £46.50 BBC Econet; £34.00

Single pack: 1 disk; teacher's notes; children's illustrated booklet; National curriculum flowcharts; checklist. Small lab pack: 1 copy of full pack plus 5 extra copies of disk. Large lab pack: 2 copies of full pack plus 10 extra copies of disk.

Mathematics; Puzzles; Problem solving; Language; Primary education; Computer graphics

A mathematical adventure, promoting decision making, planning, logical thinking, co-operation and team work. National curriculum pack available at £4.95

BBC 40t 5.25" DFS; BBC 80t 5.25" DFS; BBC Compact 3.5" ADFS disk. 3.5" DFS and 5.25" ADFS disks also available

7-10

Wmail

Walton, David

Abingdon: Flexible Software Ltd

1989

RM Nimbus; RML 480Z; RM RML Network; £17.00

1 disk; 1 documentation booklet

Word processing; Utilities; Secondary education; Sixth form education; Further education

Illustrates principles of mail merge and can be used for real mail merge applications. Requires the word processing program Write to create the framework text to be merged with the Quest-compatible data file. Includes Query language which allows any part of the data to be selected. Bulk discounts; LEA licences available. Additional copy of booklet; £5.00.

RM Nimbus 3.5" disk; RML 480Z 5.25" disk 13-18

Wood

See: Plant ecology field study techniques

Wood game

See: Hereward the rebel.

Word builder mark 2

Sherston Software

Sherston: Sherston Software

1986

Phonics

BBC B; BBC B+; BBC Master 128; BBC Master Compact; (single pack) £12.00 BBC B; BBC B+; BBC Master 128; BBC Master Compact; (small lab pack) £24.00 BBC B; BBC B+; BBC Master 128; BBC Master Compact; (large lab pack) £36.00

Single pack: 1 disk; 1 teacher's book Small lab pack: 1 copy of full pack plus 5 extra copies of disk Large lab pack: 2 copies of full pack plus 10 extra copies of disk

Language; Reading skills; Infant school education; Primary education; Computer graphics; Spelling; Special educational needs

Includes large colourful lettering, graphics, optional sound effects; electronic blackboards for use with groups; diagnostic testing, records section, etc. Teacher controls allow program to be tailored to individual pupil's needs

BBC 40t 5.25" DFS; BBC 80t 5.25" DFS; BBC Compact 3.5" ADFS disk. 3.5" DFS and 5.25" ADFS disks also available

5-9

Word challenge

See: Games with words: pack 2

Word fun

Ashton-under-Lyne: Granada Educational Software

1989

BBC; RML 480Z; £9.00

English; Language; Cross curriculum; Infant school education; Primary education

A scaled down version of Super square, for younger children - a list of words is typed in, a square is displayed on screen, and children work together to find hidden words.

Disk (5 1/4")

5-7

Word games

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £19.50 Econet; £58.50 RM Nimbus; £24.50

Disk

English; French; German; Italian; Spanish; Modern languages; Secondary education; Sixth form education; Further education; Computer games; Puzzles; Problem solving; Content free programs

Contents: Snap; Memory; Wordsquare - 3 games based on sets of words entered in advance by the teacher and stored on separate disk. Incorporates French, German, Italian and Spanish character sets. Also includes a Wordsearch program.

Only specify 80t if you cannot use 40t disks.

12+

Word hunt 1

Chester: PRISMA Software

198-

Word hunt : Play and read plus

BBC B; BBC Master; £12.00 BBC Master Compact; RM Nimbus; £15.00 IBM PC and compatibles; details from publishers

Disk; documentation (instruction book)

Reading skills; Spelling; Creative writing; Computer games; Special educational needs; Infant school education; Primary education; Secondary education

A cloze procedure for beginners - develops comprehension, reasoning and spelling skills. Uses the words from New game. Contents: Choose a word (children insert missing words using context clues); Find the words (children have to draw on knowledge of words learned so far to build up a story starting with no words on the screen at the start of the game); Sentence. Encourages development of reading, writing, spelling and sentence sequencing skills.

5+

Word hunt 2

Chester: PRISMA Software

198-

Word hunt : Play and read plus

BBC B; BBC Master; £12.00 BBC Master Compact; RM Nimbus; £15.00 IBM PC and compatibles; details from publishers

Disk; documentation (instruction book)

Reading skills; Spelling; Creative writing;

Computer games; Special educational needs; Infant school education; Primary education; Secondary education

A cloze procedure for beginners - develops comprehension, reasoning and spelling skills. Uses the words from New shoes. Contents: Choose a word (children insert missing words using context clues); Find the words (children have to draw on knowledge of words learned so far to build up a story starting with no words on the screen at the start of the game); Sentence. Encourages development of reading, writing, spelling and sentence sequencing skills.

5+

Word hunt 3

Chester: PRISMA Software

198-

Word hunt : Play and read plus

BBC B; BBC Master; £12.00 BBC Master Compact; RM Nimbus; £15.00 IBM PC and compatibles; details from publishers

Disk; documentation (instruction book)

Reading skills; Spelling; Creative writing; Computer games; Special educational needs; Infant school education; Primary education

A cloze procedure for beginners - develops comprehension, reasoning and spelling skills. Uses the words from New friends. Contents: Choose a word (children insert missing words using context clues); Find the words (children have to draw on knowledge of words learned so far to build up a story starting with no words on the screen at the start of the game); Sentence. Encourages development of reading, writing, spelling and sentence sequencing skills.

5+

Word index

See: Science in process : pack 7

Word matching

Waites, Nick

Plymouth: Garland Computing

1985

Make Sam smile

BBC B; BBC B+; BBC Master 128; £11.75 Econet; £29.40

Disk

Reading skills; Special educational needs; Preschool education; Infant school education; Primary education; Computer graphics

Encourages child beginning to read - objects displayed on screen have to be matched to the appropriate word. Correct responses rewarded with animations. 3 variations on the basic theme. Available in Make Sam Smile collection. Site licences, multiple copy discounts available; details from publishers

BBC 40 or 80t (please specify)

4+

Word processing and simulations

Integrated Resources Project

Newcastle Upon Tyne: Northern Micromedia

1989

Inset Packs (IRP)

BBC B; BBC Master; £27.00

Disk; resource pack

Word processing; Simulation; Cross curriculum; Inservice education

School-based inset materials aimed to support teacher development towards the use of the microcomputer in an integrated approach in the classroom. Focussed on the use of a simulation (camping) with a WP package (Folio)

Word processor

Studley: LTS (Learning and Training Systems) 198-

Forte

Acorn Archimedes with PC emulator; RM Nimbus PC186 with 1Mb., PC286, AX, VX; IBM PCs PS/2 and compatibles; £30; add £30 site/network licence

Business education; Computer studies; Cross curriculum; Word processing; Primary education; Secondary education; Sixth form education; Further education

Contained in Forte. 3 word processors - a text/editor/business word processor; a WYSIWYG graphics word processor and an enhanced word processor for EGA micros. Text may be used in other applications in the Forte suite or by packages such as a DTP program. Prints on Epson compatible printers

Archimedes requires PC emulator; RM Nimbus PC186 requires 1Mb.

10-18+

Word quest

Preston: Systec

198-

Apple Macintosh; £24.50

Disk; user instructions; "Word Quest" by Dr Michael Thomson

Reading skills; Spelling; Computer graphics; Computer games; Primary education

A computerised version of the book, included in the package. An adventure game with interactive structured activities to develop reading and spelling skills.

800k program disk; please check required configuration.

7+

Word sheet maker

See: Helping with spelling

Word skill

Spalding: Chalksoft Ltd 198-

Language lab

BBC B; BBC B+; BBC Master; £15.00 BBC Master Compact; £17.00

Disk 40t/80t/3.5"

Reading skills; Language; Spelling; Primary education; Secondary education; Further education; Special educational needs Computer games

1851160027

Extends higher order reading, prediction and vocabulary skills, improves spelling and prediction. Develops strategy skills as children choose letters to fill in spaces left in short phrases and sentences.

Please state whether 40-track or 80-track disks are required.

7-18

Word square

See: Deutsch direkt!

Wordbank

Doncaster: RESOURCE

198-

BBC B; BBC Master 128; £14.50

Disk; documentation

Word processing; Primary education; Special educational needs

A word processor aimed at slow learners. LEA/Regional licences and bulk purchase discount available

BBC B/Master 5.25" 40t DFS; 80t DFS available - £1.50 surcharge per disk

5+

Wordcross

See: Therapy games

Wordhang

Bourne Educational Software Ltd

1983

BBC B cassette; Acorn Electron cassette; Amstrad CPC 464 cassette; £9.95 BBC B (disk); £14.95

1 cassette/disk; 1 booklet

Language; Spelling; Infant school education; Primary education; Special educational needs; Computer games

A word guessing game to encourage spelling skills. Program selects a mystery word (from some 250), which the child has to discover by choosing appropriate letters. Facility for adding more words.

BBC 5.25" disk; 40/80t. BES monitor facilities.

5+

Wordin

See: Set of 13 reading and spelling programs

Wordpack 1 : optional compatible enhancement for Pixel perfect

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; Electron (BBC DFS); £12.50 Master Compact; £14.70 Acorn Archimedes; £24.50

Disk

Computer studies; Desktop publishing; Word processing; Secondary education; Sixth form education; Further education

3 specialised wordprocessor fonts: Italic (94 characters); Typing (94 characters); and Gracile (94 characters) - to maximise the text handling power of Pixel perfect.

Only specify 80t if you cannot use 40t disks.

Wordpix

See: Project programs : second stage

Wordplay

Backwell, Bristol: Arrowsoft Educational Software

198-

BBC B; BBC Master; £18.50

Disk

Language; Special educational needs; Infant school education; Computer graphics; Primary education

9 programs to assist language development of young hearing impaired children and other children with special educational needs, with each program based upon particular topics, e.g. Clothes, Pets, Shapes.

4+

Wordplay

Guildford: Palantir Software Ltd.

198-

Apple Macintosh; £19.95

Disk

Authoring aids; Cross curriculum; English; Modern languages; Puzzles; Problem solving; Secondary education; Further education

A crossword construction program to increase a student's vocabulary and mental agility. Contains over 50 puzzles with range of difficulty levels. Facility for teachers or users to create own puzzles. Up to 5 kinds of on-line help available. Print facility.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

12+

Wordplay

See: Games, activities and investigations volume 2

Wordplay

See: Language work in the classroom

Wordpower : the universal word processor

Ian Copestake Software

Wirral: Ian Copestake Software

1987

BBC B; BBC B+; BBC Master; Acorn Electron; Acorn Archimedes; £36.00 Network/Site licence; £100.00

Disk; manual; rom when required; wordpower help sheets

Word processing; Cross curriculum; Primary education; Secondary education; Further education; Languages; Mathematics

A wordprocessing package - includes editing (block copy, move, erase); flexible search and replace facility; mail merging and automated back-up filing procedures. Power Fonts for special characters e.g. for foreign language, mathematics and scientific work - and for alternative typefaces are available at £19.00 each. Powerfont NTQ for 9-pin dot matrix printer users also available as optional extra at £32.00, providing access to some 50 typefaces. Details from publishers.

Specify computer and disk type when ordering.

7+

Words

Rees, John

Cardiff: Drake Educational Associates

198-
Visual discrimination
BBC B; BBC B+; BBC Master; £12.00
1 disk; 1 booklet
Language; Reading skills; Infant school education; Primary education; Special educational needs
This series is designed to help with reading by development of perceptual abilities as a pre-reading activity. The program is written with a multiple-choice format
5-11

Words

See: Deutsch direkt!

Words

See: Project programs : third stage

Words and pictures

Spalding: Chalksoft Ltd
198-
BBC B; BBC B+; BBC Master; £15.00 BBC Master Compact; £17.00
1 disk; 40t/80t/3.5"
Language; Preschool education; Infant school education; Primary education; Special educational needs; Computer games
1851160035
Uses 47 important early words; children match each word to one of four pictures. The word is presented either alone or in a simple sentence. Performance record option.
Please state whether 40-track or 80-track disks are required.
3-7+

Words and sentences 1

Chester: PRISMA Software
198-
Words and sentences : Play and read plus
BBC B; BBC Master; £12.00 BBC Master Compact; RM Nimbus; £15.00 IBM PC and compatibles; details from publishers
Disk; documentation (instruction book)
Reading skills; Spelling; Creative writing; Computer games; Special educational needs; Infant school education; Primary education;
Uses the words from New game. Contents: Finish a sentence; Make a sentence. Encourages development of reading, writing, spelling and sentence sequencing skills. Finish a sentence involves inserting on the missing word. Make a sentence allows user to chose words to build up longer sentences, gain proficiency in sequencing and prove understanding of what is read.
5+

Words and sentences 2

Chester: PRISMA Software
198-
Words and sentences : Play and read plus
BBC B; BBC Master; £12.00 BBC Master Compact; RM Nimbus; £15.00 IBM PC and compatibles; details from publishers
Disk; documentation (instruction book)
Reading skills; Spelling; Creative writing;

Computer games; Special educational needs; Infant school education; Primary education;
Uses the words from New shoes. Contents: Finish a sentence; Make a sentence. Encourages development of reading, writing, spelling and sentence sequencing skills. Finish a sentence involves inserting on the missing word. Make a sentence allows user to choose words to build up longer sentences, gain proficiency in sequencing and prove understanding of what is read.
5+

Words and sentences 3

Chester: PRISMA Software
198-
Words and sentences : Play and read plus
BBC B; BBC Master; £12.00 BBC Master Compact; RM Nimbus; £15.00 IBM PC and compatibles; details from publishers
Disk; documentation (instruction book)
Reading skills; Spelling; Creative writing; Computer games; Special educational needs; Infant school education; Primary education;
Uses the words from New friends. Contents: Finish a sentence; Make a sentence. Encourages development of reading, writing, spelling and sentence sequencing skills. Finish a sentence involves inserting on the missing word. Make a sentence allows user to choose words to build up longer sentences, gain proficiency in sequencing and prove understanding of what is read.
5+

Words from words

See: Games with words: pack 2

Words, words, words

Stonier, Tom
Wisbech, Cambs.: esm
1985
Best four language
BBC B; B+; BBC Master 128; £14.95
Disk
Spelling; Reading skills; English; Language; Primary education
Children build scenes by recognising and spelling correctly the names of objects. When they have labelled all 8-10 objects in pictures of city, street, house, park, zoo, orchard, farm and castle, the pictures come to life and link together to develop a new story each time the program is used. Contained in Best four language.
BBC 5.25" disk
5-8

Wordsearcher

Hughes, John (original idea); Kaprielian, Richard (modifications)
Oldham: NCET/MESU, North West SEMERC
198-
Blue file
BBC B; £2.50
40t; 1 disk; 1 documentation booklet
Special educational needs; Primary education; English; Language
Creates grids of letters in which the user's selection of words are concealed. Grids can be searched on screen, or printed out in a chosen

number of copies. Solutions may also be printed out. Freely copiable for educational use in the UK.

Wordshapes

Rees, John
Cardiff: Drake Educational Associates
198-
Visual discrimination
BBC B; BBC B+; BBC Master; £12.00
1 disk; 1 booklet
Language; English; Reading skills; Infant school education; Primary education; Special educational needs
The aim of this series is to develop perceptual abilities as a pre-reading activity. A multiple choice format with easy keyboard response makes it suitable for young children or those with special educational needs
5-11

Wordshoot 1

Rees, John
Cardiff: Drake Educational Associates
198-
BBC B; BBC B+; BBC Master; £12.00
1 disk; 1 booklet
Language; English; Reading skills; Primary education; Infant school education; Special educational needs
The program is designed for group activity under the direct control of the teacher. It has 4 sections each containing 10 word endings which do not always follow phonic rules.
5-11

Wordshoot 2

Rees, John
Cardiff: Drake Educational Associates
198-
BBC B; BBC B+; BBC Master; £12.00
1 disk; 1 booklet
Language; English; Reading skills; Infant education; Primary education; Special educational needs
Just like Wordshoot 1, this program has 40 words in 4 sections which do not always follow phonic rules and the teacher is expected to bring it to the childrens' attention
5-11

Wordspinner

London: ITV Schools
198-
BBC B; BBC B+; BBC Master 128; £12.25
Disk
Language; Reading skills; Infant school education; Preschool education; Primary education; Computer games
A package for early and remedial reading in which the micro becomes a letter-based fruit machine, providing a wide range of learning activities, including guessing games, word recognition, rhyming words, missing letters, opposites and word bingo. A3 concept keyboard pack also available, price £4.80. Associated ITV Schools Programme: Storyworld.
5.25" DFS
4-6

Wordsquare

Leamington Spa: SPA (Software production Associates)

1986

IBP PC; RM Nimbus; £13.00 BBC B; BBC B+; BBC Master; RML 380Z (56K); RML 480Z; £11.00 RML 480Z Network; £26.00 RM Nimbus Network £29.00

1 disk; 1 leaflet

Language; Reading skills; Puzzles; Problem solving; Primary education; Secondary education

Wordsquare allows the user to make word squares containing hidden words. There are four levels of difficulty and the word square can be printed out with an answer sheet

RML 380Z needs 56K. Printer is recommended.

6-15

Wordsquare

See : Russian word games

Wordsquares

Green, R.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1982

BBC B; £4.00

Disk

English; Language; Reading skills; Spelling; Puzzles; Primary education; Secondary education

Produces wordsearch puzzles based on words input by user; answer grid also provided.

Requires printer

Wordstore : English version

Jones, Christopher

London: Wida Software Ltd

198-

Wordstore

BBC B; BBC B+; BBC Master; £32.50 MS DOS; £60.00 BBC Econet Level 2/3; £65.00

Disk

Language; English; Primary education; Secondary education; Authoring aids

A dictionary building program for pupil or teacher authoring: users can look up words; browse through definitions; do random vocabulary testing. Useful as a short-term memory store or as a focus for classroom vocabulary building activity. Available also in French; German; Spanish; or Italian.

BBC 40/80; programs convertible by user for Master Compact. MS/DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1MB memory & IBMulator.

8-15

Wordstore : et tous sens

Jones, Christopher

London: Wida Software Ltd

198-

Wordstore

BBC B; BBC B+; BBC Master; £32.50 MS DOS; £60.00 BBC Econet Level 2/3; £65.00

Disk

Modern languages; French; Secondary education; Authoring aids

A dictionary building program for pupil or teacher authoring: users can look up words; browse through definitions; do random vocabulary testing. Useful as a short-term memory store or as a focus for classroom vocabulary building activity. Available also in English; German; Spanish; or Italian.

BBC 40/80; programs convertible by user for Master Compact. MS/DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1MB memory & IBMulator

8-15

Wordstore : il mio dizionario

Jones, Christopher

London: Wida Software Ltd

198-

Wordstore

MS DOS; £60.00

Disk

Modern languages; Italian; Secondary education; Authoring aids

A dictionary building program for pupil or teacher authoring: users can look up words; browse through definitions; do random vocabulary testing. Useful as a short-term memory store or as a focus for classroom vocabulary building activity. Available also in English; French; German; or Spanish.

BBC 40/80; programs convertible by user for Master Compact. MS DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1MB memory & IBMulator

8-15

Wordstore : que significa?

