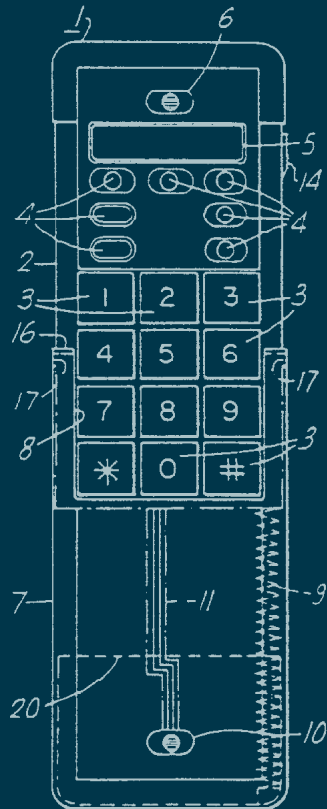


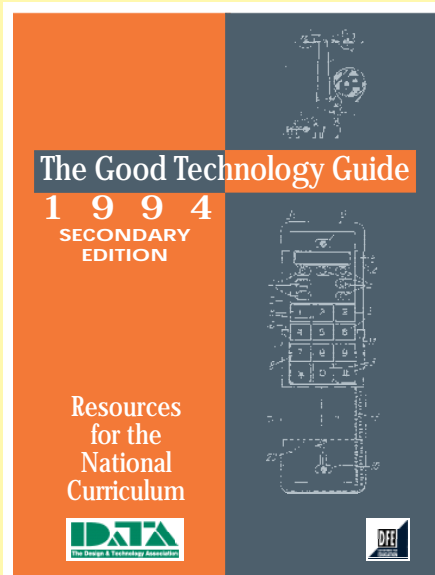
The Good Technology Guide

1 9 9 4

SECONDARY
EDITION

Resources
for the
National
Curriculum





About The Good Technology Guide

The Good Technology Guide is produced by DATA to help teachers of Technology in primary and secondary schools in the U K.

The Guide offers an excellent starting point when planning the year's work. Search by subject and topic to find useful items. Use the index to find other search items. Look to the Guide to find the addresses of publishers and suppliers. All of the resources are currently available. Many will be found in school suppliers' collections and catalogues, libraries, or LEA centres.

The information has been compiled with the assistance of teachers, advisory teachers, advisers, lecturers, librarians, HMI, National Curriculum Council officers, the National Association of Teachers in Home Economics, the SATRO network, UBI, the Engineering Council, the National Council for Educational Technology and many publishers, suppliers and educational centres.

Where possible, the resources have been examined by groups of teachers; their comments on how the most useful resources might help are included. Some resources are illustrated. Many of these have been examined by an expert panel, who have agreed with the opinions of teachers on some of the really excellent items from the hundreds produced each year.

The first edition of the Guide was compiled for the Design and Technology Association by a team from the Department of Information and Library Studies and the Department of Design Technology at Loughborough University of Technology, with support from the Gatsby Charitable Foundation and the Department for Education.

Support for the development of the Guide was provided by the Gatsby Charitable Foundation with assistance from a steering group coordinated by the Department For Education.

Structure

The Guide is arranged alphabetically by broad subject headings using terminology familiar to Technology teachers. Underneath these headings, the entries are arranged alphabetically by topic, and then by title.

There is an index showing other words to use for finding resources in the Guide, plus indexes of authors and titles.

A list of publishers and suppliers gives details of their addresses.

The Good Technology Guide lists resources of all kinds to help teachers of Technology in the National Curriculum. There are several thousand resources from hundreds of producers. Equipment, books, periodicals, videos, slides, software, and relevant centres to visit.

Bibliography

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(c) DATA 1994

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The Good Technology Guide

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BOOKBANK (British Books in Print on CD-ROM, J. Whitaker & Sons Ltd.); TES BOOKFIND (CD-ROM of bibliographical data & reviews from educational journals, Book Data Ltd.); FirstSearch (online cataloguing service of 17 million records, OCLC Europe Inc.); Directory of Educational Software (J. Whitaker & Sons Ltd. for NCET); British Archives (Macmillan Press); Exploring Museums (HMSO for the Museums and Galleries Commission); Finding out: educational visits for the curriculum, which has a Technology section (Rapport Publishing Ltd.); Museums Yearbook (Rhinegold Publishing Ltd for the Museums Association); Using Museums & A Guide to Museums, Galleries and Loan Collections (supplements in the Design Council's Big Paper, No 16, Autumn 1992); the National Audio Visual Library catalogue; UBI Resource Guide (Understanding British Industry).

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The Good Technology Guide

Foreword

Britain needs more of its young people to be educated in the understanding of technology, science and mathematics. This is vital to the development of our industrial competitiveness. As part of our strategy to address these concerns we were the first country within the European Union to provide for the inclusion of technology in the curriculum for all children of compulsory school age.

Implementing this is a real challenge to our schools. The management of their own budgets has given schools the opportunity of making decisions about how resources should be used. But it is important that schools have the information they require to make those decisions. This is particularly true with the teaching of technology because so many elements of it are new. I am delighted therefore that this Department has been able to work with the Gatsby Charitable Foundation and the Design and Technology Association to commission Loughborough University to produce this Guide.

I am encouraged by the number of organisations providing materials to support technology teaching - I hope that this Guide will be a further encouragement to business and industry to join in the education of our children. This country has an enviable record in good design and technology - some of the world's best products were designed here. I believe that this Guide will assist our schools in maintaining and improving on that record.



John Patten
Secretary of State for Education
January 1994



The Design and Technology Association

DATA is the recognised professional association which represents all those involved in design and technology education. It has a substantial and growing membership drawn from across all sectors of technology education and supporting industries. DATA organises a wide range of events to promote design and technology and provides support to regional and local groups who wish to hold workshops, seminars and exhibitions. The 1994 annual conference will be held at Keele University in June and DATA will mount a stand at the annual Design and Technology Exhibition in November at the National Exhibition Centre in Birmingham.

For £25.00 individual membership all DATA members receive:

- 6 issues of *DATA News*
- 3 termly issues of *Primary DATA*
- 3 termly issues of *Design and Technology Teaching*
- occasional special interest publications
- liability insurance
- 10% discount on all educational publications
- special discounts on selected resources and courses.

The subscription is tax deductible (this means it costs only £18.75).

To join DATA simply fill in the membership form at the end of the book.

The Good Technology Guide

Introduction

AIMS OF THE GUIDE

The Good Technology Guide will help teachers of Technology in primary and secondary schools to identify the wide range and variety of currently available resources - brought together in a single source. Most of the items were evaluated by teachers, for teachers. Resources which were found to be particularly good are indicated by highlighted paragraphs and the excellent items are illustrated. The list of criteria used by teacher evaluators appears on page 14. An expert panel assembled to consider the evaluation criteria, and to examine the best resources. The panel's judgments on the most outstanding items are indicated by a star at the end of the title line on the relevant entries.

CONTENTS AND STRUCTURE

Learning to design and make good quality products which fit their intended purpose is the main aim of the Technology curriculum. A wide range of resources might be used to support such activity, and the resources listed in the Guide cover both procedural knowledge - the techniques, skills and principles underlying good technology learning and teaching - and the knowledge required to extend and apply technology in a variety of contexts. The selection of material to include provided a challenge as teachers and advisers sometimes differed in their interpretation of what constitutes Technology. We have tried to represent this breadth of opinion.

The majority of entries are for printed resources. These represent most of the Technology materials published in Britain. In addition, there are selections of equipment, places to visit, journals, audiovisual materials and software. The selection of tools and equipment is representative, and other suppliers and manufacturers will offer products similar to the items illustrated in the Guide. Educational visits include many of the newly established interactive science centres, where education officers can help pupils to move quickly from theory to practice.

The Guide is divided into six sections reflecting the current Technology Order. Items are listed in only one place. Each section is arranged alphabetically by topic and miscellaneous items are grouped under the heading 'General'. The Process Skills section focuses on the designing and making processes, irrespective of their context. The index at the end of the Guide should provide alternative routes into the information. We have responded to the suggestions of teachers involved in a pre-production feasibility study by making the Guide easy to use, with clear guiding and colour illustrations.

The resources were checked to establish their availability for purchase and a list of the relevant publishers and major suppliers will be found at the end of the Guide. Many resources will also be available for loan from traditional sources such as local education authority centres, school library services and initial teacher training institutions.

Please use the forms at the end of the Guide to send details of resources for the next edition.

The Good Technology Guide

TITLE
full index on page 322.

PHYSICAL DESCRIPTION
size, pages, illustrations, etc - all books are A5 size unless otherwise stated.

AUTHORS
full index on page 316.

PRICE
starting price only for software - as equipment prices vary between suppliers, apply direct for exact price.

PUBLICATION YEAR
some industry resources have no date.

SUPPLIER
full list on page 303.

SECTION HEADING
on every page.

SUBJECT HEADING
on every page - full index on page 334.

PHOTO
for all excellent resources and a star for the very best.

TEACHER'S EVALUATION
for the best items.

PICTURE
for all tools and equipment.

NEW SUBJECT HEADING.

KEY STAGE
and suitability for special needs.

DATABASE ENTRY NUMBER.

SECTION & SECTION PAGE NUMBER.

ISBN
(International Standard Book Number) for books or **ISSN** (International Standard Serial Number) for journals - paperback ISBN wherever possible.

PUBLISHER
full list on page 303.

The Good Technology Guide

Evaluation Guidelines

The following guidelines were issued to the evaluators.

ELEMENTS TO LOOK FOR WHEN DECIDING WHICH ITEMS TO EVALUATE

1 SUBJECT CONTENT: Is it sound in its treatment of NC Technology subject content and concepts? Does it build on underlying principles from other subjects eg science and maths? Does it relate, refer to or offer 'real world' or imaginary applications appropriate to Key Stages 1-4? Is it sound on any industrial processes, if applicable, and accurate in its technical content? Does it fit a particular PoS best? How well does it achieve this?