Jones, Christopher

London: Wida Software Ltd

198-

Wordstore

BBC B; BBC B+; BBC Master; £32.50 MS DOS; £60.00 BBC Econet Level 2/3; £65.00

Disk

Modern languages; Spanish; Secondary education Authoring aids

A dictionary building program for pupil or teacher authoring: users can look up words; browse through definitions; do random vocabulary testing. Useful as a short-term memory store or as a focus for classroom vocabulary building activity. Available also in English; French; German or Italian.

BBC 40/80; programs convertible by user for Master Compact. MS/DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1MB memory & IBMulator

8-15

Wordstore : wortbank

Jones, Christopher

London: Wida Software Ltd

198-

Wordstore

BBC B; BBC B+; BBC Master; £32.50 MS DOS; £60.00 BBC Econet Level 2/3; £65.00

Disk

Modern languages; German; Secondary education; Authoring aids

A dictionary building program for pupil or teacher authoring: users can look up words; browse through definitions; do random vocabulary testing. Useful as a short-term memory store or as a focus for classroom vocabulary building activity. Available also in English; French; Spanish; or Italian.

BBC 40/80; programs convertible by user for Master Compact. MS DOS 3.5"/5.25" disk for IBM compatible computers, XT, AT and PS/2 machines with 512K memory and DOS 2.0 or higher; Nimbus PC with 1MB memory & IBMulator

8-15

Wordstretch

See: Dictionary word games : pack 2

Wordtangle

See : Laser letters

Wordweb

Holdsworth, Janet; Leedale, Rik

Wisbech: esm

1987

Primary language software box; Concept software box

BBC B; BBC B+; BBC Master 128; BBC Master Compact; £32.95

5 disks (1 management disk); 1 concept keyboard overlay; 1 teacher's handbook

Language; Reading skills; Spelling; Infant school education; Primary education; Special educational needs; Computer graphics

A suite of programs providing a simple dictionary/thesaurus in the four thematic areas of farm, zoo, home, street, for use in language and reading development. Contained in Primary language software box and in Concept software box.

BBC disks, 5.25"; Master Compact, 3.5". Disk versions 1-1.3.

5-11

Wordwise companion

Llandudno: Micro Help

198-

Micro Help companions (on-screen help)

BBC B; BBC B+; BBC Master; £19.95 (ROM) BBC B; BBC B+; BBC Master; £8.95 (ROM image on disk)

ROM or disk

Word processing; Computer programming; Utilities

Provides on-screen help with a selection of 15 helpscreens appropriate for word processing, utilizing the BBC computer's ability to use up to 240k of sideways ROM in addition to the running language, making it accessible at the same time. Customising service available (£24.95). Available in set of four; or any two ROMS £29.95; any three ROMS £39.95. Discounts offered on quantity orders

ROM or ROM image on disk for loading into Sideways RAM

Wordwise exercises

Chepstow: AVP Computing

198-

BBC B; BBC B+; £19.50 Econet; £58.50

Disk; student progress chart; fact sheets

Word processing; Secondary education; Sixth form education; Further education

Instructive exercises for Wordwise Plus word processor; includes instructions for use, and brief description of main menu functions. Covers insert; overwrite; delete; return; search and replace; use of markers; embedded commands; print commands; paging.

Only specify 80t if you cannot use 40t disks.

11+

Wordwise lexicon

ACE Centre; Beste, Robin

Oldham: NCET/MESU, North West SEMERC

198-

Blue file

BBC B; £2.50

40t; 1 disk; 1 documentation booklet

Special educational needs; Primary education; Secondary education; Word processing; Language; English

An aid to spelling and vocabulary for use with Wordwise plus. A dictionary can be accessed by simply typing the first letter(s) of a required word. The word can then be selected from the alphabetical list presented, using the arrow keys, and added automatically to the current text. 8,000 words are provided, but more can be added very simply. Freely copiable for educational use in the UK.

Wordwise plus dictionary program

Jotham, Dick; Osborne, Roy; Ellis, Margaret; Jotham, Joan

Nottingham: University of Nottingham, Department of Adult Education

198-

BBC B; BBC B+; BBC Master 128; £12.50

1 disk; 1 manual

Language; English; Spelling; Infant school education; Primary education; Word processing; Special educational needs

This program as part of the NewLink Project is designed for those who have spelling problems and those who can only type very slowly. This second category includes disabled people for whom word processing offers a chance to communicate effectively.

It requires a dual disk drive (40 or 80 track, or 40/80 switchable); a Wordwise Plus ROM chip; (the Wordwise, Interword or View wordprocessor ROM chips cannot access this dictionary program)

5-Adult

Wordwise plus literacy pack

Megamy, Jetta; Deesai, Eric

Glasgow: Scetlander

BBC B; BBC B+; BBC Master 128; £42.00 BBC B; BBC B+; BBC Master 128 (including Wordwise Plus chip); £65.00

6 disks; Tutor's booklet; self-study word processing course; library disk; summary and reference cards; tutor program notes

Language; Spelling; Reading skills; Creative writing; Further education; Adult education; Special educational needs; Word processing

1855720825 1855720817

Provides practice in a range of adult basic literacy skills such as spelling, comprehension, letter writing, filling in missing words. All disks have editing facilities and can be tailored to suit individual needs

BBC 5.25" disk. Requires Wordwise plus chip

18+

Wordwise plus utilities

Chepstow: AVP Computing

BBC B; BBC B+; BBC Master 128; £19.50

Business education; Word processing

A suite of programs offering aids to speed up the creation and production of Wordwise documents. Facilities include "search file" - a simple and quick way of locating strings within the main text area, "swap case" - to change the case of words to upper or lower, "block extract" - to build a new file with blocks of text from another file for example, select names and addresses from a mailing list and use them to create another list. Output utilities include a mailmerge facility and label printing

Wordwise window

RCEVH (Research Centre for the Education of the Visually Handicapped)

Oldham: Northwest SEMERC

198-

BBC B; BBC B+; BBC Master 128; £7.00

Disk

Special educational needs; Life skills; Infant school education; Primary education; Secondary education; Further education; Adult education; Word processing

For visually handicapped people with some keyboard skills and some sight, wishing to use software not adapted for the partially sighted. Provides window display of up to 16 characters around point of typing or where the cursor is positioned.

Dolphin Window 16 character display. Requires Computer Concepts Wordwise plus chip.

5+

Work experience administration package

Sheffield: COIC Software

198-

BBC B; BBC B+; BBC Master 128; BBC Master Compact; RM Nimbus; £22.50 Acorn Archimedes; £29.50

Disk;

Schools; Educational administration; Databases; Word processing

Routine administration of work experience - database records details of students, placements, dates, firm and contacts. Word processing and printing facilities.

BBC B, B+, Master 128 (5.25" disks); Master Compact, Archimedes (3.5" disks); Nimbus (3.5" 720k). 5.25" disk versions run under DFS operating Available as part of special offers.

Work in cars

Netherhall Educational Software

Cambridge: Cambridge Micro Software

198-

BBC B+; BBC Master; £22.50

1 disk; 1 teacher's handbook

Physics; Primary education; Secondary education; Simulation

0521263891

Simulates car driving over hilly terrain - explores relationship between kinetic/potential energy and between force/power/work done.

40/80t

Workers and machines

Murley, Tony; Hurd, Stephen; Watson, Deryn; et al.

Harlow: Longman Micro Software

198-

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; Acorn Archimedes; £19.50 BBC Econet levels 2 & 3; SJ file server; AMCOM E-Net; £30.00

1 disk; 1 teachers' guide; students' leaflets

Economics; Sociology; Secondary education; Simulation

A production line simulation - student allocates workers between three separate stages in the production of supermarket trolleys in a factory to achieve a smooth production flow - introducing students to typical production problems, and the social and economic effects of new technology

BBC 40t, 5.25" DFS; BBC 80t, 5.25"; Archimedes compatible 3.5" disk

14-16

Working under pressure

London: British Gas plc

198-

Network for the nation series

BBC B; BBC B+; BBC Master 128; Econet levels 2-3; RML 480Z; RML 480Z network; RM Nimbus; RM Nimbus network; IBP PC; IBM XT; IBM AT; £13.80

Disk; teacher notes; background information; student activities

Sciences; Craft, design, technology; Secondary education; Sixth form education; General Certificate of Secondary Education; A level examinations; Puzzles; Problem solving; Simulation

Students take on the role of pipeline planning engineers, making decisions about pipe diameters and location of gas compressors. They test their pipe against a range of demands for gas, with variables such as weekday and weekend demand, and levels of demand 10 years ahead to ensure pipe has sufficient capacity. Pipeline calculator provides computations of pressure drop and quantity of gas delivered for different lengths and diameters of pipes.

BBC 40t or 80t disk. Please state computer type.

14-18

Working with textiles

Llanelli: Angelsoft Educational

1990

BBC B; BBC B+; BBC Master; details from publishers BBC Master Compact; details from publishers

Disk; teacher guide

Craft, design, technology; Design; Secondary education

Part 1 is for use with small groups of pupils after a class demonstration and discussion on the use of dressmaking patterns and choosing fabrics. Designed for use in conjunction with worksheets, which may be retained as a record.

Part 2 is for use with older pupils on an individual basis as revision

112+

Workshop

See: Education compendium

World builder

Glasgow: Persona TMC Ltd

1198-

Apple Macintosh; £49.95

Disk

Computer programming; Programming languages; Authoring aids; Cross curriculum

Provides all tools necessary for user to create stand-alone packages - e.g. interactive adventure games, storyboard or program mockups. Facilities include ability to create stories with up to 2,500 different scenes; to create graphics within World builder or import them through the Clipboard; customise the commands menu for applications; add digitised sound to the created scenes.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

World count

London: ILECC (Inner London Educational Computing Centre)

1998-

RM Nimbus; RM Nimbus network; £18.00

1 disk; 1 handbook 'How to use Grass'; set of worksheets

Computer studies; Biology; Geography; Sociology; Statistics; Secondary education; Further education; Adult education; Databases; Data processing; Cross curriculum

The core of the pack is the World database which contains information on different countries in the world including capitals, population, area, birth rate, life expectancy. The database is supplied on disk with the Grass database program, and is supported by two books: 'How to use Grass' and World count worksheets. There is an emphasis on how to interpret information from numbers. Relationship between different sets of figures are also explored. The program is also available for the BBC microcomputer from BBC Soft.

11-18+

World development database

Walton, D.; Cook, K.; Segall, E.

London: Longman Micro Software; CWDE (Centre for World Development Education) Software

1988

BBC; GRASS; BBC; QUEST; £18.50 RM Nimbus PC-186; GRASS; RM Nimbus PC-186; QUEST; £24.25

Disk; World Bank's Development Data Book; handbook

Databases; Information handling; Geography; Sociology; Primary education; Secondary education; Further education; Adult education; Statistics

0582009847 (BBC); 0582058872 (Nimbus)

A database of files of data on those 125 countries with population of more than one million. Statistics on 13 social and economic indicators include life expectancy, adult literacy rate, population growth rate, GNP per capita. Allows

user to study wide range of information by searching, comparing and contrasting facts. Facility for graphical representation of data to be produced on screen or on paper. Files available in either GRASS or QUEST versions

Please specify whether GRASS or QUEST version required

8-adult

World distribution of plates

See: Plate tectonics

World history keywords

Brighton: Spartacus Educational Software

1986

Books and software for GCSE

BBC; £13.00 (15% discount if cheque enclosed with order)

Disk; documentation

History; Secondary education; General Certificate of Secondary Education

Students select subject area and are presented with a keyword which they have to link to one of six statements. Covers 14 different subject areas of modern world history and includes 197 keywords. With a printer, will produce "Keyword" worksheets. Available in set "Books and software for GCSE".

11-16

World of Newton

Harlow: Longman Micro Software

198-

Computers in the curriculum

BBC B; BBC B+; BBC Master 128; £19.50

Disk

Sciences; Secondary education; Computer games

Games which allow pupils to explore the behaviour of a small object moving around the screen in accordance with Newton's laws of motion

BBC 40t, 5.25" DFS disk

11-14

World of Scylla

Brighton: Spartacus Educational Software

1988

BBC; £25.00 (15% discount if cheque enclosed with order)

Disk; documentation including 2 each of 18 different laminated workcards

Biology; Sciences; Home economics; Life skills; Secondary education; General Certificate of Secondary Education; Puzzles; Problem solving; Computer games

Tests pupils' knowledge of health education as they have to escape from the underground world inhabited by Obesmo, Syrupos, Addicta and Slotha, monsters representing a major threat to young people's health. In order to escape, the player has to solve a health education problem.

11-16

World population

London: Collins-Longman in association with Anglia Television

1990-

Atlasfile; Key datafiles

BBC B; BBC B+; BBC Master 128; BBC Compact; £15.00 RM Nimbus; £17.25 BBC Master 128/BBC Compact Econet; £21.50

Disk; Book

Geography; Primary education; Secondary education; Information handling; Computer graphics

Datafile for use with Key. Produced by the Collins-Longman Atlas Division with Anglia Television. Links with the other print materials available from Collins-Longman. Carries 32 fields of information for each country in the world, specifically dealing with population statistics. Data can be investigated and plotted onto a world map

BBC B/Master, 5.25" DFS; BBC Master/Compact, 5.25" ADFS; Econet level 2 and 3, NFS

World tour golf

Langley, Nr. Slough: Electronic Arts Ltd

198-

Software classics

Amiga; PC; £9.99

Disk

Computer games; Computer graphics

Allows user to play over 12 of the world's greatest golf courses. Features random weather conditions; animated split screen graphics for each hole. Facility to design own course.

Also available on 3.5" disk for PC.

World War 1

London: Sussex Publications Ltd; World Microfilms

198-

History revision on micro-computer

BBC B; BBC B+; £35.00 Econet level 2; £55.00 2 disks; manual

History; Secondary education; General Certificate of Secondary Education

Practical revision aid, with features including introductory material and maps where relevant. Covers causes and approach of war; Western front; 1914-1918; Gallipoli and the Eastern front; War at sea; the Home front; Weapons in the trenches; Weapons in the air; making peace. Available in set: History revision on micro-computer

BBC 40t or 80t disk

11+

World wide

Studley: LTS (Learning and Training Systems)

198-

BBC B; BBC Master; BBC Master Compact (disk or networked); £25.95

Disk; Manual; Reference materials

Sociology; Economics; Statistics; Secondary education; Sixth form education; Further education; Databases

Databases for 1970, 1977 and 1982 demographic and economic statistics for 165 countries, allowing for analysis between countries and over time. May be used with Desktop.

Network software on 80t DFS with transfer instructions. For stand alone software, please specify format required.

11-18+

World wise

Bourne Educational Software Ltd
1983

BBC B cassette; Amstrad CPC 464 cassette;
£9.95 BBC B (disk); £14.95

1 cassette/disk; 1 booklet

Geography; Primary education; Secondary education

An ideal aid to geography projects on local or world geography. Encourages the use of atlases and reference books as children teach the computer. Children think of a particular geographic feature which the computer tries to guess.

BBC 5.25" disk; 40/80t.

7-15

Worlds without words

Matson, Mike

Barnstable: 4mation Educational Resources
1988

BBC B; BBC B+; BBC Master; £32.50

1 disk; 1 poster; alphabet cards; 1 A3 and 1 A4 Concept keyboard overlay; 1 picture book; 1 story book; 1 software manual; 1 "Using Worlds without words" book; 1 audio cassette

Cross curriculum; Special educational needs; Language; Computer games; Adventure simulation; Music; English; Primary education; Secondary education

A text-free adventure game for use with primary and special needs children, to stimulate discussion, and language work including story writing, drama and artwork. The pack also includes a music cassette.

BBC disk (40t/80t or 3-5 ADFS)

8-Adult

Worst witch

Anderson, Marshall

Sherston: Sherston Software
1988

BBC B; BBC B+; BBC Master 128; BBC Master Compact; (single pack) £21.00 BBC B; BBC B+; BBC Master 128; BBC Master Compact; (small lab pack) £42.00 BBC B; BBC B+; BBC Master 128; BBC Master Compact; (large lab pack) £63.00 Acorn Archimedes "enhanced version" £21.50

Single pack: 1 disk; 1 teacher's book; poster; workcard Small lab pack: 1 copy of full pack plus 5 extra copies of disk Large lab pack: 2 copies of full pack plus 10 extra copies of disk

Language; Reading skills; Primary education; Computer graphics; Adventure simulation

An illustrated text adventure, with the aim of encouraging thorough, careful reading for understanding as children try to rescue the school from the evil witches.

BBC 40t 5.25" DFS; BBC 80t 5.25" DFS; BBC Compact 3.5" ADFS disk. 3.5" DFS and 5.25" ADFS disks also available

7-10

WPlay

Straker, Anita; MEP

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1982

BBC B; RM Nimbus; £2.50

Disk

English; Language; Reading skills; Creative writing; Primary education

Use words and phrases to write poems. Includes sample word lists with "winter" as the theme

Wrecker's rock

Glasgow: Collins Educational; Holmes McDougall Educational Publishing

198-

Adventures in English

BBC; £29.50

Disk; documentation; spiritmaster worksheets

Language; English; Reading skills; Spelling; Art; Craft, design, technology; Cross curriculum; Primary education; Secondary education; Computer games

0715724126

Directly related to the English Alive programme. Develops listening, speaking, reference and comprehension skills. Based on a smuggling theme: in order to avert a crime, pupils have to alert the appropriate authorities using timetables, directories, etc.

9-13

Write

Walton, David

Abingdon: Flexible Software Ltd

1983; 1985 (Nimbus)

RM Nimbus; RML 480Z; RM/RML Network; £25.00

1 disk; 1 booklet

Word processing; Infant school education; Primary education; Secondary education; Sixth form education; Further education

1872449026

Sometimes called Oxfordshire Write. A general purpose WYSIWYG word processing program, including right justification, indents, tabs, complete page size control, find and replace, moving and copying sections of text, etc. Includes full support for the Epson range of printers, and can configure to other makes of printer. Bulk discounts; LEA licences for 480Z version available. Additional copy of booklet; £5.00.

RM Nimbus 3.5" disk; RML 480Z 5.25" disk

5-18+

Write

Edinburgh: CALL (Communication Aids for Language and Learning) Centre

198-

Apple Macintosh; BBC: details from publishers

Disk; manual

Creative writing; Special educational needs

Public domain software

Write a letter

See: Fun school for under 6s

Write on

Leamington Spa: SPA (Software Production Associates)

198-

IBM PC; RM Nimbus; £39.00 RM Nimbus Network; IBM PC Site; £109.00

1 disk; 1 manual

Primary education; Secondary education; Word processing; Desktop publishing

WYSIWYG word processing; beginners use a very simple screen with large letters and uncluttered appearance; as they progress they can use more advanced features. Can include PaintSPA or NewSPAper pictures in documents.

IBM machine require colour EGA or VGA graphics. Concept keyboard version in preparation.