2 CAPACITY TO SUPPORT: Does it have a capacity to offer good support for pupils, or teachers, or both, either by presenting sound background or factual information, or by offering appropriate classroom activities? How well does it do this? Does it provide, or have a capacity to inspire or trigger ideas for classroom or teacher activity? How well does it do so? Can it be used in several different ways, if this is appropriate for the topic? Some teachers will be teaching Technology for the first time; others will be specialists in one of the Technology subjects; others will be capable of teaching across the whole range of Technology subjects and PoS. Is the item flexible enough to meet all of these needs? Could it be used as part of cross-curricular work?

3 LANGUAGE: Is the language (general and technical) appropriate for the topic, and for the assumed or intended level of pupil ability? Keep in mind the range of ability levels within each key stage.

4 PHYSICAL FORM: Consider page design and layout, internal guiding of the material, indexes, technical glossaries, and other helpful devices to guide pupils or teachers. Are there (if appropriate to the subject content) illustrations, and is colour appropriate? Is it easy to 'get into', make sense of, and use?

5 IS IT EXCELLENT?: An excellent resource should achieve your maximum score, where this is appropriate, in all of the above elements. However, we recognise that some very good resources focus upon specific topics and teaching styles, so will inevitably achieve lower scores. The items you recommend will be seen by other evaluators, so there will be some additional discussion on the final selection.

You should write a paragraph if you feel that a resource is 'very good' in terms of Subject Content and Capacity to Support.

General

Adhesives and Sealants: a Resource Pack for Schools

A4 laminated folder, datasheets, fact sheets, teachers' notes

Aims to increase pupil understanding of the range and uses of adhesives and sealants, their properties and their constraints. A table shows links with the Technology curriculum. Photocopiable.

£0.00 *British Adhesives and Sealants* 1991

1	2	3	4	SEN
		✓	✓	

00346

Constructional Materials

48pp

Cave, John

Aims to provide a basic background to construction materials as defined by the Key Stage 4 Design and Technology syllabuses. Photocopiable.

This book has been written specifically to provide basic knowledge and facts associated with construction materials as defined by KS4 D&T syllabuses. It is a simple guide set out as a series of worksheets. The text is clearly written and illustrated, meeting the reference and revision needs of most students. The worksheets are copyright free.

£14.40 *Nelson* 1993 ISBN 0 174385 35 8

1	2	3	4	SEN
			✓	

6029

Electric Fretsaw

Electro-magnetic saw

The fretsaw is safe for children to use because of its vibrating blade. It cuts wood, metal and plastics but not fingers. Designed for intricate and delicate work e.g. jigsaw pieces and very small models.

Spiralux

1	2	3	4	SEN
	✓	✓	✓	

04052

**Fix, The**

19 min, video

Whitworth, Hugh

Fourth in a series of six BBC programmes, which concentrates on methods used in fixing, attaching and joining in industry.

£0.00 *Uden Associates* 1991

1	2	3	4	SEN
			✓	

01449

Glazes

Hardback, 96pp, ill

Cooper, Emmanuel

Explains what glaze is and how to best formulate and apply it and describes how to evolve glazes, prepare them from recipes, and how to colour finished glazes. Techniques are clearly demonstrated in step-by-step photographs.

£14.99 *Batsford Ltd* 1992 ISBN 0 713467 17 7

1	2	3	4	SEN
		✓		

0245c

Going Through the Wind

19 min, video

Looks at the design of a petrol powered vehicle for the Shell Mileage Marathon by a group of physically handicapped school children.

£12.08 Shell Education Service 1990

1	2	3	4	SEN
			✓	✓

6103

Industrial and Maritime Museum

Bute Street, Cardiff, CF1 6AN

Visit: Telephone no. (0222) 481919

Exhibits trace the development of industry in Wales. Features the development of power to drive machines for production, from waterwheels to steam turbine pumps, and Welsh-made cars to Trevithick's locomotive.

1	2	3	4	SEN
	✓	✓	✓	

01415

King Arthur's Spaceship and other Mechanical Marvels

Hardback, 32pp, col ill

Hartas, Leo & Yeoman, John

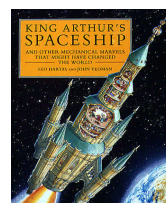
Looks at some historical structures and events. The author speculates how objects such as the Sphinx and a Spanish galleon could have been used, had the technology existed.

A very funny and creative book that would be a useful source of stories and imaginative ideas for building incredible and fantasy machines. Teachers looking for ideas to work on technology through stories will find this excellent book a useful starting, middle or finishing point.

£7.99 Pan Macmillan Children's Books 1993 ISBN 0 333488 80 6

1	2	3	4	SEN
	✓	✓		

02907

**Materials**

A4, 32pp, col & b/w ill

Fieldhouse, Jack & Robertson, Stuart

Focuses on GCSE level courses. Organised in double page spreads for a lesson. Experimental details and results are used to develop information-handling and problem-solving skills. Covers topics such as materials, their uses and properties, fibres and choosing materials.

£3.75 Oxford University Press 1989 ISBN 0 199143 09 9

1	2	3	4	SEN
			✓	

01336

Materials

32pp, col ill

Jennings, Terry

Practical introduction to materials with questions on the text, things to do and simple experiments. Designed to be used in conjunction with course books and teacher's manual.

£3.25 Oxford University Press 1984 ISBN 0 199181 64 0

1	2	3	4	SEN
	✓	✓		

02584

Materials

80pp, b/w ills

Taylor, Peter

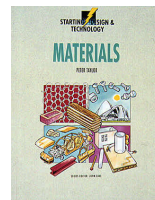
This book contains five sections and a mini-dictionary. Diagrams and illustrations are used to explain about materials and their applications. Each chapter has key words and ideas printed in bold type.

A good basic introduction to materials. Could be used in both primary and secondary phases. Good ideas with clear illustrations.

£5.99 Cassell 1990 ISBN 0 304316 48 2

1	2	3	4	SEN
	✓	✓		

00039

**Materials: a Database**

A4, 16pp, IBM; Archimedes

A database which gives information about materials including wood, plastics, ceramics, textiles and metals, including their main features, appearance, physical properties and typical applications.

£16.50 SCSST/SATRO 1993 ISBN 0 904214 81 8

1	2	3	4	SEN
	✓	✓	✓	

01372

Materials in Your Home

Hardback, 48pp, col ills

Dixon, Malcolm

Aims to provide a scientific base for learning about the properties and functions of materials.

£8.99 Wayland 1993 ISBN 0 750207 01 9

1	2	3	4	SEN
✓	✓	✓		

02539

Materials Matter

11 min, video

Kent, Chris & Ford, Alan

The subject is material choice and in this case the application is the design of a wing for a jet aircraft. The importance of material choice is highlighted. Section and design processes are followed and also testing a new material. Use of technology in the processes is considered and evaluated.

£29.50 Design Council 1986

1	2	3	4	SEN
		✓	✓	

01456

Materials Technology

Series of 3 books, b/w ills

A cross-curricular approach to materials technology. The pupil's book provides graded sections for mixed ability classes, which includes explanatory diagrams and photographs. The teacher's guide includes a lesson-by-lesson outline, project suggestions and equipment needs. There is also a workbook. The price quoted is for the full set.

£23.50 Longman 1981 ISBN 0 050033 96 4

1	2	3	4	SEN
			✓	

6086

Modern Materials

A4, 44pp, b/w ills

Stoker, A

Written for pupils studying CSE and non-examination science and science related courses. Contains background information, questions and suggestions for practical work in an easily readable form.

£3.75 Cambridge University Press 1984 ISBN 0 521285 99 2

1	2	3	4	SEN
			✓	

00580

Museum of Mankind

Burlington Gardens, London, W1X 2EX

Visit: Telephone no. 071 323 8043

A wide range of materials and items from many cultures, including mosaics, puppets, masks, tools, weapons, religious artefacts, and a recreated rice barn with carvings. Teaching materials available.

1	2	3	4	SEN
	✓	✓	✓	

01525

Mythbusters

10 min, video, 2 posters, 8 activity cards, teachers' notes

Uses a presenter and well-known science fiction films to challenge long-standing myths such as starships, killer plants and giant creatures. Cards allow pupils to experiment with 'real' science. Provides an opportunity for pupils to design, build and evaluate a number of structures.

£14.95 BNFL 1991

1	2	3	4	SEN
	✓	✓		

0152c

National Curriculum, Construction & the Built Environment

A4, ringbinder, 50pp, ills

An introduction to the potential of construction and the built environment as a learning context and cross-curricular theme.

£14.00 CITB Publications Department 1992

1	2	3	4	SEN
			✓	

0205c

Raw Materials

A4, hardback, 48pp, col ills

Kerrod, Robin

This book reviews the Earth's resources, both on land and in the sea, and shows how this wealth is extracted. Contents include the Earth's resources, forestry, mining, processing minerals, and synthetics.

£8.50 Wayland 1990 ISBN 0 750200 23 5

1	2	3	4	SEN
		✓	✓	

00746

Science and Technology Activities Collection

A4 folders, cards

Twenty design and make problem solving activities, with teacher hints and suggestions. References to relevant building cards in LEGO Technic simple machines.

£25.00 LEGO Dacta

1	2	3	4	SEN
	✓	✓		

01475

Snibston Discovery Park

Ashby Road, Coalville, Leicestershire, LE6 2LN

Visit: Telephone no. (0530) 510851

Includes an interactive science centre (Science Alive) and exhibits on transport, textiles and fashion, engineering and extractive industries.

1	2	3	4	SEN
	✓	✓	✓	✓

01408

Sticking with Technology

A4 plastic wallet, 48pp booklet, col ills

Investigates the use of tapes and adhesives. Photocopiable fact sheets provide resources for selecting and using tapes and adhesives correctly. Includes activities.