5-16+

Writer

See: Infant pack

Writer

See: Prompt/Writer

Writer

RCEVH (Research Centre for the Education of the Visually Handicapped)

Oldham: Northwest SEMERC

198-

BBC B; BBC B+; BBC Master 128; IBM PC and compatibles; RM Nimbus; £7.00

Disk

Creative writing; Special educational needs; Life skills; Infant school education; Primary education; Secondary education

For the visually handicapped with sufficient sight to read large characters on screen; allows them to create documents creating a text file on disk. Facilities for speaking and spelling the words using a speech synthesiser. Size and colour of screen characters can be adjusted to suit the user.

5+

WSS biology pack 1

Hewitson, John

Harlow: Longman Micro Software

198-

Biology pack

BBC B; BBC B+; BBC Master 128; Acorn Archimedes; £30.00 BBC Econet; SJ file server; AMCOM E-Net; £40.00

Disk

Biology; Secondary education; Sixth form education; Further education; Simulation

Contents: Monohybrid (simulates a monohybrid cross, illustrating Mendel's first law and the 3:1 ratio); Dihybrid (simulates a dihybrid cross, illustrating Mendel's second law and the 9:3:3:1 ratio); Chromosome (six programs simulating all the crosses with Drosophila, including 3:1; 1:1; 9:3:3:1; 1:1:1:1 ratios as well as back crosses illustrating linkage between 2/3 characters at once).

BBC 40t, 5.25" DFS disk; BBC 80t, 5.25" disk; Archimedes compatible 3.5" disk. BBC versions have printer routines

16-18

WSS biology pack 2

Hewitson, John

Harlow: Longman Micro Software

198-

Biology pack

BBC B; BBC B+; BBC Master 128; Acorn Archimedes; £30.00 BBC Econet; SJ file server; AMCOM E-Net; £40.00

1Disk

Biology; Secondary education; Sixth form education; Further education

Contents: Natural selection (Hardy-Weinberg equation, calculating change in proportion of different types of peppered moth through pollution in the 19c.); Genetic drift (the effect of random processes/effect of chance on gene frequency); Evolution (the effects of migration; genetic drift; mutation; selection on large/small populations).

BBC 40t, 5.25" DFS disk; BBC 80t, 5.25" disk; Archimedes compatible 3.5" disk.

116-18

WSS biology pack 3

Hewitson, John

Harlow: Longman Micro Software

1198-

Biology pack

BBC B; BBC B+; BBC Master 128; Acorn Archimedes; £30.00 BBC Econet; SJ file server; AMCOM E-Net; £40.00

1Disk

Biology; Secondary education; Sixth form education; Further education

Contents: Biological control (of whitefly by the Encarsia parasite in a commercial tomato glasshouse); Trawlers (effect of fishing/overfishing); Mesh (fishing of arctic cod in the Barents Sea in the 1960s); Predator-prey (patterns of interaction/results)

BBC 40t, 5.25" DFS disk; BBC 80t, 5.25" disk; Archimedes compatible 3.5" disk

116-18

WSS physics pack 1

Beare, Richard

Harlow: Longman Micro Software

1198-

WSS physics packs

BBC B; BBC B+; BBC Master 128; £30.00

1Disk

Physics; Secondary education; Sixth form education; Further education; Simulation

Contents: Exponential growth and decay (calculates exponential growth or decay behaviour by simplest possible step by step numerical method); Oscillations (2 programs simulating behaviour of simple harmonic oscillator); Projectiles (2 programs calculating the trajectory of a projectile); Orbits and alpha scattering (calculates orbits of planets/satellites by simple step by step numerical method).

BBC 40t, 5.25" DFS disk

14-18

WSS physics pack 2

Beare, Richard

Harlow: Longman Micro Software

1198-

WSS physics packs

BBC B; BBC B+; BBC Master 128; £30.00

1Disk

Physics; Secondary education; Sixth form education; Further education; Simulation

Contents: Alphafoil (simulation of random scattering of alpha particles in Geiger and

Marsden's experiments in which main parameters can be altered individually); Quantum shuffle (heat flow, entropy etc. in an Einstein solid by the random shuffling of quanta); Random walk (simulation of random walk in two dimensions); Ampere (magnetic flux density of straight wire); Millikan (calculating aid for use in conjunction with Millikan's experiment).

BBC 40t, 5.25" DFS disk

16-18

Wulfstan's wordhoard

Keith, George; Chadwick, Geoff

Wisbech, Cambridgeshire: esm

198-

Primary language software box; Secondary software box

BBC B; BBC B+; BBC Master 128; BBC Master Compact; RM Nimbus; £19.95

Disk; teacher's book; story book; photocopy masters; posters

Language; Creative writing; Reading skills; Primary education

Children become apprentices of Wulfstan, an Anglo-saxon storyteller, working in small groups on tasks to stimulate lively discussion, co-operation; reading; writing stories, poems and drama.

BBC 5.25" disk; Compact, RM Nimbus 3.5" disk.

7-12

XOR for schools

Astral Software; Elliot, Henry

Cambridge: Logotron

1987

BBC B; BBC Master; £16.50

2 disk; 40t (program disk 40t/80t); Manual; Maze planner

Cross curriculum; Puzzles; Problem solving; Life skills; Infant school education; Primary education; Secondary education; Computer games

1870251156

As users find their way around a maze, they have to solve a series of logic puzzles. They can create their own mazes and redesign the characters met in the maze.

6-14

Yacht race

See: Introducing map skills 2

Yams

Chepstow: AVP Computing

BBC B; BBC B+; BBC Master 128; £13.50

Mathematics; Cross curriculum; Secondary education

A game of number skills for up to five players (including the computer), using five dice.

11+

Yankee

Wright, K.

London: Cases Computer Simulations Ltd

198-

Spectrum 48/128K; £9.95

Cassette

History; Secondary education; Simulation; Problem solving; Computer games

An historical simulation of battles in the American Civil War in 1863 - Gettysburg and Georgia. Includes use of computer intelligence for the opponent and player's own corps commanders, hidden movement, scrolling map. 3 difficulty levels, 1 player.

11-Adult

Yellow brick road

NEPCUG Group

Newcastle Upon Tyne: Northern Micromedia

198-

BBC B; BBC Master; £15.00 BBC Master Compact; RM Nimbus; Acorn Archimedes; £17.00

Disk; activity sheets; boardgames; artwork

Language; Puzzles; Problem solving; Primary education; Cross curriculum

Intended to form part of a topic based on the story of the Wizard of Oz, with activities designed to develop language, problem solving, decision making prediction and projection skills, as children help Dorothy and Toto on their journey along the Yellow Brick Road

7-9

Yes chancellor

Tuite, Tom

Peterborough: Topologika

1987

CPC (disk and tape); PCW; £14.95 Amstrad; IBM PC; Acorn Archimedes/A3000; £17.50

Disk; booklet

Economics; Politics; Secondary education; Further education; Business education

An economy role-playing game with the player attempting to get to grips with some of the problems facing the Chancellor in raising and spending money, while continuing to win an election every five years

Archimedes version needs PC emulator

14-Adult

Your adventure

Trott, Michael; Muschner, Jorg; Clarke, Trevor

Studley, Warwickshire: LTS (Learning and Training Systems)

1984

BBC B; BBC Master; BBC Master Compact; RML 380Z; RML 480Z; RM Nimbus; £11.95

40t; 1 disk; 1 documentation booklet; 1 map; 1 teachers' notes sheet

Adventure simulation; Computer games; Creative writing; Language; Infant school education; Primary education; Special educational needs

A simple "first-stage" adventure generator, allowing children to create their own adventure games. Includes two games with a language theme.

Please specify format in which material is required.

6-11

Yourfacts

See: Factfile

Zany golf

Langley, Nr. Slough: Electronic Arts Ltd
198-
Amiga; £24.99
Disk
Computer games

Zarkon invasion

See: Arcade 3

ZBasic : version 4.01

Basingstoke: Centreprise
198-
Apple Macintosh; £89.00
Disk
Computer programming; Programming languages
A powerful interactive BASIC compiler with the ability to produce double-clickable applications.
Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Zed

See: Secondary maths 2

ZEM

Abingdon, Oxford: Whittle Systems
198-
IBM PC; Apricot PC; RM Nimbus; £49.95
Disk
Utilities
A full CP/M-80 version 2.2. Z80 emulator, allowing the PC to take advantage of much existing 8 bit software by emulating a generic CP/M Z80 or 8080 micro. Features include huge user program area; Z80/8080 cross-assembly and debugging when combined with a Z80 or 8080 assembler and debugger; interprets full Z80 instruction set; runs CP/M 80 software and interprets full Z80 instruction set. Runs Wordstar, ZSID, Pro Pascal, Aztec C, MSBasic, CBasic, etc.

Zig

See: Longman music pack : composing and experimenting with music

Zonation

See : Fieldata

Zondiag

See : Fieldata

Zoom

See: Teaching with a micro : maths 2

Zoopack

Matson, Mike
Barnstaple: 4mation Educational Resources
1987

BBC B; BBC B+; BBC Master; £27.50 RM Nimbus; £32.50

Disks; 1 software manual; 1 ideas book; activity sheets; 1 illustrated story; zoo information; concept keyboard overlays

Primary education; Special educational needs; Cross curriculum; English; Creative writing; Puzzles; Problem solving

A package of cross-curricular resource materials, intended as the major part of a zoo project
BBC disk (40t/80t or 3.5" ADFS)
5-10

Zulu war

Astros Productions
London: Cases Computer Simulations Ltd
1986
Spectrum 48/128K; £8.95
Cassette
History; Secondary education; Simulation; Computer games; Puzzles; Problem solving
A simulation of the 1879 conflict between the British army under Chelmsford and the Zulu Warriors under their king Cetshwago, featuring the battle of Ulundi and a "what if" scenario of Zulul attacking the Coastal Column at Umlalazi. Includes scrolling map, varied terrain. A 1 player game with 3 difficulty levels.
Kempston joystick compatible
11-Adult

Zzing

See: Pebble shape and form : practical analysis

Z88-MacLink

Cambridge: Human Computer Interface Ltd.
198-
Apple Macintosh; £52.13 (includes cable)
Disk
Communication
A software and cable combination allowing a straight-forward connection between the Cambridge Computer Z88 portable and the Macintosh DB-8 serial port.
Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

Z-test, T-test and U-test

See: Geography data processing. 2: Statistical methods

Z-test, T-test and U-test

See: Ecology data processing. 2: Statistical methods

1st ODE

See: Graphic calculus III : differential equations

101 scripts and buttons

Camberley
198-
Apple Macintosh; £69.95

Disk

Utilities

Masters MXL Ltd - out of business. Provides a large number of useful utilities for HyperCard. Includes 14 XCMDs, wide range of knob-turnable, mouse-movable sound and animation buttons, animated cursors and icons, visual effects, pop-up menus; browsing, painting and text processing tools.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

1066 : the conquest

Clare, John
Durham: Appian Way Software
BBC B; BBC Master 128; RM Nimbus; £25.00
Disk; notes
History; Simulation; Primary education; Secondary education
An interactive simulation that encourages group work and decision-making.
9-14

14

See: Secondary maths 3

15

See: Secondary maths 1

1665 : the great plague of London

Brighton: Tressell Publications
198-
BBC B; BBC B+; BBC Master 128; BBC Master Compact; Econet; RM Nimbus; RM Nimbus network; £30.00
Disk; documentation (pupil guide; teachers' notes)
History; Simulation; Puzzles; Problem solving; Secondary education
0907586333
A simulation of the plague outbreak in London in 1665, which helps pupils to appreciate the conditions of the time - poor housing and sanitation, diseases and limited medical knowledge. Pupils in the role of members of a group responsible for people's health meet regularly and make decisions to try and tackle the problem.
BBC 40/80t disk; 80t disk can be transferred to Econet levels 2 and 3
10-14

1914

Netherhall Educational Software; Kinlock, Nicholas; Poad, Chris
Cambridge: Cambridge Micro Software
1984
BBC B; BBC B+; BBC Master £22.50 Econet; £37.50
1 disk; 1 teacher's handbook; maps
History; Secondary education; Simulation
0521263832 (BBC 40/80t); 0521305950 (Econet 80t)
The aim of this program is to simulate a replay of the campaign in Belgium and Northern France in August and September 1914. It is intended to help students understand the

Problems encountered by the generals of both sides during this decisive campaign.
BBC machines need 40/80t disk; Econet requires 800t disk
1-4-16

11936-1953

Leeds: Yorkshire Television Enterprises
1-198-

How we used to live

BBC B; BBC B+; BBC Master; £36.00

11 disk; 1 teachers' note; pupils' worksheets

History; Sociology; Primary education; Secondary education

This program is one of a set of similar programs which helps extend pupils' knowledge on social and political changes. It is based on the television series 'How we used to live'. There are 4 programs on this disk.

7-14

11992 Executive Project packs : practical language courses in business communication

Septon, Anne; Septon, David

Cambridge: Primrose Publishing

11990

Tick-Tack

£75.00 Economy version for schools; £45.00

1 Disk; project book

Modern languages; English; French; German; Spanish; Secondary education; Sixth form education; Further education; Adult education; Business education; General Certificate of Education;

A series of integrated training packages, for use with the Tick-Tack micro packs, each covering 10 real life business situations, dealing with a specific topic, e.g. inquiries; quotations; complaints; job applications, etc.. Designed to give hands-on experience in writing business letters in foreign languages and covering most forms of business communication - e.g. memos, telexes, reports, telephone conversations, meetings. First published in 1988

Used in conjunction with the Tick-Tack pack and Tick-Tack writer (multilingual word processor). Includes built-in authoring facility
16+

2nd ODE

See: Graphic calculus III : differential equations

20 ready made codelink puzzles

From: Great Elm Services

198-

BBC; Acorn Electron; £7.50

Disk

Language; Spelling; Puzzles; Problem solving; Special educational needs; Computer games;

20 puzzles consisting of a crossword square with just three letters shown in their correct positions. There are no clues but all the other letters have to be fitted into the square to make a valid crossword. More difficult than wordfit puzzles. Partly completed puzzles can be saved. Records players' names and the puzzles they have made and done.

5.25" 40t or 80t disk. Requires only single finger operation on BBC machines

7+

20 ready made wordfit puzzles

From: Great Elm Services

198-

BBC; Acorn Electron; £7.50

Disk

Language; Spelling; Puzzles; Problem solving; Special educational needs; Computer games;

Contains 20 puzzles with the object of fitting in all the given words to make a valid crossword, but with no clues to solve. Easier than the normal crossword. A series of disks with different puzzles is available. Partly completed puzzles can be saved. Records players' names and the puzzles they have done

5.25" 40t or 80t disk. Requires only single finger operation on BBC machines

7+

3D CAD

Hodgson, A.R.

Sheffield: Pavic Publications

198-

BBC B; £12.95

Disk or cassette

Craft, design, technology; Computer assisted design; Art; Computer graphics

Helps pupils visualise and draw objects in 3 dimensions by generating a 3D image from simple 2D side or front views, drawn by the pupils. Allows object to be viewed in 3D isometric or perspective form - rotating, enlarging or reducing the image as required. Facility to print to Epson compatible printer

BBC 40t or 80t disk; BBC cassette

3D graphics drawing board

Barnet: Glentop Press Ltd

198-

Commodore C64; C128; £14.95

Disk; Manual

Computer graphics; Craft, design, technology; Design; Art; Secondary education; Sixth form education; Further education; Adult education
1851810293

Enables user to create, alter and combine 3-D images; a screen-keyboard menu allows simple use of large range of facilities. Drawn using a joystick, the 3-D perspective images can be manipulated using the zoom, rotate, scale, stretch and move options. Includes hidden line removal facility. Designs can be saved to disk or printer

16+

3D Logo

Daly, Fred; Forecast, Christopher

Cambridge: Logotron

1987

BBC B; BBC Master; BBC Master Compact; £16.50

Disk; 1 manual; 1 card to make a hand held 3D turtle

Computer graphics; Geometry; Infant school education; Primary education; Secondary education; Sixth form education; Further education

1870251202

Extension module for LOGO. Three dimensional screen turtle graphics to introduce children to geometrical concepts and to explore three dimensional shapes and Vector 3D and Cartesian geometry.

For use with Logo.

6-18

3D transformation

Oldknow, A.

Houghton-on-the-Hill, Leicester: MUSE (Microcomputer Users in Education)

1982

BBC B; RM Nimbus; £8.00

Disk

Mathematics; Primary education; Secondary education; Computer graphics

Enables a number of standard 3D objects to be manipulated and viewed. See also: Graphics.

9-13

3rd ODE

See: Graphic calculus III : differential equations

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Doncaster: RESOURCE

198-

BBC B; BBC Master 128; £24.50

2 disks; teacher notes; pupil notes; 2 maps

Word processing; Desktop publishing; Secondary education; Information handling

A simulation showing how a simple word processor can be used to produce a newspaper - involves handling, sorting, evaluation of information, group co-operation; collection of material including interviews; editing; use of computer for information retrieval, word processing and desktop publishing. LEA/Regional licences and bulk purchase discount available.

BBC B/Master 5.25" 40t DFS; 80t DFS available - £1.50 surcharge per disk.

11+

4 rules OK? - revision

Hewitt, Iris

Wisbech, Cambridgeshire: esm

198-

Shiva numeracy and logic programme

BBC B; BBC B+; BBC Master 128; £16.95

Disk; Teacher's handbook

Mathematics; Puzzles; Problem solving; Primary education; Computer games

Comprises more challenging games to revise numeracy and logic skills: additions, subtraction, multiplication, division, sets and subsets. Contained in Shiva Numeracy and Logic programme. BBC 5.25" disk

5-11

4D runtime

Wilmslow: ACI (UK) Ltd.

198-

Apple Macintosh; £150.00 (single); £225.00 (twin pack)

Disk

Databases; Data processing; Information handling

Allows users to work with a database without the need for the full version of the 4th Dimension system.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

4th dimension

Wilmslow: ACI (UK) Ltd.

198-

Apple Macintosh; £545.00

Disk

Databases; Data processing; Information handling

Allows range of database designs for analysis and control of large amounts of information. Eight pre-defined standard layouts can be modified; graphics can be incorporated with data; pie, bar, chart, column and line graphics can be created. Includes 200+ built-in commands and operators. Allows data to be imported directly from DBASE II and III and other Macintosh, IBM PC and mainframe programs. Import and export possible in SYLK, DIF and text file format. Run-time version available.

Works on current Macintosh systems with at least 1Mb RAM; please check required configuration.

4-site

See: Switch games disk 1

5 islands

See: Mapping skills

56 control basic examples

Doncaster: RESOURCE

198-

BBC B; BBC Master 128; £14.50 Econet; £19.95

Disk; documentation Econet pack includes 5 sets student documentation

Programming languages; Control technology

Provides examples of control programming. LEA/Regional licences and bulk purchase discount available

BBC B/Master 5.25" 40t DFS; Econet 5.25" 40t; 80t DFS available - £1.50 surcharge per disk

668 Attack sub

Langley, Nr. Slough: Electronic Arts Ltd

198-

PC; £24.99

Disk

Computer games; Computer graphics; Puzzles; Problem solving

Player commands the quieter US 688 sub, or the faster Soviet Alfa in missions of espionage, evasion and destruction.

CGA; EGA; Tandy 16 colour; VGA; MCGA; Also available on 3.5" disk for PC.

737 flight simulator

Chepstow: AVP Computing

198-

BBC B; BBC B+; BBC Master 128; £17.50

Disk

Physics; Secondary education; Sixth form education; Further education; Simulation

A comprehensive simulator, including the following features: flight manual including diagrams and a flying lesson; accurate, detailed flight deck, with analogue/digital readouts; 3D take-off/landing sequences; radar plot of aircraft in mid-flight; option of resetting stall speed; instrument landing system; ground proximity warning system; simulated engine failure; preset or design your own runway layout; set up own atmospheric conditions.

Only specify 80t if you cannot use 40t disks.

14+

8086/88 PC Assembly-language course

Barnet: Glentop Press Ltd

198-

IBM PC; Amstrad PC and compatibles; £24.50

Disk; Book

Computer studies; Computer programming; Programming languages; Secondary education; Further education

1851811842

Explores 8086/88 assembly language programming. In early stages, concentrates on achieving visible results. The Chasm assembler is provided with an easy-to-use editor. Covers Macros; Turbo "INLINE" statements; Basic Data creation; 8087 support Structures; INCLUDE files; BLOAD files; Conditional assembly; Creates.COM files. Book available separately (1851811834) £17.50.

Requires 256K, 1 disk drive, 80 column screen; MS DOS 2.0 or later.

16+

9 men's morris

See Breaktime games

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 Catch
 CDT selection
 Cedric : version 2.1
 Chat
 Clowne payroll
 CNC link module
 Colourbox
 Compas advanced
 Compas CAM
 Compas designer
 Compas starter
 Compas starter and Compas CAM

Computer appreciation
 Computer control
 Computer studies unit
 Computer studies unit : program and program design software disk
 Computers in home economics
 Comp-u-cater
 Consolidation or aggregation
 Control applications
 Control basic
 Control kit
 Control primer
 Control-it
 Copier
 Cost-benefit analysis
 Craft, design and technology
 Dealer
 Degas elite
 DeltaStat
 Demand
 Design : words and images
 Design a house
 Design calculations module
 Diet analysis
 Dieting
 Diets
 Dimensions
 Dinah
 Domestic heating
 Drover
 Earning, spending, banking and budgeting
 Easy-PC and Easy-plot and Easy-Gerber
 Easy-sign
 Eating for health
 Electricity in the home
 Electronic mail
 Electronics workshop
 EMU control card kit
 Energy, food and fitness
 Enhanced automatic drafting module
 Ethanol question
 Europa
 Exchequer
 Farmer Giles
 Filling station
 Fishing game
 Fit to eat
 FlexiCAD
 Food for the family
 Four-stroke engine
 Fractals
 Game's the thing
 Geometrix
 GFA draft
 GFA draft plus
 GFA draft plus - PC
 GFA raytrace
 Go for it!
 Goal seeking or backward iteration
 Graph-fit
 GWR steam locomotives
 Hendersons pack
 Hex
 Holiday
 Home economics with information technology
 Hotellier
 Household budgeting
 Human biology : collection 2
 Human digestion simplified
 Human digestive system
 Human energy expenditure
 IDP mini pack
 IDP pack
 ILECC graphics system
 Image
 Improve your financial decision making : inter sector
 Improve your financial decision making : exercise Fintech
 Information technology for craft, design and technology

Inside science
 Introduction to electronics
 Introduction to pneumatics
 Invest
 IT in business
 Jigsaw
 Job costing
 Keyboard skills
 Keystroke
 Kitchen design program
 Kitchen planner in 3D
 Labelwriter
 Labgas computer pack
 Learning with expert systems
 Lego control Logo resource pack
 Lego technic programmable systems
 Leisure complex
 Leisure unlimited
 Lifeboat
 LinCAD Amiga
 LinCAD Amiga demonstration disk
 LinCAD Archimedes
 LinCAD Archimedes demonstration disk
 LinCAD Archimedes library disk (pneumatics)
 LinCAD BBC
 LinCAD Nimbus
 LinCAD Nimbus demonstration disk
 LinCAD PC
 LinCAD PC demonstration disk
 LinCAD primer Amiga
 LinCAD primer Archimedes
 LinCAD primer Nimbus
 LinCAD primer PC
 Linmap BBC
 Linmatic Archimedes
 LinSIGN BBC
 LinSIGN Nimbus
 LinSIGN PC
 LinSIGN 2 Archimedes
 Macemail
 Mail order
 Make a million
 Making ends meet
 Map
 Mapvision
 McGinty's gold
 Menu cost
 Menu master
 Microprimer software : pack 3
 Microsoft chart 3.0
 Microsoft windows : draw! : presentation graphics software
 Microsoft windows draw 1.0
 Microsoft windows 2.03c
 Microsoft windows/286 2.1
 Microsoft windows/386 2.1
 Micro-Prolog
 Mission information
 Mosaic
 Motor vehicle studies
 Multigraph
 NEA case study
 Nimbits
 Nominal ledger
 Nova
 On the house
 Order processing and invoicing
 PaintSpa: colour painting program
 Pasteboard
 Pattern program
 Payroll (Glentop)
 Payroll (Minerva)
 Payslip
 Pazazz
 Pennant commander light pen
 Pen-Friend project packs
 Personal banking
 Picture craft (BBC version)
 Picture craft (RM Nimbus version)
 Pitman typing : keyboard skills

Practical hardware projects
 ProArtisan
 Problem solving with plastics
 Pulse
 Purchase ledger
 Quickdraw
 Refining
 Render bender
 Risk analysis
 Robotics challenges
 Room
 Rubber band powered vehicle
 Running the British economy 1987
 Sales ledger
 Science start here 2 : Food
 Science and technology software : part 1
 Scredit
 Senior sketchpad
 Sense-it
 Shapes
 Signwriter
 Simple introduction to numerical analysis
 Simtex
 Sixgam
 Snippet
 Some useful packages software disk
 Spirals
 Stars
 Stock
 Stock control (Pitman Publishing)
 Stock control (Scetlander)
 Stock control and payrolls
 Stock management
 Stock market : an economics game
 Stockit
 Strategies for life
 Sucker : a business game
 Sun spots
 Supermarket stock control
 Taking a census
 Tall Trees Inc.
 Task
 TECDV
 Technology and design : part 1
 Technology and design : part 2
 Teddytronic : the story of the firm
 Temperature
 Third angle projection
 Time series analysis
 Timing package
 Tombs of Arkenstone (2nd ed)
 TopLine business manager
 Trans
 Transport pack
 Typewriter
 Understanding business studies and commerce
 Understanding economics : pack 1
 Video rental
 Vinylwriter
 Warehouse game
 Water game
 Water mill
 Watts in your home
 What do we eat?
 What's to eat?
 Working under pressure
 Working with textiles
 World of Scylla
 Wrecker's rock
 Yes chancellor

Desktop publishing

Aldus PageMaker : version 3.0
 Aldus PageMaker : version 3.0 for OS/2 presentation manager
 Aldus PageMaker : version 3.0 for the PC
 Aldus PageMaker : version 3.5 for the Apple Macintosh
 Aldus PageMaker college
 Aldus PageMaker studio

Aldus persuasion : version 2.0
 Aldus persuasion : version 1.0 for the Apple Macintosh
 Art and mouse
 Artpack
 Book builder
 Complete desktop publisher
 Cricket graph
 Cricket presents
 Darkroom CD-ROM
 Deadline (Cambridge University Press)
 Deadline (ITV Schools)
 Deadline plus
 DeluxePaint 2 Enhanced
 Desktop and mouse
 Desktop stories
 EDG graphics package
 Fairy tales and Fairy lands publishing company
 Fleet Street editor
 Fleet Street phantom
 Fonts: optional compatible enhancements for Pixel perfect
 Fonts: optional compatible enhancements for Pixel perfect : Fontpack A
 Fonts: optional compatible enhancements for Pixel perfect : Fontpack B
 Fonts: optional compatible enhancements for Pixel perfect : Fontpack C
 Fonts: optional compatible enhancements for Pixel perfect : Fontpack D
 Front page extra
 Genesis
 GraphicWorks
 Illustrator
 Illustrator and Colourbox
 Just text
 LetterPress
 Lithographer
 MacroMind director
 Magpie
 Master pack
 Master scan
 Mathspack
 Microsoft PowerPoint : version 2.0
 More 2
 NewSPaper : desk top publishing by SPA
 NewSPaper artwork disks
 NewSPaper extra font disks
 NewSPaper laser support
 NewSPaper Utilities
 Old MacDonald's farm
 Ovation DTP
 Pixel perfect
 Quark ed
 Quark XPress : release 2.1
 Ramayana tales : a program for the young publisher
 Ready, set, go! : version 4.5
 Reports!
 Scan-light
 Scan-light junior
 Stop press
 TEXTures
 Through the dragon's eye : storyboard
 VideoWorks black and white movies
 VideoWorks clip sounds

English - primary

Adventure
 Adventure playground
 Adventurous English
 Alpha
 Alphabet gallery
 Animated alphabet
 Archimedes bumper pack 1
 Auction
 Basic words

Best days of our lives
 Best four language
 Black spots
 Box of treasures
 Bypass
 Camping
 Capitals and punctuation
 Carol
 Carrigan Street
 Cedar word bank
 CE-read
 Christmas caption first school
 Christmas caption 1989
 Christmas tales
 Click
 Cloze
 Cloze lines
 Cloze program
 Collage
 Collage toolkit
 Collect and drop
 Colour
 Colour me and Build me
 Colour path
 Colourcopter
 Compact bumper pack 1
 Compact system : computer assisted curriculum teaching system
 Complete speller
 Compound words
 Computerised flashcards
 Concept keypad junior pack
 Consonant blends
 Copywrite
 Crossword
 Crossword designer
 Crosswords
 Deliver the message
 Deskspell
 Developing tray
 Dictionary
 Dictionary program set
 Dig
 Ding-dong
 Discloze
 Dragon
 Dreamtime
 Droom and Dust lands
 Early English extra
 Early reading
 English pack 1
 English software
 Entertaining English
 Everyday signs
 Examples
 Eye for spelling
 Facemaker
 Factfile 500 : spelling
 Fairy lands
 Farm
 Farm lands
 Ferry captain
 Final consonant blends
 Find the lady
 First steps
 Flash cards
 Fletcher's castle
 Freddy teddy's adventure
 From pictures to words
 Fun with texts
 Fun with words
 Games of deduction : programs 1-4
 Games with words : pack 1
 Games with words : pack 2
 Games with words : twin pack
 Ginn language chip and reading 360 sampler disk
 Goblin winter
 Granny's garden
 Hangman
 Happy letters
 Hazard and Rescue
 Helping with spelling
 Helter skelter
 Hide and seek

Hyperbook reader
 Initial consonant blends
 Initial consonants
 Intro tray and Create
 Invisible ink
 Island yacht race
 Joystick games 1
 Joystick games 2
 Joystick games 3
 Jumbled words
 Knight
 Language development pack
 Language programs
 Laser letters
 Let's learn phonics
 Letra
 Letters
 Letters and pictures
 Look alike
 Looking at words 1
 Looking at words 2
 Looking at words 3
 Lost frog
 Magic clock
 Magic E
 Magic tales
 Makaton match
 Make it safe
 Maker-user
 Matchpairs
 Mazemaster
 McGinty's gold
 Merlin's castle
 Merlin's magic shop
 Micky's alphabet
 Micros in the primary classroom : module 5
 More words and pictures
 Movaword
 Mr Magus is waiting for you
 Muddles : thinking through language
 Name the square
 Network bumper pack 1
 New friends
 New game
 New shoes
 Objects; Shapes; Letters
 Perfume hunter
 Pick-a-word
 Picture book
 Picture clues
 Picture gallery suite
 Pirate's treasure
 Play and read new game
 Play and read new shoes
 Play and read plus starter pack
 Playground
 Podd
 Podd for Concept Keyboard
 Powerkey
 Pre-reading
 Pre-reading and early reading pack
 Pre-reading skills
 Primary language
 Primary language software box
 Primary reading package
 Printer
 Project space
 Proteus scenarios
 Punctuate
 Questions and answers
 Readability
 Readability reckoning : matching reading and readers
 Reader
 Reading aid 1
 Reading aid 2
 Reading aid 3
 Reading corner : folk tales
 Reading for English
 Reading kit
 Reading pack 1
 Reading pack 1A
 Reading pack 2
 Reading pack 2A

Reading pack 3
 Reading pack 3A
 Reading pack 4
 Reading writing course
 Reading 360 level 7
 microcomputer software
 Reading 360 level 8
 microcomputer software
 Reading 360 level 9
 microcomputer software
 Reading 360 level 10
 microcomputer software
 Reading 360 level 11
 microcomputer software
 Reading 360 level 12
 microcomputer software
 Reading 360 level 13
 microcomputer software
 Readlevel program
 Readwell program set
 Rescue
 Reversals and inversions
 Riches of Shirec
 Roads
 Sea : programs 1-4
 Set of 13 reading and spelling programs
 Short vowel sounds
 Short vowels
 Show-me
 Silent letters
 Simulations
 Snapshot
 Soundsright
 Spacex
 Spanish gold
 Speedread : set 1
 Speedread : set 2
 Speedread : set 3
 Speedread primary kit
 Spell 100
 Spellagram
 Spellbound
 Spelling
 Spelling : week by week
 Spelling : your own words
 Spot on games
 Stop them
 Story starts
 Storyboard : English version
 Storyboard and Star concept keyboard software : set 1
 Storyboard and Star concept keyboard software : set 2
 Storyboard plus
 Storywriter
 Strategy games : programs 1-4
 STSpellB
 Supersquare
 Switch on
 Switch on actions
 Switch on travel
 Teacher's cupboard
 Ted's adventures
 Testmaster : English version
 Text grader
 Thorn sea
 Thorne spelling
 Through the dragon's eye : adventure
 Torch
 Touch games 1
 Touch games 2
 Toy quest
 Toybox
 Tray
 Upgrade new game
 Upgrade new shoes
 Upper and lower case
 Using pictures
 Visual memory
 Vowel diagrams
 Watchword
 Wherewozit?
 Which load?
 Wilt
 Window

Word builder mark 2
 Word fun
 Word hunt 1
 Word hunt 2
 Word hunt 3
 Word matching
 Word quest
 Word skill
 Wordhang
 Wordplay
 Words
 Words and pictures
 Words and sentences 1
 Words and sentences 2
 Words and sentences 3
 Words, words, words
 Wordsearcher
 Wordshapes
 Wordshoot 1
 Wordshoot 2
 Wordspinner
 Wordsquare
 Wordsquares
 Wordstore : English version
 Wordweb
 Worlds without words
 Worst witch
 WPlay
 Wrecker's rock
 Writer
 Wulfstan's wordhoard
 Yellow brick road
 Your adventure
 Zoopack

English - secondary

Adventure
 Alexander Pope : Rape of the
 Lock and Epistle to Arbuthnot
 Anagram
 Antony and Cleopatra
 (Akadimias)
 Antony and Cleopatra (Sussex
 Publications Ltd)
 As You Like It
 Auction
 Avon and Monsters of Murdac
 Best days of our lives
 Black spots
 Blinking words
 Box of treasures
 Bypass
 Camping
 Carol
 Carrigan Street
 CE-read
 Chaucer prologue
 Christmas tales
 Classmates
 Cloze
 Cloze lines
 Cloze program
 Collect and drop
 Colour path
 Colourword
 Comedy of Errors
 Compact bumper pack 1
 Complete speller
 Context
 Copywrite
 Critical challenges
 Crossword
 Crossword designer
 Data free happenings
 Deliver the message
 Deskspell
 Developing tray
 Dictionary
 Dictionary program set
 Dig
 Dragon
 Droom and Dust lands
 English clues : people
 English pack 1
 English revision on
 microcomputer
 Examples

Eye for spelling
 Facemaker
 Factfile 500 : English words
 Fairy lands
 Far from the Madding Crowd
 Farm
 Farm lands
 Ferry captain
 Find the lady
 Findword
 Flashword
 Fun with texts
 Fun with words
 Games of deduction : programs 1-4
 Games with words : pack 1
 Games with words : OAack 2
 Games with words : twin pack
 Gerard Manley Hopkins : selected poems
 Great expectations
 Hamlet (Akadimias)
 Hamlet (Sussex Publications Ltd)
 Happenings 1-10
 Happenings 11-20
 Hazard and Rescue
 Helping with spelling
 Helter skelter
 Hide and seek
 Hopscotch
 How we used to live : 1902-1926
 How we used to live : 1926-1953
 Hyperbook reader
 In a spin
 Invisible ink
 Joint Matriculation Board poems
 Julius Caesar
 King Henry the Fifth
 King Henry the Fourth part 1
 (Akadimias)
 King Henry the Fourth part 1
 (Sussex Publications Ltd)
 King Henry the Fourth part 2
 King Lear (Akadimias)
 King Lear (Sussex Publications Ltd)
 King Richard the Second
 King Richard the Third
 Kingdom of Hamil
 Knight
 Language development pack
 Language programs
 Laser letters
 Let's learn phonics
 Logotext : a language microworld
 Macbeth (Akadimias)
 Macbeth (Sussex Publications Ltd)
 MagicSpell
 Maker-user
 Mansfield Park
 Mazemaster
 McGinty's gold
 Merchant of Venice
 Merlin's castle
 Midsummer Night's Dream
 Mr Magus is waiting for you
 Much Ado About Nothing
 Muddles : thinking through language
 My word
 Mystery
 Name the square
 Norman England : programs 1-4
 Operation Konlee
 Oscar Wilde : Importance of Being Earnest
 Othello (SPA)
 Othello (Sussex Publications Ltd)
 Perfume hunter
 Powerkey
 Pride and Prejudice
 Project space
 Punctuate
 Question mark
 Readamatics
 Reading for English

Reading kit
 Readlevel program
 Readwell program set
 Reveal
 Riches of Shirec
 Romeo and Juliet
 ScriptReader and ScriptWriter
 Sea : programs 1-4
 Simulations
 Snapshot
 Speedread : set 6
 Speedread : set 7
 Speedread : set 8
 Speedread secondary kit
 Spell 100
 Spelling : week by week
 Spelling : your own words
 Spellwise
 Stop them
 Storyboard : English version
 Storyboard plus
 Storywriter
 Strategy games : programs 1-4
 Study skills
 Summary and comprehension covered
 Taming of the Shrew
 Tempest (Akadimias)
 Tempest (Sussex Publications Ltd)
 Testmaster : English version
 Thorn sea
 Toy quest
 Tray
 Trumpet Major
 Twelfth Night
 Victorians
 Vocab : English version
 Warp
 Watchword
 Which load?
 Wilt
 Word hunt 1
 Word hunt 2
 Word skill
 Wordsquare
 Wordsquares
 Wordstore : English version
 Worlds without words
 Wrecker's rock
 Writer
 Wulfstan's wordhoard

Geography

Aberdeen 3D physical landscape
 Acid drops
 Airborne
 Airline international
 Alloa 3D physical landscape
 AlphaStat
 Antarctica
 Apprentice
 Around the world
 Arthur : a multi-media topic pack
 Bar charts
 Because it's there
 Biochemistry and plant physiology pack
 Bio-wood
 Bird file
 Birder
 Birds of Britain and Ireland
 Blocko quiz package
 BP energy file
 BPES electronic catalogue
 Britain and crime
 Britain today
 Britain 3D physical landscape
 British population study
 Can you find it?
 Canal builder
 Canal building
 Capitals
 Cartog
 Catch
 Cellmap
 Cellular modelling system