£13.50 SCSS/SATRO 1993 ISBN 0 904214 66 4

1	2	3	4	SEN
		✓	✓	

01373

Tech and Tools Book, The

A4, 200pp

Sandhu, Ruby & Sandler, Joanne

Directory of technologies used by women around the world. Provides clear information and illustrations.

£9.95 *Intermediate Technology* 1986 ISBN 0 946688 17 6

1	2	3	4	SEN
	✓	✓	✓	

05035

What are Things Made of?

Hardback, 78pp, col ill

Ottenheimer-Maquet, Laurence et al

Examines how we use different materials, such as glass, leather and wool. Looks at how these materials develop, the processes used to refine them for use, and the history of their usage. Includes a quiz and activities.

£9.99 *Moonlight Publishing Ltd* 1992 ISBN 1 851031 27 8

1	2	3	4	SEN
	✓	✓		

02924

Aggregates**Building Brick Kit**

Bricks of real baked clay, roofing tiles, natural mortar

The Building Brick Kit is designed for use by architects young and old. The kit includes bricks (made of real baked clay), roofing tiles and natural mortar. Design and construct a building of your own, or follow the instructions to make one of the planned examples. To reuse the bricks and tiles soak them in water.

£27.50 *Science Museum*

1	2	3	4	SEN
✓	✓	✓	✓	

0260c

Stone Engineering

The mystery of how neolithic peoples constructed Stonehenge is the setting for a challenge to pupils to find the least force necessary to overcome friction. They also carry out investigations on levers and ramps and try to decide how the 'stone engineers' placed the lintels on the Sarcen stones.

£5.00 *BP Educational Service* 1993

1	2	3	4	SEN
		✓		

0196c

Asphalt**Mastic Asphalt: Part 1**

116 min, video, 64pp

Application of first and second coats of mastic asphalt to horizontal and vertical surfaces.

£34.50 *DS Audiovisual Services* 1985

1	2	3	4	SEN
		✓	✓	

01425

Building**Avoncroft Museum of Buildings**

Stoke Heath, Bromsgrove, Worcestershire, B60 4JR

Visit: Telephone no. (0527) 31886/31363

An open-air museum of buildings which have been re-erected on a 15 acre site. The exhibits date from the thirteenth century.

1	2	3	4	SEN
	✓	✓	✓	

01363

Building for Tomorrow

A4, hardback, 45pp, col ills

Barber, Nicola

Explores developments in design, materials and building techniques, and how they vary from one part of the world to another. It examines different kinds of structures from energy efficient housing and emergency shelters to floating airports.

£8.95 *Cloverleaf* 1992 ISBN 0 237511 81 9

1	2	3	4	SEN
		✓		

00762

Building Materials

Hardback, 48pp, col ills

Dixon, Malcolm

Examines building materials and how they are used for different kinds of building work. Includes experiments and activities.

This book could provide useful support for teachers as it takes real-life situations, describes the background and then gives practical and relevant tasks which could be undertaken in the classroom. Particularly useful for providing opportunities for pupils at KS2 and 3 to experience practice as well as theory.

£8.99 *Wayland* 1993 ISBN 0 750207 02 7

1	2	3	4	SEN
	✓	✓		

02895

Building Technology

Hardback, 48pp, col ills

Lambert, Mark

Looks at today's materials and design, and goes on to explain the basic features of all structures. Examines the technology involved in building roads, bridges, tunnels and dams. Discusses renovation of old buildings and the technology used in demolition. Looks at the direction in which building technology may lead in the 21st century.

£7.95 *Wayland* 1991 ISBN 0 750200 49 9

1	2	3	4	SEN
		✓		

01093

Cathedral

80pp, b/w ills

Macaulay, David

Uses the story of an imaginary cathedral to show the methods used in the construction of a Gothic cathedral.

£4.99 *HarperCollins* 1988 ISBN 0 001921 60 6

1	2	3	4	SEN
		✓		

01131

Don't Get All Steamed Up

In response to a request from a local council, the pupils investigate solutions to the problems of damp in homes caused by condensation.

£1.50 *BP Educational Service* 1993

1	2	3	4	SEN
		✓		

0191c

Elements of Brick Work

13 min, video

Arnett, Tom

Examines the tools required in bricklaying and demonstrates mortar application and types of finishing joints. The film shows how the building line and first dry bonded course of the wall are established.

£25.00 *Moreland - Latchford* 1973

1	2	3	4	SEN
		✓		

01420

Introduction to the Use of Information Technology in Building Crafts

53 min, video, 64pp

Examines the use of the CAD package Logos and the Multiplan broadsheet utility.

£34.50 *DS Audiovisual Services* 1986

1	2	3	4	SEN
		✓	✓	

01365

Painting & Decorating: Parts 1 and 2

91 min, video, 94pp

Two programmes which demonstrate hanging vinyl wallcoverings, and applying gloss paint to a flush door.

£34.50 *DS Audiovisual Services* 1982

1	2	3	4	SEN
		✓	✓	

01364

Plastic Route, The

31 min, video

Awcock, Tom

The types of PVC conduit and fittings and their manufacture are considered. Their use and installation are shown and it is emphasised that this is dependent upon the type of building and situation. Aims to demonstrate methods of cutting, bending, installing and wiring both PVC conduit and mini trunking.

£49.50 *Team Projects* 1989

1	2	3	4	SEN
		✓	✓	

01441

Question of Skill, A

50 min, video

Awcock, Tom

The video is in two parts. The first examines the need for cable enclosures and mechanical protection of wiring. The second part examines the development of workshop skills, including working with PVC cables and making terminations.

£59.50 *Team Projects* 1989

1	2	3	4	SEN
		✓	✓	

01415

Roof Tiling Using Man Made Tiles: Parts 1 and 2

90 min, video, 64pp, teachers' notes

Apprentices and supervisor are featured in a workshop environment. This video covers the fixing of felt battens and synthetic slates to a hipped and gable ended roof. Also covers cutting eaves and verge slates together and securing slates by centre nailing and tail clipping.

£34.50 *DS Audiovisual Services* 1985

1	2	3	4	SEN
		✓	✓	

01423

Solid Plasterwork: Parts 1 and 2

107 min, video, 94pp

Looks at the preparation and casting of ceiling, niche and niche boards, using fibrous plasterwork, fixing a fibrous plaster cornice, setting a wall and in-situ moulding.

£34.50 *DS Audiovisual Services* 1983

1	2	3	4	SEN
		✓	✓	

01368

Technology and the Built Environment: Key Stage 4

Pack, teachers' notes

Supporting package for the ULEAC Thematic GCSE Technology syllabus. Includes projects and resources.

£25.00 *CITB Publications Department* 1994

1	2	3	4	SEN
			✓	

0207c

Thatching: the Unchanging Craft

10 min, video

Examines the preparation of reed, the thatcher's tools and how hazel and willow spits are made and used. Shows the main stages in thatching a roof.

£29.50 NCAVAE 1964

1	2	3	4	SEN
✓	✓	✓	✓	

01440

Ceramics**British Museum**

Great Russell Street, London, WC1B 3DG

Visit: Telephone no. 071 636 1555

Historical artefacts from around the world, including clocks and watches, ceramics and sculptures.

1	2	3	4	SEN
✓	✓	✓	✓	

01367

Ceramics

A4, 141pp, col ill

Christy, Geraldine & Peach, Sara

Step-by-step techniques for making and designing pottery from basic skills to more complicated projects. Includes advice on tools to use, glazes, painting etc.

£7.99 Hamlyn 1993 ISBN 0 600575 46 2

1	2	3	4	SEN
		✓	✓	

02617

Ceramics Source Book

Hardback, 192pp, col ill

Manners, Errol

Looks at the history and development of ceramics, covering the ancient world, China, Japan, the Islamic world, European pottery, European porcelain, arts and crafts to Art Deco and the studio potter.

A ceramic pictorial history of the craft and of the roots of modern studio pottery. There are few other publications that address this particular field as well. Beautifully illustrated in colour, with all the right examples represented.

£19.95 Collins & Brown 1990 ISBN 1 855850 20 6

1	2	3	4	SEN
✓	✓	✓	✓	

6022

**Decorated Earthenware**

Hardback, 96pp, col & b/w ill

Levy, Mike

Explores in depth the techniques needed to produce highly original decorated pots. It gives the history of decorated pottery, and examines the skills needed to achieve successful results, including the preparation of slips and glazes, design and colour application.

£14.99 Batsford Ltd 1992 ISBN 0 713467 70 3

1	2	3	4	SEN
		✓		

0244c

Designer China

Hardback, 160pp, col ill

Harle, Lesley & Conder, Susan

Looks at designing and creating hand painted ceramics and using them to match or complete interior design effects. Step-by-step photos are reinforced by sections on basic ceramic painting skills and techniques.

£16.95 Letts (Charles) and Co. Ltd 1991 ISBN 1 852381 72 8

1	2	3	4	SEN
			✓	

00696

From Clay to Mug

Hardback, 29pp, col ills

Baxter, Nicola

Follows the process of ceramic making, from the mining and preparation of clay through to the finished product. Includes projects and questions.

£7.99 *Simon & Schuster Young Books* 1993 ISBN 0 750013 19 2

1	2	3	4	SEN
	✓	✓		

02613

Illustrated Dictionary of Practical Pottery, The

288pp, ills

Fournier, Robert

Designed as a practical handbook for the classroom, workshop or studio concentrating on modern techniques, types of glazes, methods of firing, and new materials, such as ceramic fibre. Covers lead compounds and asbestos-based materials - with warnings and alternatives suggested.

£19.99 *A & C Black* 1992 ISBN 0 713635 52 5

1	2	3	4	SEN
	✓	✓		

0246c

Introduction to Pottery

A4, hardback, 128pp, col ills

Wallner, Linde

Aims to be a comprehensive manual for first time potters, with graded projects, hints on equipment and materials.