Central place
 Channel analysis
 Choosing sites
 Choromap
 Cities file : place and people
 Climate graphs
 Climate graphs and cyclones
 Climates
 Coastal map reading
 Coastal studies : programs for fieldwork
 Comparative economic data
 Contour
 Countryside disc
 Cuthbert catches a cold
 Cyclone
 Dataprobe : the add-on pack
 Dataprobe : the starter pack
 DeltaPlot
 Demographic transitions
 Development data search
 Disasters
 Discovering Datchworth : a changing community in the 19th century
 Display data and Weather
 DIY micro map
 Domesday database
 Drainage basin
 Drover
 Dynamic modelling system : geography models
 EC : agriculture
 EC : energy and employment
 EC : population
 EC : standards of living
 EC : transport
 Ecosoft
 Edinburgh 3D physical landscape
 England and Wales 3D physical landscape
 Environmental bumper box
 Environmental pollution and pressure
 Environments : trees
 Estate agent
 Europa
 Factfile 500 : know England
 Factfile 500 : know Scotland
 Factfile 500 : world geography
 Factory location
 Fairy lands
 Falkirk 3D physical landscape
 Farm buildings
 Farm lands
 Farmer Giles
 Farming pack
 Figures
 Find your bearings
 Fishing game
 Flowers and vegetables
 Flowers of crystal
 Forest
 France, Germany and Benelux
 Freshwater fish of Britain and Ireland
 General map reading
 Geobase
 Geobase datadisks : American studies
 Geography data processing 1 : data presentation
 Geography data processing 2 : statistical methods
 Geography three dimension suite
 Geological mapwork
 Geological mapwork
 Geological mapwork 1 : dip and strike
 Geological mapwork 2 : apparent dip
 Geological mapwork 3 : three point problems
 Geology quizmaster
 Geomapping
 Geomorphology field study techniques

- Glasgow online
 Global statistics : Quest
 Global statistics : DIYbase
 Global statistics : Find
 Globetrotter plus
 Golden spring
 Growing concern
 Hanzel and Gretel
 Hatfield computer aided geography pack 2
 Hedgerows
 Hill railway
 Hillslope hydrology
 Historical farming
 Hydrology and statistics
 Identify Europe
 Indent-a-min
 Indent-a-rock
 India and Australia
 India population study
 India social study
 Indian agriculture
 Indian farmer
 Industrial pack
 Inside science
 Instant UK atlas
 Into the unknown
 Introducing geography
 Introducing map skills 2
 Introduction to soil types and their formation
 Investigator
 Italy and Spain
 Japan 3D physical landscape
 Jmap : version 2
 Jmap geochemistry
 Jmap plotting
 Junior ecosoft
 Kilnwood and Gowest
 Kon-tiki
 La Vuelta : Spanish quiz
 Lake web
 Landscapes
 Le tour - French quiz
 Learning geography with computers
 Leisure complex
 Lifeboat
 Linmap BBC
 LinMAP library disk
 LinWEATHER Archimedes
 LinWEATHER BBC
 Loch Torridon 3D physical landscape
 Logomotion
 MacContour : version 3.0
 MacMaps
 MacSurface modelling : version 3.0
 MacVolumes
 Magma 1
 Magma 2
 Mainland Britain
 Make a million
 Make a wildlife garden
 Making connections
 Malaria
 Mammals
 Mammals of Britain and Ireland
 Mammals of the world
 Manzia : planning a game park for East Africa
 Map
 Map Rally
 Map 2
 MapGrafix
 Mapping skills
 Maps and landscapes 1
 Maps and landscapes 2
 Mapventure
 Mapvision
 Martello tower
 Mental maps
 MEP GAPE project : geography programs
 Meteorology data pack
 Metmaps
 Micro map 1
 Micro map 1 and 2
 Micro map 2
 Minibeasts of Britain and Ireland
 MJP 4 channel weather station
 Models one and two
 Modern America
 Modern Eastern Europe : Comecon
 Modern Europe : West Germany
 Modern France
 Modern Germany
 Multicultural Britain
 Multiplan
 NATO
 Nearest neighbour analysis
 New community suite
 North Sea oil exploration
 Old Park Farm
 One British county : population
 One British county : employment study
 Operation Darwin
 Orientation analysis
 Outcasts
 Outcrop patterns
 Paper round
 Pathfinder
 Pebble shape and form : practical analysis
 Perth 3D physical landscape
 Peruvian village
 Petland drama
 Physical geography pack
 Pipistrelle
 Places and people : cities file
 Plant ecology field study techniques
 Plant succession
 Plate tectonics
 Plotmate welcome pack
 Pondlife
 Population pack
 Population pyramids
 Practical meteorology 1 : Large scale weather patterns
 Practical meteorology 2 : Small scale weather patterns
 Prehistoric animals
 Programs from microcomputers in geography teaching
 Puzzle palace
 Qmap
 Quakes!
 Quest and Qmap in the geography curriculum
 Quest data: composite pack
 Quest in the curriculum
 Railway drama
 Railway resources pack
 Rainbow river
 Reganal
 Reilly
 Rise and fall of a steel town : Consett
 River Lymn
 River profiles
 River studies
 River studies
 Rivers
 Rivers and hydrology
 Rock soft
 Rocks and minerals
 Russia and the United States
 Sailing
 Sailing south
 Sand harvest : version 3
 Scatter graphs
 Scotland today
 Scotland 3D physical landscape
 Scottish population study
 Seafish of Britain and Ireland
 Seashore
 Selection : volume 2
 Settle
 Settlement
 Shallow Hill
 Siting a blast furnace
 Sky routes
 Slickl
 Slope analysis
 Slopes (MJP)
 Slopes (ITV Schools)
 Slopes : profile and variable analysis
 Snapshot
 Soil analysis
 Soil profiles
 Soil water and irrigation
 Solhamside : an airport planning simulation
 Spaceship earth
 Spitsym
 Spreadsheets across the curriculum
 Stars
 Status
 Stirling 3D physical landscape
 Suburban fox
 Suite B
 Tillicultry 3D physical landscape
 Titanic
 Topomap and Choromap
 Topomap 2
 Tourism and leisure
 Transport pack
 Transpots
 Travel agent and Air traffic control
 Understanding economics : pack 1
 Urban geography pack
 Urban studies : programs for fieldwork
 Vegetation and climate
 Viking England
 Volcanoes
 Von Thunen
 Wagons west
 Water game
 Water manager
 Water treatment
 Way west
 Weather (Granada Educational Software)
 Weather (Scetlander)
 Weather and climate
 Weather forecasting (Longman Micro Software)
 Weather forecasting (Soft Teach Educational)
 Weather watch 1
 Weather watch 2
 Weathering processes
 West Africa
 Western Europe
 Whale adventure
 Whale database
 Whale games
 Whales and dolphins project pack
 What do we eat?
 What's it to you?
 Whatley Quarry
 Whispy wood
 Wild flowers
 World count
 World development database
 World population
 World wise
 Ancient battles
 Apprentice
 Archaeology
 Arnhem
 Arthur : a multi-media topic pack
 Attack on the Somme
 Austerlitz 1805
 Battle of Bannockburn : 1314
 Because it's there
 Black death
 Blitzkrieg
 Books and software for GCSE
 Bordar's daughter
 Britain in the age of total war
 Britain 1801
 Britain 1851 : human condition
 Britain 1851 : national overview
 Britain 1881 : the workshop legacy
 Britain 1914
 Britain 1931 : the depression
 Britain 1951 : the post war situation
 British history 1714-1815
 Cabinet
 Campaign
 Canal builder
 Canal building
 Castle pack
 Castle series : 11-12th century AD
 Castle under attack
 Castles : resource pack B
 Castles : resource pack A
 Castles 11-15th centuries
 Cateby manor
 Cause and consequence
 Census analysis
 Census and place names
 Change and continuity
 Classical : 1750-1800
 Comparative economic data
 Computers in the teaching of history
 Conflict and compromise in history
 Contour
 Desert rats
 Dig
 Dig for history
 Digging deeper into history
 Discovering Datchworth : a changing community in the 19th century
 Disraeli and the eastern question
 Domesday Book 1086
 Domesday database
 Drover
 Early baroque : 1650-1700
 Early romantic : 1800-1840
 Elizabethan court
 England 1830-1835
 Escape from Bremerhaven
 Europe at war 1914 : the opening stages
 Europe at war 1915 : Gallipoli
 Europe in the age of total war
 Europe in transition 1800-1900
 Europe 1700-1789
 Factfile 500 : know England
 Factfile 500 : know Scotland
 Factfile 500 : twentieth century history
 Family history kit
 Farm buildings
 Filth and poverty
 Fletcher's castle
 Forge
 French revolution (Akadimas)
 French revolution (Appian Way Software)
 Germany and the origins of the Second World War : a study in causation
 Germany between the wars : a study in depth
 Gladstone and Disraeli
 Glasgow online

- Godfrey
 Great enterprise
 GWR steam locomotives
 Hadrian's Wall and Chesters Fort
 Hereward the rebel
 High peak railway
 Hill railway
 Hiroshima
 Historical farming
 History bumper box
 History in the headlines 1
 History in the headlines 2
 History in three dimensions
 History revision on micro-computer
 Hitler's Germany
 How we used to live (ITV Schools)
 How we used to live : 1874-1887 : Victorian England (Fernleaf)
 How we used to live : 1902-1926 (Fernleaf)
 How we used to live : 1902-1926 (ITV Schools)
 How we used to live : 1926-1953 (Fernleaf)
 How we used to live : 1954-1970 (ITV Schools)
 How we used to live : 1954-1970 : years of change (Fernleaf)
 How we used to live : the Victorians (ITV Schools)
 Industrial revolution
 Inland waterways
 Into the unknown
 ISCA
 Jacobite rebellion 1745
 Jarl
 Journey's end
 Key and Census : starter pack
 Key graveyard data : starter pack
 Kilnwood and Gowest
 Knight
 Late baroque : 1700-1750
 Liberals : 1905-1915
 Lifeboat
 Locomotion
 Longbenton census resource pack
 MacSurface modelling : version 3.0
 MacVolumes
 Making choices
 Making connections
 Mapvision
 Medieval war and peace
 MicroCODIL history project disk
 Middle ages : resources pack
 Move
 Murder
 Mussolini's Italy
 Napoleon at war : battle of Eylau
 Nationalists : 1840-1870
 Nineteenth century England
 Norman England : programs 1-4
 Normans : resources pack
 Nuclear war model : 1945
 N5
 Operation Darwin
 Overlord
 Palestine 1947
 People, death and food
 Pirate
 Plague
 Presidential elections
 Principles of social stratification
 Quest in history
 Quest in the curriculum
 Raiders
 Railway drama
 Railway resources pack
 Railways : East Anglia
 Renaissance : 1500-1650
 Renaissance Europe
 Rise and fall of a steel town : Consett
 Rise of Nazi Germany : a study in empathy
 Road, water and rail
 Roman Britain : second century
 Rompton Combe
 Russian revolution (Spartacus Educational Software)
 Russian revolution (Sussex Publications Ltd)
 Sailing south
 Saxon invader
 Saxons
 See you at the Great Exhibition
 Selection : volume 3
 Settle
 Settlement
 Seventeenth century Europe
 Shallow Hill
 Sixteenth century Europe
 Slave study 1 : West Africa :1690-1807
 Slave study 2 : Jamaica : 1817-1832
 Slave study 3 : USA : 1850-1860
 Social and economic history of Britain 1700-1985
 Stalingrad
 Stuart England
 Thegn
 Time lines
 Time model one
 Time travellers' London
 Titanic
 Tombs of Arkenstone (2nd ed)
 Tourism and leisure
 Transport pack
 Treaty of Versailles
 Tudor England
 Turn of the century : 1870-1914
 Twentieth century : 1914-
 Underwater archaeology and related topics
 Unearthing the past
 United States of America : 1941
 Using data handling in history : an inset guide
 Victorian series 1874-1887
 Victorians
 Viewdata in history
 Viking England
 Viking England : programs 1-4
 Vikings : resources pack
 Villein's wife
 Vulcan
 Wagons west
 Wall Street
 Way west
 Wellington at Waterloo
 What's it to you?
 Whitley Bay census resource pack
 World history keywords
 World War 1
 Yankee
 Zulu war
- Languages**
 1992 Executive Project packs : practical language courses in business communication
 A vous la France
 Adam and Eve
 Albert's house
 Allwrite
 Architext
 Au restaurant and Accident de route
 Aventure
 Back home
 Billiard
 Bonaccord
 Boulogne and Oh-Les
 Cambridge FCE software : packs A and B
 Cambridge FCE software : pack A
 Cambridge FCE software : pack B
 Cambridge writer
 Chateau
 Choicemaster
 Choicemaster : a votre avis
 Choicemaster : che scelgo?
 Choicemaster : keuzecreatief
 Choicemaster : que elige?
 Choicemaster : wahlmeister
 Clozemaster
 Clozemaster : French version
 Clozemaster : German version
 Clozemaster : Spanish version
 Complete wordsearch
 Context
 Crossword challenge
 Crossword master
 Crossword mill
 Crosswords
 Dark castle : a French adventure
 Deutsch direkt!
 Deutsche verben mit Klaus
 Double up
 Easymill
 Ecce Romani : book 1 software
 Ecce Romani : book 2 software
 Ecce Romani : book 3 software
 Espana viva
 Euro-mail and Russki-mail
 Faisons des achats
 Fast food
 Fillmill
 Flexitest
 Flexi-gap
 Foundation level English
 Foundation level French
 Fred : viewdata editor
 French and German writing exercises
 French clues : lu et compris
 French correspondence
 French mistress : levels A and B
 French mistress : level A only
 French mistress : level B only
 French pronouns
 French tutor
 French verbs
 French workshop
 Frog1
 Front page Europe
 Gapmaster
 Gapmaster : a demi-mot
 Gapmaster : che aggiungo?
 Gapmaster : lueckentext
 Gapmaster : que falta?
 GCSE Spanish
 German clues : feste feiern
 German master : levels A and B
 German master : level A only
 German master : level B only
 German sentence building
 German strong verbs
 German test case
 German verbs
 Granville : the prize holiday package
 Helter skelter : French version
 Helter skelter : German version
 Helter skelter : Spanish version
 Henri Beret at the bar : regular verbs
 Henri Beret au TIR : role play phrases
 Henri Beret goes fishing : irregular verbs
 Henri Beret plays cricket : irregular verbs and tense recognition
 Henri Beret plays darts : French vocabulary
 Henri Beret plays golf : pronouns, relative clauses and negatives
 Henri Beret watches horse racing : adjectives, pronouns and adverbs
 Im Restaurant and Verkehrsunfall
 In other words
 In other words : Arabic
 In other words : Bengali
 In other words : Gaelic
 In other words : Gujarati
 In other words : Hindi
 In other words : Panjabi
 In other words : Urdu
 Incendie a l'hotel
 Italian tutor : levels A and B
 Italian tutor : level A only
 Italian tutor : level B only
 Just a mot
 Kegel
 Kidnap
 Kopfsjaeger and Umziehen
 La Vuelta : Spanish quiz
 Lang-man
 Le Calice magique : an adventure in French
 Le detective
 Le tour - French quiz
 Le tresor cache
 Le vol de la joconde and Le jeu des personnalites
 Letterbox
 Letters to French penfriends
 Linemill
 Linguists software fonts
 Logifrench 1
 Logifrench 2
 Logifrench 3
 London adventure
 Lost
 MacGap
 MacTell : Teletel communication software for accessing French videotex services
 Manoir des oiseaux
 Mark up
 Matchmaster
 Matchmaster : a che corrisponde?
 Matchmaster : que corresponde?
 Matchmaster : terme a terme
 Matchmaster : zuordnungen
 Matchword
 Micro English
 Micro French
 Micro stories
 Micro verse
 Modern language folio
 Modern languages FIND
 Modern languages word processing : Microsoft word utility disk
 More French games
 More German games
 More Italian games
 More Spanish games
 Mots croises
 Multi-maze
 NewSPaPer extra font disks
 Oddmill
 On fait des courses and Les voyages
 PC-Tel : Teletel communication software for accessing French videotex services
 Pen-Friend
 Pen-Friend project packs
 Pinpoint
 Pinpoint : a juste titre
 Pinpoint : como se llama?
 Pinpoint : lesetraining
 Pinpoint : parole e storie
 Pistol
 Pose-moi une question
 Princess and the ring
 Punctuation, sentencing and paragraphing
 Q and A plus
 Quartext
 Quartext textfiles
 Quartext textloader
 Quelle tete! and Jeu des menages
 Reading-listening comprehension
 Russian nouns
 Russian verbs
 Russian word games
 Russkie Slova

- Russkie Vybor
 Screentest elementary
 Screentest for first certificate
 Screentest for proficiency
 Sequitur
 Six French games
 Six German games
 Six Italian games
 Six Spanish games
 Spanish tutor : levels A and B
 Spanish tutor : level A only
 Spanish tutor : level B only
 Speedread
 Speedread : French version
 Speedread : German version
 Speedread : Spanish version
 Spelling
 Spiel
 SplitSense
 Stadt/ville
 Stell mir eine frage
 Story program
 Storyboard
 Storyboard : da parola a parola
 Storyboard : mot pour mot
 Storyboard : que poney?
 Storyboard : tekstcreatief
 Storyboard : textbaumeister
 T : Teletel communication
 software for accessing French
 videotex services
 Teletype
 Teletype file disk : French
 Teletype file disk : German
 Testmaster
 Testmaster : autrement dit
 Testmaster : che sara?
 Testmaster : que responde?
 Testmaster : varianten
 Text tanglers
 TextComment
 Tick Tack
 Tick Tack Writer
 Timeworks
 Tray
 Varietext
 Vocab
 Vocab : gioche di vocabulario
 Vocab : jeu de mots
 Vocab : vocabulario
 Vocab : wortspielereien
 Vocablearn
 Wald
 Welsh Tutor : level A only
 Welsh Tutor : level B only
 Wizard strikes back
 Word games
 Wordplay
 Wordstore : et tous sens
 Wordstore : il mio dizionario
 Wordstore : que significa?
 Wordstore : wortbank
- Mathematics - primary**
 3D Logo
 3D transformation
 4 rules OK? - revision
 Adding and subtracting and
 pathfinder
 Addition and subtraction of
 fractions
 Additional fun : numeracy 2
 Adventures
 Angles in action
 Anglezap
 Animal jinks
 Animal rescue
 Animated numbers
 Apple jack
 Apprentice
 Archimedes bumper pack 2
 Arithmetic plus : programs 1-4
 Around the world
 Arrow
 Aztec and Masterword
 Auntie's gift shop
 Basic mathematics
- Basic skills
 Beginner's buggy pack with Lego
 buggy
 Beginner's buggy pack without
 Lego buggy
 Bert Boot
 Best four maths
 Big calculator
 Big match
 Boolean logic
 Bridges
 Brush
 BStar
 Bugs and Beastie
 Can you make it?
 Carryadd
 Cars : maths in motion
 Chick chase
 Cinderella
 Circus
 Coinset
 Compact bumper pack 2
 Concept software box
 Connections
 Count with Blob
 Count, Tiles, Shape, Boxes,
 Sequences, Blocks 1 and 2,
 Clock, Stats, Logic 1
 Counting
 Counting
 Counting and adding
 Counting grid
 Cranky
 Crook's corner
 Crossnumber
 Curves software pack
 Cuthbert catches a cold
 CWords
 Dare devil
 Death planet
 Decisions : logic 3
 Differences : logic 5
 Display data and Weather
 DNumb
 Droom
 Droom and Dust tales
 Dust
 Early fingers
 Early learner software box
 Early maths suite : Ship, Race and
 Count
 Early number
 Educational 1
 Educational 2
 Electricity in the home
 EquFrac
 Factfile 500 : arithmetic
 Farm
 Find the question
 Findme and Spots
 Forge
 Forget-me-not
 Freddy teddy
 Fun school 2 for over 8s
 Fun school 2 for under 6s
 Fun school 2 for 6-8 year olds
 Fun with numbers
 Funfair
 Games compendium
 Games, activities and
 investigations : volume 1
 Games, activities and
 investigations : volume 2
 Geomat : transformation
 geometry
 Geometrical shapes
 Georgie racer (BBC version)
 Georgie racer (RM Nimbus
 version)
 Giant killer
 Ginn mathematics : level 1 and 2
 microcomputer software
 Ginn mathematics : level 3
 microcomputer software
 Ginn mathematics : level 4
 microcomputer software
- Ginn mathematics : level 5
 microcomputer software
 Ginn mathematics : level 6
 microcomputer software
 Globetrotter plus
 Graph builder
 Graph capers : junior pack : plot
 shot and gradients
 Graphical representation :
 program 1
 Graphical representation :
 program 2
 Graphical representation :
 program 3
 Graphics
 Grasshopper : an introductory
 spreadsheet
 Greek dreams
 Hall of mirrors
 Happy numbers
 Happy times : numeracy 4
 Happy writing
 Holiday
 Hours
 ILEA Logo
 Infant maths snap
 Infant software box
 Infants' suite
 Information sheets
 Investigator
 Janepius
 Juggle puzzle
 Junior suite
 L : a mathematical adventure
 Language work in the classroom
 Last adventure
 Launching logic : logic 1
 Learning maths : disk 1
 Learning maths : disk 2
 Length, area and volume
 Let's count
 Letter and number formation
 Lifeboat (MEU Cymru)
 Lifeboat (Scetlander)
 Lift off with numbers : numeracy
 1
 LinCAD primer (Amiga)
 LinCAD primer (Archimedes)
 LinCAD primer (Nimbus)
 Linchart BBC
 Little Red Riding Hood
 Logo microworlds
 Logomotion
 L-trap
 Make and solve utilities
 Make Sam smile
 Mammals
 Market stall
 Martello tower
 Marthamateg (Mousematics
 Cymraeg)
 Matchbox
 Mathemagic land
 Mathematical battleships
 Mathematical concepts
 Mathematical investigations
 Mathematical investigations in
 the primary classroom
 Mathematics : a school-based inset
 course for teachers of children
 with special needs
 Mathematics practice in the
 classroom
 Maths and logic bumper box
 Maths master
 Maths pack
 Maths pack : voiced
 Maths pack 1
 Maths skill 1
 Maths skill 2
 Maths talk
 Maths topics 2 : Percentage
 families and Percentage snap
 Maths with a story 1
 Maths with a story 2
 Mathspack 1
- Measure and tell : primary
 package
 Mickey's magic mixture
 Microprimer software : pack 2
 Microprimer software : pack 3
 Micros in schools P(540): an
 awareness pack for teachers
 Micros in schools P(541):
 educational software
 MicroSMILE 2 : the next 17
 MicroSMILE 3 : 11 more
 Middle-school mathematics
 investigation pack
 Miscellany 1
 Mix and match
 Money plus : programs 1-4
 Money target
 Monster maths
 Monte Carlo
 Mousematics number bonds
 Mr Yog and the Nippet
 Multable
 Munch monster
 Music box
 Nature park adventure
 Nimbus Logo gallery
 Noah's ark
 North Sea oil exploration
 Number blaster
 Number bonds
 Number chaser
 Number games
 Number grids
 Number investigations A
 Number investigations B
 Number lines
 Number painter
 Number puzzler
 Number race
 Number search
 Number tumbler
 Numbercopter
 Numbers
 Numbers and pictures
 Numerator
 Odd one out
 Opus
 Ordering : logic 4
 Outcasts
 Pathway to bearings
 Pentoms
 Petland drama
 Picture and number touch
 Picture builder
 Pigeonhole
 Pin and thread
 Pip goes to the moon
 Pip's island adventure
 Pirates
 Playing with places : numeracy 3
 Polygon
 Polyminoes project pack
 Pond
 Pressure mat programs
 Primary maths course
 Primary maths software box
 Primaths4
 Primaths5
 Probability
 Problems and investigations in the
 primary school using the
 microcomputer as a resource :
 pack 1
 Problems and investigations in the
 primary school using the
 microcomputer as a resource :
 pack 2 : Enigma
 Problems and investigations in the
 primary school using the
 microcomputer as a resource :
 pack 3 : Shunt
 Problems and investigations in the
 primary school using the
 microcomputer as a resource :
 pack 4 : Triangles
 Problems with patterns and
 numbers

Product patterns
Project programs
Project programs : first stage
Project programs : second stage
Project programs : third stage
Puff : a maths adventure in a Chinese pagoda (BBC version)
Puff : a maths adventure in a Chinese pagoda (RM Nimbus version)
Puzzle palace
QED : explanation and proof
Qstats
Railway drama
Railway resources pack
Reading patterns
Redfile 1
Redfile 2
Rescue : an island adventure
Research trail
Roll over
Sailing
Scales
Secondary maths
Secondary software box
Seaside
Selection : volume 1
Selection : volume 2
Selection : volume 3
Sets and operators : logic 2
Shape-up
Shares for all - numeracy 5
Shiva logic programme
Shiva numeracy and logic programme
Shiva numeracy programme
Shylock Gnomes : in the case of the Transylvanian terror!
Simple equations
Sing a song of sixpence
Sky routes
Some lessons in mathematics with a microcomputer : SLIMWAM 1
Some more lessons in mathematics with a microcomputer : SLIMWAM 2
Sorting
Space adventure
Square bashing
Squares
Squeeze
Stig of the Dump
Subtraction : hundreds tens and units
Suite A
Suite B
Suite C
Sumfun
Summit
Table adventures
Table test 1
Table test 2
Table test 3
Table test 4
Tables12
Take-off
Talking about numbers
Target; Paint, Order, Odd one out, Octagon
Teddy bears' picnic
Teddy programs
Tens and units
Tessel
Tessellations
Therapy games
Think it out
Through the dragon's eye : adventure; (RM Nimbus version)
Tick-tock
TIG and Dart 2
Tiling
Time trucker
Timeman 1
Timeman 2
Titanic

Tombs of Arkenstone (2nd ed)
Top ten mental mathematics
Tortoise
Touch basics
Travel agent and Air traffic control
Treasure
Tunnel to freedom
Two of a kind
Understanding area
Varl
Venndi
Videomaths 1
Videomaths 2
Walk
Weather
Weaver
Whale adventure
Wizard's return
Wizard's revenge

Mathematics - secondary

3D Logo
3D transformation
A level maths with statistics
A level matrices
Add sub maths
AlphaCalc
AlphaCalc activity pack
AlphaPlot
AlphaStat
Angle duel and Vector duel
Angles and trigonometry
Angles in action
Anglezap
Apprentice
ArcGraph
Arith1SH
Around the world
Arrow
Aztec and Masterword
Baker
Balance and steelyard
Bank
Banking game
Bar charts
Bargrapher
Basic mathematics
Basic number help B
Basic skills
Big calculator
Bike insurance
Boolean logic
Box office : a bookings and reservations package
Britain and crime
Building up numeracy with mathspad
Business plan
Busroute
Can you make it?
Cars : maths in motion
Cellular modelling system
CGraph
Codecracker
Coins
Coinset
Cranky
Cruncher
Cube painter
Curves software pack
Darts game
DeltaPlot
DeltaStat
Direct collision
Display data and Weather
Droom
Droom and Dust tales
Dust
Dynamic modelling system : mathematics models
Earning, spending, banking and budgeting
Educational 2
Electricity in the home
Enterprise and business plan processor

Equations of motion
EquFrac
Euraka : the solver
Evaluate
Evolve
Fishing game
Fooled by numbers
Forge
Foundation level maths
Fourier
Fourier series and transforms
Frac1
Frac2/3/4
From number theory to secret codes
Funfair
Games compendium
Games, activities and investigations : volume 2
Geomat : transformation geometry
Geometrix
Giant killer
Ginn mathematics : level 7 microcomputer software
Global statistics : Quest
Global statistics : DIYbase
Global statistics : Find
Globetrotter plus
Graph builder
Graph capers : junior pack : plot shot and gradients
Graph capers : senior pack : functions and plotter
Graphic calculus 1 : differentiation
Graphic calculus 2 : integration
Graphic calculus 3 : differential equations
Graphics
GraphicSheet
Graphs
Graph-fit
Graph-plotter (functions)
Grasshopper : an introductory spreadsheet
Holiday
Igraph
ILEA Logo
Information sheets
Introduction to probability
Introduction to statistics
Introduction to unconstrained optimisation
INVENtion
Iteration formulae and Graphs
Janeplus
Juggle puzzle
Junior high suite
Keysheet
L : a mathematical adventure
Language of functions and graphs
Last adventure
Length, area and volume
Lifeboat (MEU Cymru)
Lifeboat (Scetlander)
LinCAD Amiga
LinCAD Amiga demonstration disk
LinCAD Archimedes
LinCAD Archimedes demonstration disk
LinCAD Archimedes library disk (pneumatics)
LinCAD BBC
LinCAD Nimbus
LinCAD Nimbus demonstration disk
LinCAD PC
LinCAD PC demonstration disk
LinCAD primer (Amiga)
LinCAD primer (Archimedes)
LinCAD primer (Nimbus)
LinCAD primer (PC)
Linchart BBC
Line graphs
Linear motion

Linprog
Locus pack
Logo microworlds
Logomotion
L-trap
Mainland Britain
Make a million
Make and solve utilities
Mammals
Market stall
Mathemagic land
Mathematica
Mathematical eye
Mathematics : a school-based inset course for teachers of children with special needs
Mathematics projects pack
Mathematics with a spreadsheet : viewsheet version
Mathematics with a spreadsheet : multiplan version
Maths and logic bumper box
Maths skill 1
Maths skill 2
Maths topics 2 : Percentage families and Percentage snap
Maths translations
Mathspack
Mathspack 1
Matrices
Measure and tell : secondary package
Mega maths
Mickey's magic mixture
Micro maths
Microprimer software : pack 2
Microprimer software : pack 3
Micros in schools P(540): an awareness pack for teachers
Micros in schools P(541): educational software
Micros in the mathematics classroom
MicroSMILE 2 : the next 17
MicroSMILE 3 : 11 more
Microsoft multiplan 3.04
Microspecial
Middle-school mathematics investigation pack
Milo
Money
Money plus : programs 1-4
Money target
Monster maths
Monte Carlo
Mountain rescue
Mouse plotter
Multable
Multiplan
Multiples
Multi-maze
Munch monster
Music box
Music Logo
Nimbus Logo gallery
North Sea oil exploration
Number chaser
Number games
Number grids
Number investigations A
Number painter
Number puzzler
Number race
Number search
Number tumbler
Numbertests
Numbond
Numerator
Numerator chaos
Omnigraph : the graph processor
On the house
Opoll
Opus
Outcasts
Pathfinder
Pathway to bearings
Payslip

- Pentoms
 Peter Davy's computer programs for ABE
 Petland drama
 Pie charts
 Pip's island adventure
 Pirates
 Plotter
 Polyominoes project pack
 Primary maths software box
 Probability
 Probability and statistics programs
 Problem solver
 Problems with patterns and numbers
 Pulse
 Puzzle palace
 Pythagtest
 QED : explanation and proof
 Qstats
 Railway drama
 Railway resources pack
 Rally A and B
 Research trail
 Result
 Revise maths : algebra 2
 Revise maths : algebra 1
 Revise maths : arithmetic 1
 Revise maths : arithmetic 2
 Revise maths : geometry
 Revise maths : matrices
 Revise maths : ratio and proportion
 Revise maths : trigonometry
 Revise maths : 3D geometry
 Revise maths - sets and probability
 Revise maths - statistics
 Sailing
 Sampling distributions
 Scalde
 Scales
 Secondary maths with micros
 Secondary Maths 1
 Secondary Maths 2
 Secondary Maths 3
 Secondary software box
 Selection : volume 1
 Selection : volume 2
 Selection : volume 3
 Shapes
 Shylock Gnomes : in the case of the Transylvanian terror!
 Sicotan
 Similar objects : investigations into shapes, their plans and elevations
 Simple introduction to numerical analysis
 Simple introduction to numerical analysis 2: interpolation and approximation
 Sky routes
 SMILE maths
 Some lessons in mathematics with a microcomputer : SLIMWAM 1
 Some more lessons in mathematics with a microcomputer : SLIMWAM 2
 Spirals
 Statistical investigations in the secondary school
 Statistics teaching
 Suite C
 Supastat : full suite; schools suite
 Supergraph
 Survive
 Take-off
 Teaching with a micro : maths 1
 Teaching with a micro : maths 2
 Teaching with a micro : maths 3
 Teaching with a micro : maths 4
 Teaching with a micro : maths 5
 TECDV
 Temperature
 Tessel
 Tessellations
 Think it out
 Thinking games
 TIG and Dart 2
 Tiling
 Time trucker
 Timetables
 Titanic
 Tombs of Arkenstone (2nd ed)
 Top ten mental mathematics
 Tortoise
 Trans
 Transformations
 Transpots
 Travel agent and Air traffic control
 Trigonometry
 Trigttest
 Tunnel to freedom
 Vectors
 Vectors in mechanics
 Venn
 Walk
 Weather (Granada Educational Software)
 Weather (Scetlander)
 Weaver
 Whale adventure
 Wordpower : the universal word processor
 Yams
- Music**
 Alchemy : version 2.0
 Armadeus
 Aural training tutor 1
 Aural training tutor 2
 Aural training tutor 3
 Aural training tutor 4
 Aural training tutor 5
 Aural 5
 Basic music composition
 Bass clef
 Chord processor
 Chord recognition
 Classical : 1750-1800
 Composer
 Cuthbert catches a cold
 Deluxe music construction set (DMCS)
 DeluxeVideo 3
 Early baroque : 1650-1700
 Early romantic : 1800-1840
 Educational disk
 Encore
 Ensemble
 Finale
 Goblin winter
 Grade 8 aurals
 Guitar chords
 HB music engraver
 Jolly Jack Tar
 Late baroque : 1700-1750
 Level 2
 Listen 2.1
 Logomotion
 Logosounds
 Longman music pack : composing and experimenting with music
 MacGamut
 MacRecorder : version 2.0
 Master tracks jr
 Master tracks pro
 Micropitch
 Microspecial
 Music
 Music Logo
 Music processor
 Music theory
 Music theory tutor : games
 Music theory tutor 1
 Music theory tutor 2
 Music theory tutor 3
 Music theory tutor 4
 Music tutor
 Music 1 (Compose)
 Nationalists 1840-1870
 NewSPaPer extra font disks
- NoteWriter
 Opus
 Pazazz
 Picture music
 Professional composer
 Professional performer : version 2.4
 Redfile 1
 Renaissance : 1500-1650
 Rhythmic
 Settlement
 SoftOscilloscope
 Sounds useful
 Studio 8
 Touching sound
 Treble clef
 Tunesmith
 Turn of the century : 1870-1914
 Twentieth century : 1914-
 Vision
 Worlds without words
- Personal and social education**
 Bank
 Barrels
 Bike
 Bike insurance
 Change : disk 1
 Change : disk 2
 Chick chase
 Classmates
 Clock : disk 1
 Clock : disk 2
 Clock : disk 3
 Clock : disk 4
 Clock : disk 5
 Clock : disk 6
 Clocks
 Coins
 Coinset
 Colour
 Colourword
 Context
 C.V. and letter of application processor
 Dictionary program set
 Directions
 Dress : boy and girl
 Earning, spending, banking and budgeting
 Educational 1
 Emergency : a game for first aiders
 Environmental bumper box
 Everyday signs
 Factfile 500 : first aid
 First aid and simulations
 Going solo : budgeting
 Green cross code
 IT in business
 Journey
 Keyboard skills
 London adventure
 Lost
 Mainland Britain
 Make it safe
 Megamix
 Micro-life?
 Miscellany 1
 Mix and match
 Money
 Money : disk 1
 Money : disk 2
 Money : disk 3
 Money : disk 4
 Nimbus special offer
 Othello
 Paper round
 Pathway to bearings
 Phonin
 Police - language in evidence
 Problem solver
 Puddle
 Puzzle
 Racing games pack
 Rescue : an island adventure
 Right on time
- Rise and shine
 Road safety project : programs 1 and 2
 Road safety quiz
 Roadcraft 1
 Safety
 Smack
 Snark trail
 Special offer
 Strategies for life
 Street wise
 Survive
 Survive!
 Target; Paint, Order, Odd one out, Octagon
 Ted's adventures
 Tick-tock
 Time for work
 Time quest
 Time trucker
 Timeset
 Timetables
 To school carefully
 TV time
 World of Scylla
 XOR for schools
- Science - primary**
 Airborne
 Beginner's buggy pack with Lego buggy
 Beginner's buggy pack without Lego buggy
 Bird file
 Bird spy
 Bits
 Blockbusters gameboard
 Blocko quiz package
 Can you find it?
 Cedric : version 2.1
 Chomping Charlie
 Computer awareness
 Concept kids
 Contact
 Control
 Control basic
 Control kit
 Control Logo
 Controller
 Control-it
 Data handling in primary science
 Dinosaurs
 Ecosoft
 EMU control card kit
 Fishkill
 Flower and Bird databases
 Flowers and vegetables
 Flowers of crystal
 Freshwater fish of Britain and Ireland
 General science 1
 Go for it!
 Golden eagle
 Heartsearch
 Hot and cold
 Infant farmer
 Lego control Logo resource pack
 Lego technic programmable systems
 LinWEATHER Archimedes
 LinWEATHER BBC
 Machinery is missing
 Make a wildlife garden
 Mammals of Britain and Ireland
 Mammals of the world
 MAPE compendium
 MAPE owl pack
 MAPE tape 4
 MIKE : microprocessor tutor and switching logic
 Minibeasts of Britain and Ireland
 Nimbis
 Old Park Farm
 Osprey
 Pipistrelle
 Pondlife
 Prehistoric animals