£8.95 *Apple Press Ltd* 1990 ISBN 1 850762 04 X

1	2	3	4	SEN
			✓	

00632

Potter's Workbook

Hardback, 96pp, ills

Rowe, Christine

A well-illustrated introductory guide to both technique and design. Taking her inspiration from natural forms, faces and figures, urban life and the landscape, Christine Rowe shows how to prepare clay and create a series of pinch and coiled pots.

£13.99 *Batsford Ltd* 1992 ISBN 0 713466 19 7

1	2	3	4	SEN
		✓	✓	

0249c

Pottery, a Complete Guide to Pottery-Making Techniques

136pp, col ills

Birks, Tony

A manual of pottery making.

£11.99 *Alphabooks* 1988 ISBN 0 713630 21 3

1	2	3	4	SEN
	✓	✓		

0250c

Pottery: From Start to Finish

48pp, col ills

Potter, Tony

Explains the basic techniques of pottery, and how to transform wet clay into a finished object using these techniques. Gives tips on designing pots and explains how to use self hardening clay if you do not have access to a kiln.

£4.50 *Usborne Publishing Ltd* 1985 ISBN 0 860209 44 X

1	2	3	4	SEN
	✓	✓		

02654

Pottery Without a Wheel

16 min, video

Six programmes covering hand pottery making. Includes decoration, tile and jewellery making, glazing, finishing and throwing. Also includes making pots without a wheel. Produced in conjunction with the Educational Foundation for Visual Aids.

£29.50 *Richard Philips* 1982

1	2	3	4	SEN
		✓	✓	

01417

Collage**Collage**

48pp, col ills

Devonshire, Hilary

Simple introduction to the skills and techniques of collage. Provides guidance on where to obtain materials and how to find out more about the subject.

£4.99 *Franklin Watts* 1990 ISBN 0 749604 04 2

1	2	3	4	SEN
		✓	✓	

00875

Concrete**Highlights in the History of Concrete**

A4, 44pp, b/w ills

Stanley, Christopher C

Describes the history of concrete.

£3.00 *Cement and Concrete Association* 1986 ISBN 0 721011 56 X

1	2	3	4	SEN
			✓	

00323

Construction Kits**Fischer Technik Junior 2000 Teachers' Resource Book**

A4, Spiralbound, 71pp

Comprises developing models, design scenarios, design & technology topics, science and English & maths

£20.00 *Economatics Education Ltd*

1	2	3	4	SEN
	✓	✓		

00119

Meccano Enthusiast Set 9

Meccano construction kit

This set contains over 1,100 parts and detailed instructions to construct over 300 working models. Meccano provides an ideal construction system for building complex working models. Individual components are a useful modelling resource to integrate with other materials.

£255.00 *NES Arnold*

1	2	3	4	SEN
		✓	✓	

8000



Tac Tic Construction System

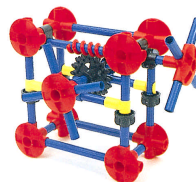
Twist and lock, push together system

Made from a good quality plastic, the kits consist of tubes linked together with joints. Explores structures, spatial awareness and energy. Support materials and expansion packs are available.

London Emblem plc

1	2	3	4	SEN
✓	✓	✓		

04044

**Costing****CDT Costings**

BBC; Archimedes

A program designed to help pupils make a costed materials list, consider alternatives and obtain a detailed printout. Covers wood and metals (sheet, bar, rod, tube).

£38.50 NCET 1985

1	2	3	4	SEN
		✓	✓	

0146c

Crafts**Art & Craft, Design & Technology**

Journal, monthly

Lowcock, Eileen (ed.)

Designed for teachers of art and craft and design and technology. Each issue contains a free project pack which consists of a colour poster with four photocopyable worksheets on the reverse. Topics covered include decoration, sea and shore, Christmas, African art, and the Impressionists.

£26.50 Scholastic Publications Ltd ISBN 0 262 70 35

1	2	3	4	SEN
✓	✓	✓	✓	

01001

Christmas Crafts

Hardback, 48pp, col ills

Devonshire, Hilary et al

Uses step-by-step photographs to illustrate a variety of techniques used in creating Christmas cards & decorations.

£8.50 Franklin Watts 1990 ISBN 0 749601 41 8

1	2	3	4	SEN
	✓	✓		

00878

Complete Book of Patchwork, Quilting and Appliqué

Hardback, 184pp, col ills

Seward, Linda

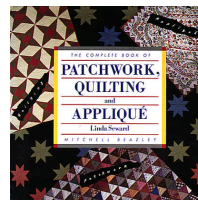
A step-by-step guide to patchwork, quilting and appliqué.

This is a complete guide to the declared title. The subject is dealt with very well with step-by-step illustrated instructions which could be easily followed by a student. A good resource for a student wishing to explore this field. The approach is modern and relatively gender free.

£14.99 Mitchell Beazley 1987 ISBN 0 855336 63 3

1	2	3	4	SEN
✓	✓	✓	✓	

6023

**Craft for the Classroom**

Hardback, 497pp, col & b/w ills

Linderman, Earl W & Linderman, Marlene M

Presents a range of crafts as well as the materials needed, the procedures used, and checkpoints for organising the lessons.

£16.75 Collier Macmillan 1977 ISBN 0 023707 80 1

1	2	3	4	SEN
	✓	✓	✓	

02608

Crafts Council

44A Pentonville Road, London, N1 9BY

Visit: Telephone no. 071 278 7700

Exhibition of contemporary crafts, pictures, books and workshops on textiles, wood, clay and metal. Also has a slide loan service.

1	2	3	4	SEN
✓	✓	✓	✓	

01373

Crafts for Celebration

A4, hardback, 48pp, col ills

Casey, Judith

Specially designed to stimulate pupils' interest and imagination in all aspects of the arts. The activity based approach encourages children to read, think, observe and try for themselves a variety of skills and techniques.

£7.95 Merlion Publishing 1993 ISBN 1 857370 27 9

1	2	3	4	SEN
	✓	✓		

03200

Crafts for Everyday Life

A4, hardback, 48pp, col ills

Crush, Margaret et al

Designed to stimulate pupils' interest and imagination in arts and crafts. Examines a variety of skills and crafts, giving the history and origin. Includes activities.

£7.95 Merlion Publishing 1993 ISBN 1 857370 22 8

1	2	3	4	SEN
	✓	✓		

02902

Crazy Faces and Masks

A4, hardback, 32pp, col ills

Robson, Denny

Suggests things to make from everyday 'junk' from how to construct an astronaut's helmet from a cork, an egg box, drinking straws, flour, water, a dustbin liner and two ping-pong balls.

£8.50 Franklin Watts 1992 ISBN 0 749607 88 2

1	2	3	4	SEN
	✓	✓		

02875

Creative Christmas Gifts

Hardback, 80pp, col & b/w ills

Claxton, Annette

Provides ideas and simple illustrated guides for making Christmas gifts.

£9.99 *New Holland Publishers* 1991 ISBN 1 853681 27 X

1	2	3	4	SEN
		✓		

6032

Festive Fun

63pp, ills

Ludlow, Angela

Provides ideas for craft projects and activities for festivals throughout the year. Includes recipes and stories.

£3.99 *Lions* 1992 ISBN 0 745914 84 5

1	2	3	4	SEN
✓	✓	✓		

02912

Fire

A4, hardback, 32pp, col ills

Petty, Kate

Uses the topic of fire to develop ideas for crafts and activities. Contents include charcoal drawing, making candles and outdoor cooking. Includes a fire quiz.

£7.95 *Franklin Watts* 1990 ISBN 0 749602 30 9

1	2	3	4	SEN
	✓	✓		

03061

Fun Models

32pp, col & b/w ills

Grater, Michael

Includes colour illustrations and step-by-step diagrams with explanatory text and aims to show how models can be made from old cartons, plastic bottles and other material that would have been thrown away.

£3.99 *Macdonald* 1987 ISBN 0 356118 30 4

1	2	3	4	SEN
	✓	✓		

02690

Fun with Paint

Hardback, 48pp, col ills

Butterfield, Moira

Explains how to print and paint patterns in a variety of ways from straw and splatter paintings and paintings on glass, to paint pots and pebbles, marbling and stencilling.

£5.99 *Hamlyn* 1993 ISBN 0 600575 53 5

1	2	3	4	SEN
	✓	✓		

02610

Horniman Museum

100 London Road, Forest Hill, London, SE23 3PQ

Visit: Telephone no. 081 699 1872

Contains exhibits of crafts and musical instruments from many countries. Workshops on pottery and other activities. A teacher's pack is available.

1	2	3	4	SEN
	✓	✓	✓	✓

01383

Inspirations for Christmas: Art and Craft

191pp, b/w ills

Jones, Joan

Provides lots of practical ideas for Christmas art and craft activities ranging from decorations, models and pictures to musical instruments, toys and games. Ideas are organised by topic and each is provided with diagrammatic and written instructions and background information.

£7.99 *Scholastic Publications Ltd* 1991 ISBN 0 590764 05 5

1	2	3	4	SEN
	✓	✓		

02610

Make Gifts!

48pp, col ills

Solga, Kim

Provides ideas for making gifts using everyday materials, such as pop-up cards, gift calendars and name sculptures.

£3.99 *Hodder & Stoughton* 1993 ISBN 0 340587 28 8

1	2	3	4	SEN
	✓	✓		

01429

Make Prints!

48pp, col ills

Solga, Kim

Step-by-step instruction on how to use simple materials to make prints and pictures. Activities are designed to show pupils new materials and skills and encourage experimentation.

£3.99 *Hodder & Stoughton* 1993 ISBN 0 340587 31 8

1	2	3	4	SEN
	✓	✓		

03217

Making Masks

A4, hardback, 128pp, ills

Frank, Vivien & Jaffe, Deborah

Features step-by-step projects based on mask designs from around the world, from a simple mask for a party to an elaborate artwork based on a traditional folk design.