- Primary technology : the place of computer control
 Quest data: composite pack
 Rainbow river
 Robotics challenges
 Science start here 1 : Weather, Birds, Myself
 Science start here 2 : Food
 Seafish of Britain and Ireland
 Seashore
 Sense-it
 Shepherd
 Slick!
 Social studies in three dimensions
 Space apprentice
 Space track
 Space walk
 Super seed
 Teeth and dental care
 Tinybits
 Turtle worlds
 Volcanoes
 Voyage to the stars
 Weather and climate
 Whale database
 Whale games
 Whales and dolphins project pack
 Which flower?
 Whispy wood
 Wild flowers
 Work in cars
- Science - secondary**
- 737 flight simulator
 A level chemistry software pack 1
 A level chemistry software pack 2
 A level chemistry software pack 3
 A level electricity pack
 A level general physics pack
 A level genetics
 A level physics suite
 A level/GCSE physics
 Adding Waves
 Airborne
 AlphaCalc
 AlphaCalc activity pack
 AlphaPlot
 AlphaStat
 Analyse your diet
 Analysis
 Angles and trigonometry
 Animal physiology pack
 Applied chemistry
 Assayzap : version 1.3
 Atoms and Diffuse
 Balance your diet
 Balancing equations
 Balancing half equations, Reactions and Periodic table
 Ballistics and Pendulum
 Bargrapher
 Basic organic chemistry
 Bell and Motor
 Benzene
 Bigger byte into control
 Biochemistry
 Biochemistry and molecular biology collection
 Biochemistry and plant physiology pack
 Biochemistry of photosynthesis
 Biographs
 Biology class experiments: food energy, water content and hearing age
 Biology pack 1 : the eye and the ear
 Biology pack 2 : teeth
 Biology pack 3 : the skeleton
 Biology pack 4 : digestion
 Biology pack 5 : respiration
 Biology pack 6 : blood circulation
 Biology pack 7 : the lymphatic system
 Biology pack 8 : excretion
 Biology pack 9 : endocrine glands and the skin
 Biology pack 10 : muscles and joints
 Biology pack 11 : the nervous system
 Biology simulations
 Bioview
 Bio-wood
 Bird file
 Blast furnace
 Blind watchmaker : the program of the book
 Blockbusters gameboard
 Blocko quiz package
 Blood circulation maze
 Body processes and the fate of protein
 Boolean logic
 BP energy file
 BPES electronic catalogue
 Bridge building
 British government model
 British housing study
 Bughunt
 Cambridge identification keys
 Can you find it?
 Car design and Noise
 Cardiolab
 Cathode ray oscilloscope
 CDT selection
 Cedric : version 2.1
 Cell growth
 Cellular modelling system
 Charley
 Chemdata (version 2)
 Chemform and Chemname
 Chemical bonding
 Chemical collisions
 Chemical equations
 Chemical equations revision program
 Chemical equilibrium
 Chemical games pack
 Chemical structures
 Chemistry collection
 Chemistry collection 1
 Chemistry simulations
 Chemi-Cal 1-2
 Chromosome mapping
 Circuit
 Circuit boards
 Circuits
 Circuits : switches and diodes
 Coal mining
 Collisions
 Colour and Optics
 Colour topics
 Compound
 Computer awareness
 Computer control
 Control
 Control applications
 Control basic
 Control kit
 Control Logo
 Control-it
 CPU-SIM assembler
 CPU-SIM CPU simulator
 Data analysis
 Dataplan for the BBC micro
 Decay graph
 Decay series
 DeltaPlot
 DeltaStat
 Demonstration programs
 Determination of the electrostatic constant
 Determining metabolic pathways
 Diagram
 Dieting
 Dies
 Digital electronics: a computer-aided course
 Dimensions
 Dinah
 Direct collision
 Disfree
 DNA structure and replication
 Domestic electrical fault tracing
 Domestic heating
 Dose effect analysis with microcomputers
 Drainage basin
 Drosophila identification multi access key
 Dynamic modelling system : biology models
 Dynamic modelling system : chemistry models
 Dynamic modelling system : physics models
 Dynamics investigator
 Ecology data processing 1 : graphs and charts
 Ecology data processing 2 : statistical methods
 Ecology pack
 Ecosoft
 Edfast
 Einstein's quanta simulation
 Electrical circuit principles
 Electro
 Electrocardiogram
 Electrolysis
 Electromagnetism and electrostatics
 Electron flow in circuits
 Electron pair repulsion theory
 Electronics workshop
 Electrostatic and magnetic fields
 Electrostatics
 Elembingo
 Element data, calculations and oxidation numbers
 Elements and compounds
 Elsie
 EMF, ionisation energies and solubility products
 EMU control card kit
 Entropy
 Enzfitter
 Enzlab
 Enzpack3
 Enzyme kinetics
 EQCAL
 Equations of motion
 Equilibrium and Crystal structures
 Ester
 Ethanol question
 Evolution and natural selection
 Evolve
 Exercise physiology
 Experimental introduction to visual illusions
 Expert 4
 Expert 4 - RT
 Eye
 Factfile 500 : general science
 Factfile 500 : natural history
 Feeder's digest
 Female reproductive cycle and fertilisation and pregnancy
 Fertiliser : the production of ammonium nitrate
 Fertilizer
 Field line simulation
 Fielddata
 Fig.P
 First fonts and PipeDrivers
 Fishing game
 Fishkill
 Floater
 Floating and sinking
 Flowers and vegetables
 Flowers of crystal
 Food program
 Food technology and Energy
 Formulae
 Fourier analysis
 Fourier series and transforms
 Four-stroke engine
 Freshwater fish of Britain and Ireland
 From number theory to secret codes
 Gas density and pH and periodic table
 Gas laws
 Gaseous diffusion
 Gates
 Gelsim
 General election 1987
 General science 1
 Genesim
 Genetic code and mutation
 Genetic code tutor
 Genetic mapping unit
 Genetics (AVP Computing)
 Genetics (Sussex Publications)
 Genetics : collection 1
 Geometrix
 Glycolysis and TCA cycle
 Go for it!
 Golden eagle
 Gore point
 Graph plot
 Graph-fit
 Gravity Pack : three simulations of forces and fields
 Growing concern
 Harmonics
 Healthdata
 Heart and kidney : structure and function
 Heartsearch
 Heredity pack
 Human anatomy : the heart and digestive system
 Human biology 1 : the skeleton and muscular system
 Human biology 2 : nervous and endocrine systems and the eye and ear
 Human biology 3 : the heart and circulation
 Human biology 4 : the digestive system and metabolism
 Human biology 5 : the respiratory system and the urinary system
 Human biology 6 : reproduction
 Human biology : collection 1
 Human biology : collection 2
 Human biology : collection 3
 Human biology diagrams
 Human blood groups
 Human digestion simplified
 Human digestive system
 Human energy expenditure
 Human eye
 Human reproductive cycle
 Human skeleton
 Hydrogen spectrum
 Ideal gas investigator
 Ideas for communications and control resource pack
 IDP mini pack
 IDP pack
 Igraph
 Ileum : version 2.0
 Industrial chemistry and other 16+ topics
 Industrial chemistry pack
 Industrial chemistry
 Inheritance
 Inorganic analysis and Identification of gases
 Inorganic names and formulae
 Inside science
 Insulin : a simulation of the control of blood sugar level
 Interactive database
 Interference and diffraction of waves
 Introduction to electronics
 Introduction to probability
 Introduction to soil types and their formation
 Introduction to statistics
 Introduction to unconstrained optimisation

- Introductory genetics : disk 1
 Introductory genetics : disk 2
 Investigating accelerated motion
 Investigating circuits
 Investigating radioactive sources
 Ionic formula pack
 Iron and steel
 ITMA chemistry pack
 Jake
 Joints
 Kidney
 Kinetic
 Kinetic theory and the gas laws
 Kinetic, EBDA, Ligand, LOWRY
 Kwashiokor
 Labgas computer pack
 Lake web
 Learning about equations
 Lego control Logo resource pack
 Lego technic programmable systems
 Length, area and volume
 Lenses
 Lenses : lens ray tracing
 Levers, pulleys and gears
 LinCAD Amiga
 LinCAD Amiga demonstration disk
 LinCAD Archimedes
 LinCAD Archimedes demonstration disk
 LinCAD Archimedes library disk (pneumatics)
 LinCAD BBC
 LinCAD Nimbus
 LinCAD Nimbus demonstration disk
 LinCAD PC
 LinCAD PC demonstration disk
 LinCAD primer (Amiga)
 LinCAD primer (Archimedes)
 LinCAD primer (Nimbus)
 LinCAD primer (PC)
 Linchart BBC
 Linear motion
 LinWEATHER Archimedes
 LinWEATHER BBC
 Lipidemia
 Lisa
 Littoral zonation
 Logic gates
 LTWaves
 MacSurface modelling : version 3.0
 MacVolumes
 Make a million
 Making connections
 Mammals of Britain and Ireland
 Mammals of the world
 Mapvision
 Mark
 Measure and tell : secondary package
 Measuring length
 Measuring temperature, volume and mass
 Mechanics and electricity
 Menstruation and pregnancy
 Microdiet
 Microsoft chart 3.0
 Micro-Prolog
 Middle secondary physics pack
 Millikan's oil drop experiment
 Mine manager
 Minibeasts of Britain and Ireland
 Mitosis and meiosis
 MK.model
 Models in physics
 Molecular biology series
 Molgraf
 Molgraf new compounds disk
 Moments
 Moths, mice and other beasts
 Motor vehicle studies
 Moving molecules
 Multiplan
 Multiple slit interference
 Multistat
 Muscle physiology
 Muscles
 Naming organic compounds
 Nervax
 Nerve
 Nerve impulse
 Nerve physiology
 Neuromuscular pharmacology
 Neurosim
 Neuro-sys
 Nimbits
 Nuclear reactor
 Nuclear reactor simulation (Longman Micro Software)
 Nuclear reactor simulation (UKAEA)
 Nuclides data base
 Nuffield physics pack
 O/A level physics definitions
 Old Park Farm
 One British county : social study
 Optics
 Organic analysis pack
 Organic chemistry
 Organic chemistry 1 : aliphatic reactions
 Organic chemistry 2 : aromatic reactions
 Organic mechanisms
 Organic nomenclature
 Organic structures
 Orgdraw
 Oscilloscope and waveform analysis
 Osmosis experiments
 Osprey
 Osteotomy planning
 Palstat package
 Particle deflection
 Particle scattering
 Particles and Diffusion
 Periodic quiz, solubility rules and reactions
 Periodic table
 Periodic table
 Periodic table and electronic structure
 Periodicity of the elements
 Phase topics
 Photosynthesis
 Physical chemistry
 Physical chemistry pack
 Physics definitions
 Physics disk 1 : collection
 Physics disk 2 : collection
 Physics disk 3
 Physics experiments
 Physics software pack 1
 Physics software pack 2
 Physics Suite
 Plant biology
 Plant competition
 Plant ecology field study techniques
 Plant succession
 Population change
 Population dynamics
 Population dynamics unit
 Population genetics
 Population sampling
 Potometer, Area volume ratio, and Gradient
 Powergraph
 Practical experiments
 Practical hardware projects
 Prehistoric animals
 Problem solver
 Problem solving with plastics
 Problems in chemistry
 Projectiles
 Proportional representation model
 Psychology lab
 Pulse
 Pulsmod : pulse code modulation
 QSAR-PC
 Quakes!
 Radiation and waves
 Radiation game
 Radioactive decay
 Rainbow river
 Rates of reaction (Howard Freeman)
 Rates of reaction (ITV Schools)
 Rates of reactions
 Rays and waves
 RCL
 Reactions, blindspot and body types
 Recombinant toolkit : version 4.0
 Refining
 Resonance
 Ripple tank and Wavenotes
 Robotics challenges
 Rocket
 Rocks and minerals
 Salts : preparation and solubility
 Satellite orbits
 Scales
 Scan analysis
 Scatchard analysis
 Science in process : pack 1
 Science in process : pack 2
 Science in process : pack 3
 Science in process : pack 4
 Science in process : pack 5
 Science in process : pack 6
 Science in process : pack 7
 Science start here 1 : Weather, Birds, Myself
 Science start here 2 : Food
 Science 1
 Scientific eye
 Seafish of Britain and Ireland
 Seashore ecology disk : collection
 Seed germination
 Sense-it
 Sex determination
 SHMPlot
 Shuffle
 Sigtran : signal transfer
 Simple introduction to numerical analysis
 Simple introduction to numerical analysis 2: interpolation and approximation
 Siting a blast furnace
 Siting an aluminium plant
 Slick!
 Social Britain
 Social model 1 : deprivation
 Social model 2 : an area profile
 Social studies in three dimensions
 SoftOscilloscope
 Soil analysis
 Soil profiles
 Sound and ripples
 Space apprentice
 Spot the polluters
 Spreadsheets across the curriculum
 Statistical and experimental tools
 Statistics for biologists
 Status
 Structure
 Structure and bonding
 Structure, nomenclature and isomerism of organic compounds
 Supergraph
 Survival of the fittest
 Sydney
 Symbols, formulae and valency
 Synthesis of ammonia
 Tadpole 3 : release 3.5
 Teaching with a micro : maths 1
 Technology and design : part 1
 Teeth
 Teeth and dental care
 Temperature
 Temperature probes
 Thermal equilibrium in a solid
 Three acid-base cases
 Timing package
 Titration
 Titrations
 Top gear
 Topics for GCSE
 Trajectory
 Transient/alternating currents
 Transpiration
 Turtle worlds
 Unit 1 : coding information
 Unit 2 : digital systems
 Unit 3 : microprocessor systems
 USA government model
 Vectors in mechanics
 Vegetation and climate
 Velocity of light
 Volcanoes
 Voyage to the stars
 Walter
 Water pollution
 Water treatment
 Watts in your home
 Wavebig
 Waves
 Weather
 Weather and climate
 Whale adventure
 Whale database
 Whale games
 Whales and dolphins project pack
 Whispy wood
 Work in cars
 Working under pressure
 World count
 World of Newton
 World of Scylla
 WSS biology pack 1
 WSS biology pack 2
 WSS biology pack 3
 WSS physics pack 1
 WSS physics pack 2
School and library management
 Acorn host
 Annual review system
 Annual review system : primary version
 Annual review system : special version
 Autobiblio : version 1.3
 Autoref
 Booklist
 Class organiser
 Data press
 dbsAccounts
 dbsPay
 dmsAstra accounting
 Edlib : an electronic library system
 Examination entry programs
 Examination results analysis
 Forecasting, planning and budgeting using Lotus 1-2-3
 Getting the most from Wordstar
 Job costing
 Librarian
 Library catalogue : primary
 Library catalogue : secondary
 Lintable Nimbus
 MacSchool
 Mailshot
 Microcomputer assisted profiling
 Microsoft File 2.0
 Microsoft windows 2.03c
 Microsoft windows/286 2.1
 Microsoft windows/386 2.1
 Microsoft word 5.0 : word processing program
 Microsoft works 1.0
 Microsoft works 2.0
 Microsoft write 1.0
 Multiple choice questions
 Nimbus special offer
 Options package
 Parents evening appointments package
 Payroll
 Pre-school works

PrintMe
 Programs from an introduction to microcomputers in teaching
 Progress
 Pupil profile
 Profiling and matching
 Qadmin
 Qadmin option module
 Qadmin plus : PC and Master versions
 Questionmaster
 RAF (Random Access Files) : version 4
 Recall
 Refsys super
 Request
 Restock
 Rostar 3 : a complete timetabling package for the Apple
 School administrator
 SchoolWorks
 School-based inset : word processing
 Shell 1
 SIR : Schools Information Retrieval
 Special offer
 Student profile
 Supastore
 SupaStore
 Supastore plus
 SupaStore plus
 Superhead
 System delta plus v2
 Text grader
 Timetable
 Timetabler
 Timetabling : OPT1-6
 Timetabling : TT1-6
 Timetabling : TT7, TT8, TT9, TT10, TT11
 Timetabling : TT10 and TT11
 TopLine accounting system
 TopLine book manager
 TopLine business manager
 ViewStore
 Work experience administration package

Special educational needs

20 ready made codelink puzzles
 20 ready made wordfit puzzles
 Add : disk 1
 Add : disk 2
 Add : disk 3
 Add : disk 4
 Add : disk 5
 Add : disk 6
 Add : disk 7
 Add : disk 8
 Add sub maths
 Adding and subtracting and Pathfinder
 Adventure playground
 Alan Nixon's keyboard input programs
 All about me
 Allwrite
 Alpha
 Alphabet gallery
 Anagram
 Animal pack
 Animated alphabet
 Any concepts
 Anycon
 Anycon Braille
 Arcade challenge
 Art and design
 Artist disk
 A-maze-ing
 Bank
 Barbara Hall crosswords
 Basic mathematics
 Basic package
 Basic words
 Beebkey
 Big calculator
 Big match
 Bike insurance
 Blissapple
 Blob 1
 Blob 2
 Blue file software : Vol. 1
 Borealis junior
 Braille display
 Braille to text
 Breaktime games
 Briefing sheets
 Button ROM
 Buttons : a keyboard emulator utility for the BBC computer
 CAD master
 CALL/TVEI project
 Caption
 Carryadd
 Cedar word bank
 Cedars get fit set
 Ceefax in grade 2 Braille
 CE-read
 Change : disk 1
 Change : disk 2
 Chat
 Chatter
 Chick chase
 Christmas caption first school
 Christmas caption 1989
 Classmates
 Click
 Click : a framework program for the BBC micro
 Clock : disk 1
 Clock : disk 2
 Clock : disk 3
 Clock : disk 4
 Clock : disk 5
 Clock : disk 6
 Clocks
 Cloze
 Coins
 Coinset
 Collage
 Collage toolkit
 Colour
 Colour me and Build me
 Colourword
 Compact system
 Compact system : computer assisted curriculum teaching system
 Compact 1 programs
 Compact 2 programs
 Compact 3 programs
 Compact 4 programs
 Compaed crossword
 Complete compact system
 Compound words
 Concept
 Concept keyboard matching
 Concept keypad junior pack
 Consonant blends
 Context
 Cook beans on toast
 Copier
 Count with Blob
 Counting
 Counting
 Counting and adding
 Counting grid
 Craftshop 1
 Craftshop 2
 Crook's corner
 Daily Telegraph crosswords
 Daily Telegraph quick crosswords
 Datafile
 Design and draw
 Dictionary
 Dictionary program set
 Dinosaur discovery
 Directions
 Dragon world
 Drawing pictures and puzzles
 Dreamtime
 Dress : boy and girl

Early fingers
 Early language suite
 Easy type
 Eating for health
 Educational disk
 Educational software for overcoming learning disability : 32 BBC disks
 Educational software for overcoming learning disability : 26 BBC disks
 Electra pen
 Electricity in the home
 English software
 Everyday signs
 Examples
 Final consonant blends
 Find your bearings
 Findword
 First filer
 First steps
 Flash cards
 Flashword
 Floor mat program
 Floor robots 1 and 2
 Floor robots 2
 Fluttering and eyes
 Food for the family
 Forget-me-not
 From pictures to words
 Fun phonics
 Games
 Games : disk 1
 Games : disk 2
 Games : disk 3
 Games : disk 4
 Games : disk 5
 Games programs
 Games, activities and investigations : volume 1
 Games, activities and investigations : volume 2
 Going places
 Going solo : budgeting
 Hangman
 Hanzel and Gretel
 Happy letters
 Happy numbers
 Happy writing
 Helping with spelling
 Hemi-neglect
 Home
 Home economics with information technology
 Hopscotch
 Hot and cold
 ILECC concept
 Image
 In a spin
 Infant disc : from the MEP Infant and first schools pack
 Information sheets
 Initial consonant blends
 Intersheet window
 Intro tray and Concept
 Jigsaw (Arrowsoft Educational Software)
 Jigsaw (4mation Educational Resources)
 Jigsaw and Sliding block
 Journey
 Joystick games 1
 Joystick games 2
 Joystick games 3
 Jumbled words
 Just look
 Just touch and Touch it
 Keyboard skills
 Language programs
 Last adventure
 Learning maths : disk 1
 Learning maths : disk 2
 Let's learn phonics
 Letter and number formation
 Letters
 Letters and pictures
 LGI switch on

Lily and frog
 List explorer
 Lists : a simple jargon-free introductory database
 Locomotion
 Logotext : a language microworld
 Look alike
 Looking at words 1
 Looking at words 2
 Looking at words 3
 Macapple
 Machinery is missing
 Magic E
 Makaton match
 Make and solve crossword puzzle
 Make and solve crossnumber puzzles
 Make and solve numberfit puzzle
 Make and solve utilities
 Make and solve wordfit puzzles
 Make Sam smile
 Maker-user
 Makeway
 Malcolm+ : micro assisted learning communication : single switch version
 Malcolm+ : micro assisted learning communication : double switch version
 Malcom word processor
 Mathematical concepts
 Mathematics : a school-based inset course for teachers of children with special needs
 Mathematics practice in the classroom
 Maths pack
 Maths pack : voiced
 Maths talk
 Matrix
 Mazes
 Measure and tell : primary package
 Measure and tell : secondary package
 Melogo
 Micro maths
 Micromike
 Micromike olympics
 Microspecial
 Minnie
 Miscellany 1
 Mix-and match
 Money : disk 1
 Money : disk 2
 Money : disk 3
 Money : disk 4
 More about me
 More words and pictures
 Movaword
 Move-it
 Muddles : thinking through language
 Multi
 Multiple switch programs
 Music
 Music 1 (compose)
 Mystery
 Mystery
 National Information Base : VHSend database disk
 New friends
 New game
 New number snap
 New shoes
 Newcastle handisystem
 Newspaper
 Number blaster
 Number bonds
 Number lines
 Number work programs
 Numbers
 Numbers and pictures
 Nursery rhymes
 Objects; Shapes; Letters
 Odd one out
 Old Park Farm

- Operation Konlee
 Pad switch games
 Paintpot
 Paintslide
 Paper round
 Pen-Friend
 Phonin
 Picture and number touch
 Picture craft
 Picture gallery suite
 Picture match
 Picture play
 Picture play and some more pictures
 Play and read new game
 Play and read new shoes
 Play and read plus starter pack
 Podd for Concept Keyboard
 Point
 Popular crosswords
 Poster
 Powerkey
 Press and go system
 Pressure mat programs
 Pre-reading : disk 1
 Pre-reading : disk 2
 Pre-reading : disk 3
 Pre-reading : disk 4
 Pre-reading skills
 Primary reading package
 Printer
 Programmers utility disk
 Project programs
 Project programs : first stage
 Project programs : second stage
 Project programs : third stage
 Project space
 Prompt and Writer
 Prompt 3
 Proteus scenarios
 Puncman 1 and 2
 Puncman 3 and 4
 Punctuate
 Questions and answers
 Rainbow (4 colour)
 Rainbow (8 colour)
 Rally A and B
 Reader
 Reading kit
 Reading writing course
 Readlevel program
 Readwell program set
 Redfile 1
 Redfile 2
 Rescue
 Reveal
 Reversals
 Reversals and inversions
 Reversals and inversions
 Right on time
 Rise and shine
 Roll over
 ROMS Viewbank and dictionary
 Safety
 Scenario designer
 Screenreader window
 See a sound series
 See a sound 1
 See a sound 2
 See a sound 3
 SEND sample disc
 Sentence builder
 Sentence scan
 Sequencer
 Set of 13 reading and spelling programs
 Shapes
 Shops and supermarket
 Short vowel sounds
 Show-me
 Sid and Mike : programs for the Micromike
 Silent letters
 Simple equations
 Simple games
 Single switch programs
 Single switch trainer and wiper
 Slide-it
 Sliding block puzzle
 SMILE maths
 Snakes
 Snatch
 Social signs
 Sorting
 Soundsright
 Spanish gold
 Speech
 Speedread : set 1
 Speedread : set 2
 Speedread : set 3
 Speedread : set 4
 Speedread : set 5
 Speedread : set 6
 Speedread : set 7
 Speedread : set 8
 Speedread primary kit
 Speedread secondary kit
 Spellbound
 Spelling
 Spelling : week by week
 Spelling : your own words
 Spot on games
 Square bashing
 Stig of the Dump
 Story program
 Storyboard and Star concept keyboard software : set 1
 Storyboard and Star concept keyboard software : set 2
 Storybook generator
 Street wise
 Stretch
 Subtract : disk 1
 Subtract : disk 2
 Subtraction : hundreds tens and units
 Summer holidays
 Survive
 Switch
 Switch games disk 1
 Switch games disk 1 (Amstrad CPC)
 Switch games disk 2
 Switch games disk 2 (Amstrad CPC)
 Switch games disk 3
 Switch on
 Switch on actions
 Switch on to computing kit
 Switch on travel
 Switchword
 Syrnal
 Table test 1
 Table test 2
 Table test 3
 Table test 4
 Talking about numbers
 Talking Braille cell
 Talking intersheet
 Talking screen reader
 Talking transcribe
 Talking Wordwise
 Teacher's cupboard
 Teacher's pet
 Ted's adventures
 Teddy bears' picnic
 Teddy programs
 Teletext tuner
 Tele-book
 Text to Braille
 Thematic approach to topic work
 Therapist kit
 Therapy games
 Therapy micromix
 Thorne spelling
 Time for work
 Timeset
 Touch 'n' listen
 Touch 'n' match
 Touch 'n' paint
 Touch basics
 Touch explorer plus
 Touch games 1
 Touch games 2
 Touch in pairs
 Touch screen directions
 Touching sound
 Toy control programs
 Transcribe
 Tray
 Turtle concepts
 TV time
 Two of a kind
 Typewriter
 Upgrade new game
 Upgrade new shoes
 Upper and lower case
 Using pictures
 Using symbols
 Vetas
 Videomaths 2
 Viewbank sideways RAM
 Visual discrimination
 Vivid
 Vowel diagrams
 Walkabout
 Warp
 Weather
 Weather watch 1
 Weather watch 2
 Whatley Quarry
 Where's Blob?
 Which and Match
 Which block and Match block
 Which character and Match character
 Which one and Match one
 Which word and Match word
 Window
 Witch way
 Word builder mark 2
 Word hunt 1
 Word hunt 2
 Word hunt 3
 Word matching
 Word skill
 Wordbank
 Wordhang
 Wordplay
 Words
 Words
 Words and pictures
 Words and sentences 1
 Words and sentences 2
 Words and sentences 3
 Wordsearcher
 Wordshapes
 Wordshoot 1
 Wordshoot 2
 Wordweb
 Wordwise lexicon
 Wordwise plus dictionary program
 Wordwise plus literacy pack
 Wordwise window
 Worlds without words
 Write
 Writer
 Your adventure
 Zoopack
 Forecasting, planning and budgeting using Lotus 1-2-3
 Forte
 Full impact
 Getting the most from Lotus 1-2-3 database
 GraphicSheet
 Grass bank : utilities for Grass and Grasshopper
 Grasshopper : an introductory spreadsheet
 Industrial locations
 Intersheet window
 Inter-sheet
 Keysheet
 Macro library and toolkit for LOTUS 1-2-3 users
 MacSS
 Mathematics with a spreadsheet : viewsheet version
 Mathematics with a spreadsheet : multiplan version
 Medusa guides to the View family : four packages
 Micro data
 Micros in business
 Microsoft Excel
 Microsoft Excel for windows 2.1
 Microsoft Excel 1.51
 Microsoft Excel 2.0
 Microsoft Multiplan
 Microsoft Multiplan 3.04
 Microsoft Project 4.0
 Microsoft works 1.0
 Microsoft works 2.0
 Mini office personal
 Mini office professional ST : Spreadsheet module
 Mini office professional
 Mini office 2
 Multiplan
 Number grids
 Operations management using Lotus 1-2-3
 Pigeonhole
 Quickcalc
 Ragtime 2
 Reflex plus
 Result
 SigmaSheet
 Spreadsheet / Graphics
 Spreadsheets across the curriculum
 Spreadsheets/graphics across the curriculum
 Stock pack
 Talking intersheet
 TopLine accounting system
 Trapeze
 View exercise disk
 View professional
 View series : individual pack
 ViewSheet
 Wingz
Utilities and communications
 101 scripts and buttons
 A/UX 1.1
 Acorn
 Acorn host
 Adobe type library
 ADU
 Advanced graphics package
 AlisaTalk
 Any concepts
 Any graph
 Any text
 AppleShare : version 2
 AppleShare PC
 AppleShare print server
 ArcComm
 Archimedes Logo
 Art room CD-ROM
 Basic companion
 Basic editor
 Beebkey
 Buffer module

- Business games
- Business session
- Button ROM
- Buttons : a keyboard emulator utility for the BBC computer
- C library : volume 1
- CADMover
- Catswap
- Cellular modelling system
- Chat
- Chat
- Chatter
- Chauffeur
- CHRGEN
- Click art : laserLetters : Bombay
- Click art : laserLetters : Plymouth
- Click art : laserLetters : Seville
- Collage toolkit
- Colour converter (for monochrome monitor users)
- Colour screenprint (not Star)
- Colour screenprint for Star
- Colour session
- Colourbox and Grafik and Chauffeur
- Command
- CommUnity-Mac
- Companion ROMs
- Concept
- Coping with Econet 2
- CP/M utilities disk
- Crosslinkcomputing
- Datacap
- dBaseII-DeltaStat
- DBS
- Demonstration disc
- Desktop sounds
- Desktop 2
- DFS reader
- DFS reader : RISC OS upgrade
- Dumpmaster
- Dumpmaster 2
- Econet mail
- Econet printer server and spooler
- Econet utilities
- Econet utilities 2
- EFU
- Electronic paintbrush
- Embedded commands utility for Wordwise and Wordwise plus
- Epson black and white dumps
- Euro-mail and Russki-mail
- Execute
- Exodus
- Fairy tales and Fairy lands publishing company
- FIF transfer
- Find label printer
- Flexitest
- FONTastic plus : version 2.0
- Fontographer
- Forte
- Fraction fonts : laserWriter fonts
- Fraction fonts : laserWriter plus fonts
- Fraction fonts : laserWriter IINT fonts
- Fred : viewdata editor
- FS100
- GFA floppy speeder
- GFA GEM Autostarter
- GFA vektor
- GhostFonts : laserWriter fonts
- GhostFonts : laserWriter plus fonts
- GhostFonts : laserWriter IINT fonts
- Ginn language chip and reading 360 sampler disk
- GPiB-SE
- Grafik and Chauffeur
- Graph plotter
- Graphics extension
- Graphics session
- Grass bank : utilities for Grass and Grasshopper
- Hard disk companion
- Hearsay
- Hearsay RISC OS upgrade
- Heraldry resources pack
- Host file transfer tape
- HyerTMON
- Hyperbook authoring system
- HyperCard
- HyperCard AppleTalk toolkit
- HyperCard developer's toolkit : version 1.0
- HyperCard interactive video toolkit
- HyperCard serial communications toolkit
- HyperDA
- HyperEngine
- HyperKRS
- IDEAComm Mac
- Ideas for communications and control resource pack
- ILECC concept
- ILECC run : a menu facility
- Instant access utilities
- Intbas Version 3 : integer basic compiler
- Inter and view link
- InterfaceR
- Investigating accelerated motion
- ISO-Pascal stand alone generator
- Kermit 0.9 : version 40
- Key : utilities Nimbus
- Key : utilities 1
- Key : utilities 2
- Key distribution
- Key single
- Keymaster
- Kinetics fastPath 4
- Knowledge organiser
- K-Spool
- Lab-NB
- Lab-SE
- Lego technic programmable systems
- Letraset type library
- Library of machine code routines volume 1
- Linfont BBC
- Linguists software fonts
- Linotype PostScript fonts
- Lister
- Mac interiors : basic version
- Mac interiors : professional version
- MacCadd : version 4
- MacCadd : version 5
- MacDFT
- MacDraft 1.2b
- Machine code companion
- MacHydro
- MacLink plus
- MacMainFrame DX
- MacMainFrame SE
- MacMainFrame SE/30
- MacMainFrame 2
- MacNIX
- MacNOW
- MacPalette : image writer 2 version
- MacPalette : image writer LQ version
- MacPlot : version 3
- MacServe
- MacSurf
- MacSurf S
- MacSurface modelling : version 3.0
- MacSurvey : version 2.0
- MacTell : Teletel communication software for accessing French videotex services
- MacTerminal 2.3
- MacVolumes
- MacWorkStation
- MacX
- Mac220
- Mac240
- Mac241
- Mailbox
- Mailshot
- Make and solve utilities
- Makeasy
- Mapo
- Marconi tracker ball RB2/101+M
- Master ROM
- Master termulator
- MathCAD 2.0
- McCad EDS-1
- McCad Gerber Translator
- McCad Gerber View
- McCad PCB-ST
- McCad PCB-1
- McCad Schematics
- Menu-maker
- MGM station CAD
- MicroPhone 1
- MicroPhone 2
- Microsoft Basic compiler 6.0
- Microsoft C compiler 5.1
- Microsoft Cobol compiler 3.0
- Microsoft Excel
- Microsoft Fortran compiler 4.1
- Microsoft Macro assembler 5.1
- Microsoft mail 1.36
- Microsoft Pascal compiler 4.0
- Microsoft QuickBasic 4.50
- Microsoft quickC 1.0
- Microsoft windows : ISV toolkit
- Microsoft windows software developers kit 2.1
- Milling and turning
- Mini office 2
- Mini office personal
- Mini office professional ST : communications module
- Mini office professional
- MiniCad 4.0
- ModelShop
- Modern languages word processing : Microsoft word utility disk
- MS DOS Utilities
- MSC/pal : version 1.98b
- Multiplan
- M128 Fileserver utilities
- NCD-III : local viewdata package
- Network operator 2
- NewSPaper artwork disks
- NewSPaper extra font disks
- NewSPaper laser support
- NewSPaper utilities
- Nimbus Logo gallery
- Nimbus Quest transfer disk
- Nimbus utilities
- Nuts : network user terminal software
- NVD-UTIL : Nimbus viewdata utility disk
- Omnibus disk
- Opal
- Outbreak
- PacerGraph
- PacerLink
- PacerPrint
- PacerShare
- PaintSPA toolbox
- PCMACTERM
- PC-Tel : Teletel communication software for accessing French videotex services
- Pegasys
- Pegasys 2
- PenDown extra
- Pendown toolbox
- Plotmate Logo utility
- Plotmate welcome pack
- PowerDraw
- Powergraph
- PreFit, hydroLink and fullPlot
- Printer driver generator
- Printer server
- Printer server EPROM
- PrintMe
- Printwise
- Print-a-screen : Nimbus printer dump
- Procedures
- Programmers companion
- Programmers utility disk
- Punching
- Question mark
- Quest16 utilities
- Quickcalc
- Quickshare
- Quite-Write
- RAF (Random Access Files) : version 4
- Rainbow/MAC
- Rapid display
- Readlevel program
- Red Ryder : version 9.4
- Red Ryder : version 10.3
- Reflection 2
- Reflections
- Reflections 3
- Reggie
- Reporter
- ROMS Viewbank and dictionary
- SADE : version 1.0
- SBAS programs disk
- Scan-light
- Scan-light junior
- Scavenger
- Scavenger A4
- Screen saver
- Screen thief
- Screenprint
- Screenprint (class pack)
- Screenprint (individual)
- SequeLink
- Serial link RISC OS upgrade
- Shields
- Simtex
- Snatch
- Speech
- Squeak : mouse driven Prestel terminal
- StarNine utilities
- StarNineMail link
- Starset
- Statistics for biologists
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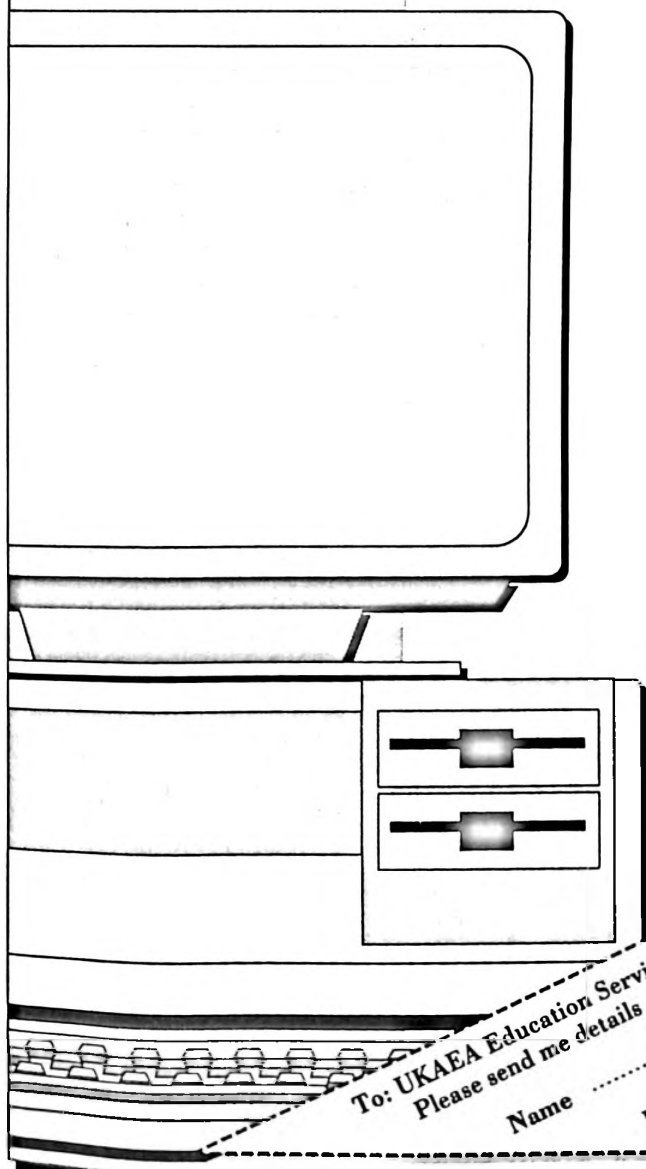


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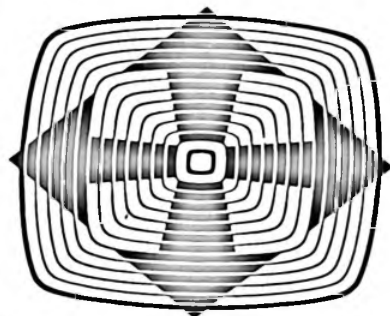
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