£9.95 *Apple Press Ltd* 1992 ISBN 1 850763 74 7

1	2	3	4	SEN
		✓		

0247c

Making Presents

Hardback, 148pp, col ills

Bawden, Juliet

Provides a variety of ideas for making presents from everyday items and materials including papier mache pots, paste jewellery, salt dough models and home made sweets.

£5.99 *Hamlyn* 1993 ISBN 0 600575 52 7

1	2	3	4	SEN
	✓	✓		

02609

Model a Monster: Making Dinosaurs from Everyday Materials

160pp, ills

Caket, Colin

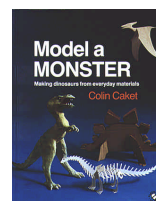
Explains in stages how to make each model, and lists the tools and materials needed. Aims to teach pupils about the materials used and about the way of life of the monsters.

An excellent book for topic-based work on dinosaurs. The models illustrated are made using a wide range of easily found everyday objects and materials, and the book explains in easy stages how to make the models. Tools and materials are listed for each section, and the illustrations are simple, effective and easy to follow.

£6.95 *Blandford Press* 1986 ISBN 0 713716 72 X

1	2	3	4	SEN
	✓	✓		

01426



Muffle Kiln (U5T for enamelling)

Kiln

Enamelling is a technique which offers great potential for displaying creativity. It is not difficult to produce some impressive results in a short space of time. The U5T is one of a number of Muffle kilns supplied by The Enamel Shop. Complete kits are also available containing the kiln, materials, tools and a booklet containing useful hints, tips and technical information.

£235.00 Enamel Shop

1	2	3	4	SEN
		✓	✓	

8003



Oxford Companion to the Decorative Arts

865pp, b/w ills

Osborne, Harold

Provides an introduction to crafts from prehistoric times such as leather-working, ceramics, textiles, costumes and woodworking, and crafts which have arisen since the dawn of history such as paper making, landscape gardening and photography. Also covers luxury crafts such as enamels, jewellery, toys, lace-making and embroidery.

£14.95 Oxford University Press 1975 ISBN 0 192818 63 5

1	2	3	4	SEN
		✓	✓	

7504

Crafts - cultures

Ancient Egyptian Designs

A4, 128pp, ills

Wilson, Eva

Examples of Egyptian designs.

£6.95 British Museum 1992 ISBN 0 714180 61 0

1	2	3	4	SEN
✓	✓	✓	✓	

04020

Animal Patterns

Hardback, 160pp, b/w ills

Meehan, Aidan

Illustrates animal patterns from all over North Europe, with explanations on their construction and suggestions made for variations. Traces the development of 200 morphic decorations.

£5.95 Thames & Hudson 1992 ISBN 0 500276 62 5

1	2	3	4	SEN
			✓	

01155

Arabic Art in Color

A4, booklet, 46pp, col ills

D'avennes, Prisse

Examples of Arabic designs.

£8.95 Dover Publications 1979 ISBN 0 486236 58 7

1	2	3	4	SEN
✓	✓	✓	✓	

04019

Art of the Maze, The

158pp, col ills

Fisher, Adrian & Gorstes, Georg

Explores the origins and evolution of this extraordinary art form, which can be found in the history and mythology of some of the world's most advanced and most ancient civilisations. Examples of mazes in many forms and from all over the world are discussed and illustrated.

£9.99 *Weidenfeld & Nicholson* 1992 ISBN 0 297831 48 8

1	2	3	4	SEN
		✓	✓	

00912

Chinese Design and Pattern

A4, 48pp, col ills

Jones, Owen

Examples of Chinese designs and patterns.

£6.95 *Dover Publications* 1982 ISBN 0 486242 04 8

1	2	3	4	SEN
✓	✓	✓	✓	

04017

Commonwealth Institute

Kensington High Street, London, W8 6NQ

Visit: Telephone no. 071 603 4535

Exhibitions, workshops and a resource centre covering history, crafts and technologies in 50 Commonwealth countries. Resource packs include a series on Technology Across Culture for KS2 and KS3.

1	2	3	4	SEN
	✓	✓		

01372

Copy Book: Copyright Free Illustrations for Development, The

A4, 110pp, ills

Illustrations to support multicultural education and to stimulate design and make ideas.

A vast array of excellent illustrations of everyday activities from other cultures, this is a very useful resource for anyone concerned with presenting accurate images of life outside Europe. Many of the illustrations show a variety of technologies in use.

£10.95 *Intermediate Technology* 1988 ISBN 0 946688 44 3

1	2	3	4	SEN
✓	✓	✓	✓	

05007

Design and Technology from an Islamic Perspective

Wallet, A4 sheets

Waljee, Anise & Mawji, Aly

Information on Islamic culture and activities to illustrate their influence on patterns, calligraphy and buildings.

£12.00 *Commonwealth Institute* 1992 ISBN 0 946140 52 9

1	2	3	4	SEN
	✓	✓		

04006

Exploring Asian Crafts in Britain

38pp, col ills

Gregory, Manju

Shows how to make predominantly Indian toys and puppets, the string behind and the techniques used to make them.

£8.95 *Mantra Publications Ltd* 1989 ISBN 1 852690 06 2

1	2	3	4	SEN
	✓	✓		

03289

Islamic Designs

A4, 128pp, ills

Wilson, Eva

Examples of Islamic designs.

£6.95 *British Museum* 1988 ISBN 0 714180 66 1

1	2	3	4	SEN
✓	✓	✓	✓	

04039

Japan, the Culture

32pp, col ills

Kalman, Bobbie

Looks at Japanese culture under the themes of history, arts, religion, festivals, costume and ceremonies. It contains good information to support investigations in to other cultures and their artifacts. The book is well presented for KS 3 and lower KS 4 levels.

£4.50 *Crabtree Publishing Company* 1989 ISBN 0 865052 86 7

1	2	3	4	SEN
		✓	✓	

6047

Living With Folk Art: Ethnic Styles from Around the World

Hardback, 192pp, col & b/w ills

Barnard, Nicholas

Charts the growing appreciation of arts and crafts from regions outside the developed world. The origin and significance of these objects are detailed and a worldwide survey documents the people who made them. Provides ideas for displaying these items whether functionally as furniture, architectural fittings or kitchenware, or as decorations.

£25.00 *Thames & Hudson* 1991 ISBN 0 500015 10 4

1	2	3	4	SEN
			✓	

01048

North American Indian Designs

A4, 128pp, ills

Wilson, Eva

Examples of North American Indian designs.

£6.95 *British Museum* 1984 ISBN 0 714180 55 6

1	2	3	4	SEN
✓	✓	✓	✓	

04040

Scottish Tartans in Full Color

A4, 80pp, col ills

Grant, James

First appeared in 1886. Designed to appeal to costume, textile and fashion designers, and those interested in artefacts and traditions of world cultures.

£14.95 *Dover Publications* 1992 ISBN 0 486270 46 7

1	2	3	4	SEN
	✓	✓		

00238

Some Crafty Things to Do

A4, 32pp, ills

Hale, Karen

Project ideas from various cultures.

£4.95 *Oxfam* 1985 ISBN 0 855980 72 9

1	2	3	4	SEN
	✓	✓		

04008

Textile Arts: Multicultural Traditions

128pp, ills

Singer, Margo & Spyron, Mary

Explores embroidery, applique, tie dye, batik and decorative techniques. Each chapter surveys the textile traditions of many cultures, and describes basic materials and techniques.

£13.99 *A & C Black* 1989 ISBN 0 713631 97 X

1	2	3	4	SEN
		✓	✓	

01295

Traditional Indian Textiles

A4, 160pp, col ills

Gillow, John & Barnard, Nicholas

History of textile production in India. Includes various methods and techniques of designs, weaving, painting and dyeing fabric and yarns.

£12.95 *Thames & Hudson* 1993 ISBN 0 500277 09 5

1	2	3	4	SEN
		✓	✓	

03288

Treasury of Japanese Design & Motifs, for Artists & Craftsmen

96pp, ills

Grafton, Carol Belanger (ed.)

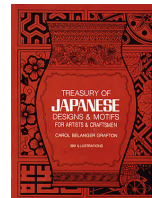
Collection of traditional Japanese designs and motifs. 360 copyright free designs have been adapted for use by illustrators, designers and craftspeople. Most of the motifs were taken from woodblock prints and depict people in traditional costume, accessories such as fans, keys, kites and umbrellas and family crests.

This is an excellent resource for this unusual area. The designs are presented in clear line drawings which can be easily traced or redrawn by pupils of almost any age.

£4.45 Dover Publications 1983 ISBN 0 486244 35 0

1	2	3	4	SEN
		✓	✓	

6011

**World of Crafts**

A4, hardback, 192pp, col ills

Foster, Karen & Bingham, Caroline

Covers crafts from around the world, with a brief history of many, and how to start making things such as masks, candles and fabrics.

£12.95 Merlion Publishing 1993 ISBN 1 857370 32 5

1	2	3	4	SEN
	✓	✓	✓	

02611

Crafts - jewellery**Die and Investment Casting**

25 min, video

Ringsted, Peter (ed.)

Examines casting of dies with a high degree of accuracy and the techniques and uses of investment casting.

£99.00 BBC Educational 1981

1	2	3	4	SEN
			✓	

01394

Jewellery Making Manual

174pp, ills

Wicks, Sylvia

Practical guide to jewellery making. Covers everything from the basic techniques to the professional.

£10.99 Little, Brown & Co. Ltd 1992 ISBN 0 316904 84 8

1	2	3	4	SEN
		✓	✓	

6046

Jewellery Quarter Discovery Centre

77-79 Vyse Street, Hockley, Birmingham, B18 6HA

Visit: Telephone no. 021 554 3598

Housed on the premises of a firm of jewellers producing gold and silver objects. Craftsmen work in the old factory during the tour.

1	2	3	4	SEN
✓	✓	✓	✓	

01386

Make your Own Jewellery

32pp, col ills

Everett, Felicity & Garbera, Carol

Shows how to make jewellery using simple techniques.

£3.95 Usborne Publishing Ltd 1987 ISBN 0 746000 77 4

1	2	3	4	SEN
	✓	✓		

01194

Master Jewellers

Hardback, 262pp, col & b/w ills

Snowman, Kenneth

An examination of the jewellery designed by prominent designers. Many examples are illustrated. Designers covered include Fabergé and Cartier. Writers attempt to identify their design idiosyncrasies and demonstrate them through selected work.

A comprehensive review of this area of design, with numerous full colour photographs. There is a variety of design exemplars, emphasising design influences and outcomes.

£30.00 Thames & Hudson 1990 ISBN 0 500235 90 2

1	2	3	4	SEN
			✓	

02876

Victorian Jewellery

Hardback, 156pp, col & b/w ills

Davidov, Corky & Dawes, Ginny

A collection of photographs and textual information about collectable jewellery. The book places special emphasis on modern pieces.

This book provides an excellent reference guide on a very narrow subject. It does what it sets out to do excellently although not specifically aimed at the educational market. Easy reading style with plenty of colour photographs.

£19.95 Abbeville Press 1991 ISBN 1 558591 35 4

1	2	3	4	SEN
			✓	

6079

Crafts - needlecraft**Arc Embroidery**

Archimedes

Complements the Poem 500 CNC embroidery machine to embroider either Draw or Sprite files. All sewing machine control is done by the computer. Sewing may take place either using default parameters, or by first setting a wide range of sewing parameters as required, such as stitch length, fill density, fill direction, fill pattern.

£75.00 TechSoft UK Ltd 1993

1	2	3	4	SEN
	✓	✓	✓	

10282

Book of Embroidery Stitches

Hardback, 112pp, col ills

Bullen, Jenny

A directory of stitches for needleworkers. Each stitch is represented by a colour photograph, diagrams and working instructions.

A directory of stitches that could be helpful to pupils in developing practical skills alongside the theory of what is possible. Sections on materials, techniques and finishes provide additional information for pupils developing project ideas at KS4.

£7.95 A & C Black 1990 ISBN 0 713632 94 1

1	2	3	4	SEN
		✓	✓	

00951

Complete Guide to Creative Embroidery

A4, hardback, 144pp, col ills

Beaney, Jan & Littlejohn, Jean

Two books in one. The first, Design to Embroider, simplifies the concepts 'draw' and 'design'. The second book, Stitched Images, deals with practical stitchery giving advice on a variety of techniques.

£17.99 Century Publishing Co. 1991 ISBN 0 712645 81 0

1	2	3	4	SEN
		✓	✓	

01069

Crochet

32pp, col ills

Turner, Paul

Explains the working of basic stitches and common processes of crochet with diagrams and patterns.

£1.95 Search Press 1985 ISBN 0 855324 51 1

1	2	3	4	SEN
			✓	

00518

Glorious Needlepoint

160pp, col ills

Fassett, Kaffe

Explores the potential of needlepoint as a source with examples from the natural world - the markings of frogs, butterflies, flowers and the man-made markings of primitive cultures. The embroiderer is given ideas for producing designs.

£10.99 Ebury Press 1989 ISBN 0 712630 41 4

1	2	3	4	SEN
			✓	

6063

Kaffe Fassett at the V & A: Knitting and Needlepoint

Hardback, 160pp, col ills

Fassett, Kaffe

Published in conjunction with a 3 month exhibition of the designer's work at the Victoria & Albert museum. Aims to encourage readers to develop their own colour sense and experiment with different combinations by demonstrating his own response to the treasures of the Victoria & Albert museum especially in the ceramic, glass and enamel collections.

£16.95 Ebury Press 1988 ISBN 0 712622 36 5

1	2	3	4	SEN
			✓	

6045

Knitting

48pp, col ills

Baker, Wendy

Introduces basic knitting techniques and special projects, including knitting in different coloured wools, appliqué, making pom-poms and using different yarns.

£3.99 Two-Can Publishing Ltd 1991 ISBN 1 854341 00 6

1	2	3	4	SEN
		✓	✓	

02628

Pocket Encyclopaedia of Needlecraft, The

240pp, col & b/w ills

Brittain, Judy

A practical guide to home sewing and needlecraft, featuring embroidery, needlepoint, patchwork, quilting, appliqué, knitting and crochet.

Useful resource material for teachers and pupils, particularly for pupils looking to build up their own skills and techniques and for understanding what is possible in this creative area.

£8.99 Dorling Kindersley 1989 ISBN 0 863183 02 6

1	2	3	4	SEN
			✓	

00942

Poetry

Archimedes

Armstrong, Andy & Walker, Nigel

An open ended flexible design CAD package for use with POEM (embroidery machine).

£699.95 Commotion Technology 1993

1	2	3	4	SEN
		✓	✓	

10315

Designs

Art Deco

112pp, col & b/w ills

Weber, Eva

Deals with Art Deco style in its many aspects. There are chapters on architecture, furniture, sculpture, painting, photography, graphic art and industrial design. There is also reference to Nazi political influence on the Art Deco movement.

£8.99 *Harvey's Books* 1989 ISBN 1 854222 48 1

1	2	3	4	SEN
✓	✓	✓	✓	

6012

Celtic Art: the Methods of Construction

168pp, b/w ills

Bain, George

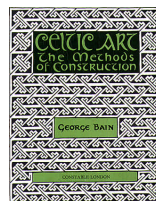
Reference book and practical textbook for the art student and craftsman seeking simple constructional methods for laying out complex ornamental schemes. The entire chronology of symbols is embraced, from spirals through chevrons, step patterns and keys to knotwork interlacing, which are unique to this particular Celtic School.

Contains a wealth of information on virtually every aspect of Celtic Art. It is divided into sections, each dealing with a different topic. Each section has an introduction followed by a clear tutorial and pictorial examples. All the illustrations are presented in a way which enables them to be easily copied or traced for development work. Highly recommended as a visual source.

£8.95 *Constable & Co. Ltd* 1977 ISBN 0 094618 30 5

1	2	3	4	SEN
✓	✓	✓	✓	

6020



Decorative and Ornamental Brickwork

A4, 84pp, 162 b/w ills

Stokoe, James

Photographic history of modern American decorative brickwork. Many examples from all over the United States. A commentary briefly surveys brickwork history, style, design and aesthetics.

£8.95 *Dover Publications* 1982 ISBN 0 486241 30 0

1	2	3	4	SEN
			✓	

00581

Design Museum

Butlers Wharf, Shad Thames, London, SE1 2YD

Visit: Telephone no. 071 403 6933

Exhibits of everyday things in popular taste and how they work. The development of design in mass production is explained. Displays include cars, furniture, audio equipment, toys, cameras and other domestic objects. Teaching resources and slides are available. Information sheet aims to help staff prepare students for the visit by focusing on some of the issues and ideas which can be developed.

1	2	3	4	SEN
		✓	✓	

01375

Fancy Labeller

Archimedes

Enables the design and production of stylish labels with fancy frames and text. The package comes with a large selection of frames and fonts, together with frame and font designers. Useful for book plates, name tags, storage-jar and box-file labels etc.

£27.90 *MEWsoft* 1990

1	2	3	4	SEN
	✓	✓	✓	

10092

Fantastic Alphabets

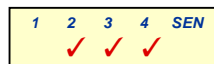
72pp, b/w ills

Larcher, Jean

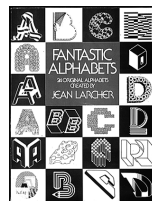
Twenty four alphabets based on the form of soap bubbles, pencils, grass, Swiss cheese, the zipper and ribbons. Op-art letters, reduplicated and mirror-image letters, neon-sign letters, computer style letters and an alphabet in which each letter is a maze are included. Each alphabet is accompanied by a phrase, spelled out with its letters, that illustrates its character and suggests its uses.

Fantastic Alphabets is a collection of 24 font styles. This is an extremely useful resource. Pupils can use it to devise their own pictorial styles and to discover that an 'A' can be written in a thousand different ways. The styles are well displayed.

£5.95 Dover Publications 1976 ISBN 0 486234 12 6



04030

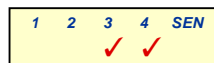
**Historic Textile Patterns in Full Color**

A4, 80pp, col ills

Fischbach, Friedrich

Presents a range of textile designs from antiquity to the 18th century. Each plate is numbered and a one line description given.

£14.95 Dover Publications 1992 ISBN 0 486270 74 2



00005

Japanese Optical and Geometrical Art

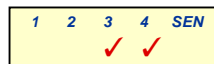
170pp, b/w ills

Ouchi, Hajime

746 designs of geometrical and optical motifs which are a source of design elements for artists and designers.

A helpful resource book of ideas which could support pupils working in packaging, display or possibly textiles projects. Alternatively, pupils might also find it useful if they are looking for ways in which materials could be explored in different ways.

£7.95 Dover Publications 1978 ISBN 0 486235 53 X



00809

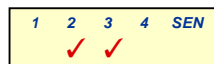
Lettering Book Companion

32pp, b/w ills

Morris, Noeline

A visual reference book with borders to copy. Includes instructions on how to use borders properly and also how to make effective use of other decorative marks and symbols. A companion to The Lettering Book by the same author.

£2.99 Scholastic Publications Ltd 1989 ISBN 0 868961 36 1



02934

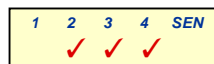
Ready to Use: Contemporary Small Frames and Borders

A4, 32pp, b/w ills

Solo, Dan X

Collection of 352 frames and borders in 32 styles. Each copyright-free design is presented in 11 different sizes.

£5.45 Dover Publications 1992 ISBN 0 486271 03 X



00574

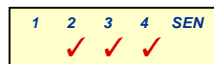
Ready to Use: Illustrations of Water Sports

A4, 32pp, b/w ills

Giuliani, Bob

Collection of 90 copyright-free illustrations.

£5.45 Dover Publications 1992 ISBN 0 486270 33 5



00576

Ready to Use: Old-Fashioned Cat Illustrations

A4, 32pp, b/w ills

Grafton, Carol Belanger

Collection of 381 copyright-free illustrations of cats.

£5.45 Dover Publications 1992 ISBN 0 486273 17 2

1	2	3	4	SEN
	✓	✓	✓	

00579

Ready to Use: Old-Fashioned Illustrations of Books, Reading & Writing

A4, 32pp, b/w ills

Grafton, Carol Belanger

Collection of 347 copyright-free illustrations.

£5.45 Dover Publications 1992 ISBN 0 486270 93 9

1	2	3	4	SEN
	✓	✓	✓	

00575

Ready to Use: Silhouettes of Children

A4, 32pp, b/w ills

Hogarth, Charles

Collection of 92 copyright-free silhouettes of children.

£5.45 Dover Publications 1992 ISBN 0 486270 28 9

1	2	3	4	SEN
	✓	✓	✓	

00578

Ready to Use: Snowflake Designs

A4, 32pp, b/w ills

Fraga, Mack

Collection of copyright-free illustrations of snowflakes.

£4.90 Dover Publications 1991 ISBN 0 486269 09 4

1	2	3	4	SEN
	✓	✓	✓	

00577

Ready to Use: Wild Animal Silhouettes

A4, 32pp, b/w ills

Sandbeck, Ellen

Collection of 205 copyright-free wild animal silhouettes.

£5.45 Dover Publications 1992 ISBN 0 486273 84 9

1	2	3	4	SEN
	✓	✓	✓	

00555

Textile Design Book, The

159pp, col & b/w ills

Jerstorp, Karin & Kohlmark, Eva

Encourages the design of textiles using various techniques to produce textures, shapes and patterns, with basic information on colour, optical effects, pattern effects and taking ideas from nature.

A mixture of theory, clear information, diagrams and pictures presenting ideas - and the technology of how to do it. This is an excellent support for pupils involved in graphics and the study of textiles in depth.

£14.95 A & C Black 1989 ISBN 0 713631 30 9

1	2	3	4	SEN
		✓	✓	

00737

William Morris Textiles

A4, 192pp, col ills

Parry, Linda

Examines the textiles and art work produced by William Morris, including an illustrated list of all textile patterns produced.

A useful resource for graphics and design and make activities as well as textiles, this is a comprehensive review of the work of William Morris. Almost a historical case study, the text is full of examples of Morris' work.

£14.99 Weidenfeld & Nicholson 1983 ISBN 0 297781 96 0

1	2	3	4	SEN
		✓	✓	

02935

Equipment

T2500 Multimedia Square Bench

Work bench

The T2500 Multimedia Square Bench is available in two sizes (1070 x 1070 x 810 mm and 1220 x 1220 x 810 mm). It will accommodate up to four workplaces. The flat top has wide beech side boards and is designed to be very hard wearing and to withstand heavy use. Emmerich (Berlon) Ltd produce a range of specialist workbenches.

Emmerich (Berlon) Ltd

1	2	3	4	SEN
		✓	✓	

8015



Vari-tech Work Units

Work benches

Vari-tech produce a range of height adjustable work units specifically designed for use by people in wheelchairs. The benches are robustly constructed and easy to adjust. The basic design is specifically customised for different purposes, such as food technology or art and design.

Vari-Tech

1	2	3	4	SEN
✓	✓	✓	✓	✓

04090



Glass

Glass

A4, hardback, 32pp, col ill

Cockett, Sue

Looks at where glass comes from and how it is processed into familiar products.

£7.99 Franklin Watts 1988 ISBN 0 863137 68 7

1	2	3	4	SEN
	✓	✓		

00978

Glazing & Making a Leaded Light

59 min, video, 64pp

Looks at cutting lead cone, leadway, scaling up a drawing, cut line drawing and cutting shaped glass.

£34.50 DS Audiovisual Services 1985

1	2	3	4	SEN
		✓	✓	

01366

Technology & Glass

A4, 40pp, ills

Contains information and activities on various aspects of glass, from stained glass windows, to glass containers, to glass engraving and spectacle design. Background information is provided on the science and technology of glass. Photocopiable.

A booklet providing ideas for a range of activities concerned with the use of glass, ranging from packaging to enamelled jewellery. Each task is presented in a similar format which includes the materials needed and the knowledge and skills required.

£9.50 SCSST/SATRO 1993 ISBN 0 904214 61 3

1	2	3	4	SEN
		✓	✓	

01364

Leather**Leather Costume Museum**

56-57 Wisemore, Walsall, WS2 8EQ

Visit: Telephone no. (0922) 721153

Displays saddlery, bags, light leathergoods and other leatherwork skills. Offers role-play sessions on production line manufacture. Working craftspeople produce items for sale.

1	2	3	4	SEN
	✓	✓		

01414

Museum of Leathercraft

Bridge Street, Northampton, NN1 1PA

Visit: Telephone no. (0604) 601453

Includes displays of leathercraft worldwide including work with leather substitutes.

1	2	3	4	SEN
	✓	✓	✓	

01394

Make-up**Make-Up Art**

48pp, col ills

Freeman, Ron

Step-by-step instructions on how to use and design special effects make-up.

£3.99 Franklin Watts 1992 ISBN 0 749610 37 9

1	2	3	4	SEN
	✓	✓		

01367

Metals**Electroplating**

64pp, b/w ills

Poyner, Jack

Discusses the principles and practice of electroplating.

£5.95 Argus Books 1987 ISBN 0 852429 62 6

1	2	3	4	SEN
			✓	

01396

Forging

25 min, video

Ringsted, Peter (ed.)

Looks at the methods and benefits of forging over other methods of working metals.

£99.00 BBC Educational 1981

1	2	3	4	SEN
			✓	

01396

Gabro Guillotine Notches

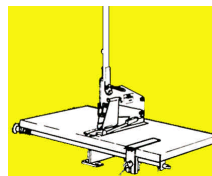
Guillotine

Gabro produce a range of machines specifically for cutting and forming sheet metals. The 2M2 and 3M2 guillotine notches will cut and notch to unlimited length in up to 10g (3.2 mm) mild steel - burn free and without distraction. They can also be used on certain plastics.

Gabro

1	2	3	4	SEN
		✓	✓	

8011

**Heat Treatment**

25 min, video

Ringsted, Peter (ed.)

Examines the tempering of metal to toughen it showing experiments with techniques of heat treatment and their effects on metal.

£99.00 *BBC Educational* 1981

1	2	3	4	SEN
			✓	

01391

Looking at Microscopes

Hardback, 48pp, b/w ill

Riley, Peter D

Examines different types of microscopes and what they are used for in medicine, textiles and metallurgy.

£9.99 *Batsford Ltd* 1985 ISBN 0 713446 32 3

1	2	3	4	SEN
		✓		

02942

Metalcraft Theory & Practice

95pp, b/w ill

Bedford, John R

Examines different metals and explains metalworking techniques and tools. Includes examination questions and practical exercises relating to the text.

£4.99 *Murray, John Publishers Ltd* 1971 ISBN 0 719522 51 X

1	2	3	4	SEN
			✓	

01371

Metals

17 min, video

Examines the different properties of metals using models and experiments and looks at the various uses of metals and how they can be treated to display different properties.

£29.50 *Anvil Films* 1979

1	2	3	4	SEN
		✓	✓	

01436

Metals and Alloys

Hardback, 32pp, col ill

Whyman, Kathryn

Looks at how metals are formed, some of the different types of metals, and includes a fact file and glossary.

£7.99 *Gloucester Press* 1987 ISBN 0 863136 13 X

1	2	3	4	SEN
	✓	✓		

03198

Metals Experiment Kit, The

A4 folder, 12 cards, metal strips (250mm x 13mm x 0.7mm) of 5 metals

The kit contains a range of commonly used metals for simple experiments. Produced in association with the Institute of Materials.

A pack which would be equally useful in lessons for science or design and technology. Comparative tests between five metals are carried out in a simple, no-nonsense series of ten experiments. The information presented is very basic, but pupils at KS3 would also enjoy using the resource. It offers a useful 'hands-on' introduction to the basic properties of metals.

£10.00 *British Steel* 1992

1	2	3	4	SEN
	✓	✓		

00146

Metalwork and Machining: Hints and Tips

96pp, b/w ills

Bradley, Ian

Contains advice and tips for beginners on workshop practices including finishing metal surfaces, G-clamps, hand turning tools and machine square material.

£6.50 *Argus Books* 1988 ISBN 0 852429 47 9

1	2	3	4	SEN
			✓	

03197

Non-Ferrous Metals and Alloys

25 min, video

Ringsted, Peter (ed.)

Examines the usage of ferrous and non-ferrous metals in industry and the advantages of different metals in different situations.

£99.00 *BBC Educational* 1981

1	2	3	4	SEN
			✓	

01386

Sand Casting

25 min, video

Ringsted, Peter (ed.)

Examines the history of casting metal using sand moulds, the making of the patterns, the casting process and the problems and benefits of casting.

£99.00 *BBC Educational* 1981

1	2	3	4	SEN
			✓	

01395

Soft Soldering

8 min, video

Goldsmith, J Lyman

Shows the basic steps in soft soldering - clean materials, soldering techniques, use of electric soldering tools, types of solders and fluxing.

£25.00 *Educational Horizons*

1	2	3	4	SEN
		✓	✓	

01402

Welding Techniques

25 min, video

Ringsted, Peter (ed.)

Examines welding techniques and the new forms of welding to cope with new technology.

£99.00 *BBC Educational* 1981

1	2	3	4	SEN
			✓	

01384

Wrenches

14 min, video

Arnett, Tom

A selection of wrenches and their applications are demonstrated, emphasising the safe and proper use. Included are the open-end wrench, pipe wrench and sliding T-Bar.

£25.00 Moreland - Latchford 1973

1	2	3	4	SEN
		✓	✓	

01463

Metals - aluminium**Aluminium Can Recycling Association: Teachers' File**

A4 folder, posters, leaflets, teachers' notes, planner, resources

A pack aimed at schools starting up their own aluminium can recycling scheme. Opportunity to become a registered recycler (and receive bags, magnets etc). Provides information on the production of aluminium as well as its characteristics and uses.

£0.00 Aluminium Can Recycling Assoc

1	2	3	4	SEN
	✓	✓		

00385

Metals - copper**Copper Through the Ages: Information Pack**

A4 pack

Describes how copper is formed, explains what an alloy is, talks about mining and early uses of copper and the uses of copper today.

£0.00 Columbia Metals Ltd 1991

1	2	3	4	SEN
		✓	✓	

00322

Metals - iron**Black Country Museum**

Tipton Road, Dudley, West Midlands, DY1 4SQ

Visit: Telephone no. 021 557 9643

A working open-air industrial museum with guides in period costume and period buildings including a street of shops filled with period goods. The ironmongers shop holds tools. Based on a canal dock.

1	2	3	4	SEN
	✓	✓		

01365

Metals - lead**Lead: Resource Material for NC Technology Key Stages 3 and 4**

A4, 15pp, col ills, teachers' notes

Bett, Roger

Designed as a flexible resource for teaching technology across a wide ability range, this booklet takes a detailed look at lead, its history, production, properties and uses, and highlights issues relating to lead in the environment and its place as a material of the future. Produced by the Lead Development Association.

£3.50 Hobsons Publishing plc 1992 ISBN 1 853247 24 3

1	2	3	4	SEN
		✓	✓	

03275

Metals - steel

British Steel and the Environment

A4, 24pp, col & b/w ills

Brochure aiming to give insight into British Steel's current environmental activities focusing on some of the advances in pollution control and energy saving which have been achieved.

£3.00 *British Steel* 1991

1	2	3	4	SEN
		✓	✓	

00321

British Steel GCSE Science Pack

A4, teachers' notes, information sheets, activity cards

Various activities designed to show the relevance of science to the more practical aspects of industry, specifically in the steel and metal industry.

£20.00 *British Steel* 1992

1	2	3	4	SEN
		✓	✓	

02604

Presswork

25 min, video

Ringsted, Peter (ed.)

Examines presswork involving the mass production of components including pressing opportunities for mild steel, the tools used, and the many different uses of pressed steel.

£99.00 *BBC Educational* 1981

1	2	3	4	SEN
			✓	

01392

Modelling

Amazing Models

A4, 64pp, ills

Holland, Peter

Collections of plans for making complex and fascinating models. These include balloon and rubber and power.

£2.50 *Argus Books* 1989 ISBN 0 852429 65 7

1	2	3	4	SEN
		✓	✓	

6014

Modelling

64pp, ills

Stensel, Peter

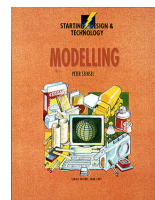
Contains four sections teaching basic techniques for making models. Tips are given on how the models can quickly and easily be made to appear realistic. Topics from creating illusions to computer modelling. Each chapter has key words and ideas printed in bold type.

Good basic introduction to modelling. Good ideas and clear illustrations.

£5.99 *Cassell* 1991 ISBN 0 304323 36 5

1	2	3	4	SEN
	✓	✓		

00042



Paper

Amazing Origami for Children

A4, 96pp, col & b/w ills

Biddle, Steve & Biddle, Megumi

Aims to cover comprehensively all aspects of origami.

£5.99 *Red Fox* 1990 ISBN 0 099661 80 2



01086

Art and Craft of Paper

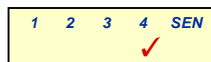
Hardback, 168pp, col ills

Shannon, Faith

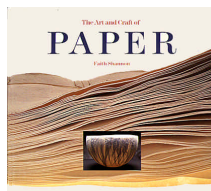
Describes the process and history of papermaking and how paper may be made at home. There are instructions on how to make pulp and the techniques that may be applied to the paper once made, including marbling. Also looks at applications for paper from jewellery making, making books and picture frames etc. Includes a glossary, index and useful addresses.

A comprehensive resource book introducing the history of the manufacture of paper, its uses and the types of decoration employed. Supported by a detailed text with careful reviews of a wide range of processes, full colour plates and excellent diagrams.

£14.99 *Mitchell Beazley* 1992 ISBN 1 857329 64 3



02911

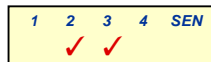
**Book Craft**

A4, 40pp, col ills

Pluckrose, Henry

Introduction to the skills and techniques involved in book craft. Step-by-step colour photos show how to make things from paper-covered books to address books.

£7.99 *Franklin Watts* 1993 ISBN 0 749614 72 2

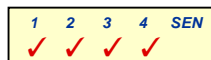


00850

Card Drill

This tool is pressed onto the card with light hand pressure and then turned slightly. A card drill will reach where a single hole punch cannot e.g. in the centre of a large card. Available with 3mm, 4mm and 5mm drill bits.

Most Suppliers



04050



Circle Cutter

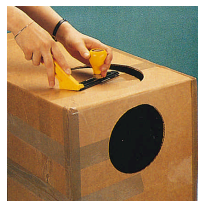
Cuts circles and holes

This is a large version of the compass cutter and will cut holes of between 7cm-30cm. Can be used with thick card, leather, thin plywood and some plastics.

Most Suppliers

1	2	3	4	SEN
✓	✓	✓	✓	

04046

**Creative Book of Papier Mache**

96pp, col ills

Heaps, Andrew et al

Features over 45 papier mache designs from vases to masks and a puppet, with step-by-step photographs and instructions.

£8.95 Salamander Books 1991 ISBN 0 861016 08 4

1	2	3	4	SEN
			✓	

03273

Cutting Mat

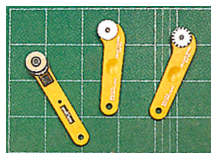
A3 self-healing cutting mat

A mat is essential for cutting operations and saves the blades of cutting instruments.

Most Suppliers

1	2	3	4	SEN
	✓	✓	✓	

04051

**Decorated Papers and Card**

Hardback, 48pp, col ills

Devonshire, Hilary

Introduction to the use of decorated papers and cards. Uses step-by-step photographs to illustrate techniques and show a wide range of finished works.

This book cleverly uses old ideas, explores them, and turns them into new and exciting design activities. The pictures are very clear and give the reader the full opportunity to either duplicate the activity or explore it further. The resources needed are clearly stated and with minimal effort the results look very effective.

£8.50 Franklin Watts 1992 ISBN 0 749607 49 1

1	2	3	4	SEN
	✓	✓		

01191

Do-It-Yourself

48pp, col ills

Tofts, Hannah

Provides ideas for making a variety of items from basic materials, such as cardboard and paper.

£3.95 Two-Can Publishing Ltd 1990 ISBN 1 854340 04 2

1	2	3	4	SEN
			✓	

01426

Flying Dinosaurs

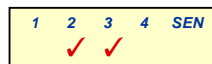
32pp, col ill

Johnson, Michael

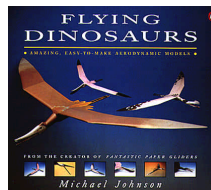
Provides shapes and instructions to assemble 8 paper dinosaurs. Each one is a scale model reconstructed from fossil remains. There are instructions for each, and an introduction by Dr Angela Milner of the Natural History Museum.

Principally a teacher resource material, the text offers (individually die stamped for easy removal) self-assembly pterosaurs each with impressed score/fold lines. Currently topical, giving high pupil motivation and offering cross-curricular potential. A fun book, perhaps not child proof, which in offering aerodynamically designed and scaled models, could embrace a curriculum area from flight to fossils.

£9.99 Penguin 1990 ISBN 0 140112 70 7

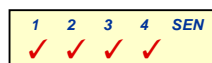


45000

**Heavy Duty Hole Punch**

Hole punch with handle

Sturdy and safe way to position hole punch on light construction materials. Interchangeable bits from 5mm-25 mm.

Heron and others

04054

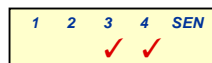
**How to Make Paper**

32pp, col ill

Valentine, Malcolm and Dace, Rosalind

Step-by-step guide on transforming many types of waste paper into handmade paper with little expense and a few simple materials.

£2.95 Search Press 1990 ISBN 0 855326 70 0



01333

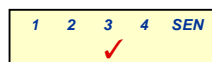
Made with Paper

A3, 128pp, col ill

Temko, Florence

Aims to be a step-by-step guide for making decorative and useful objects with paper.

£10.95 Dragons World 1991 ISBN 1 850281 52 1



00603

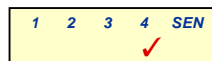
Paper Airplanes

A4, hardback, 128pp, col ill

Robinson, Nick

A guide to making paper aeroplanes. Describes the fundamentals of paper folding and advises on paper sizes and types. Also discusses the principles of flight. Includes step-by-step illustrated instructions for 40 different models, including a tri-plane, a Chassuer, and a flying saucer. Recommends further reading and useful addresses. Index.

£8.95 Apple Press Ltd 1991 ISBN 1 850763 25 9



02913

Papier Mache

Hardback, 96pp, col ills

Haines, Susan

Provides ideas and techniques for working with papier mache. Step-by-step instructions and colour photographs.

£10.95 *Letts (Charles) and Co. Ltd* 1991 ISBN 1 852381 10 8

1	2	3	4	SEN
			✓	

03272

Papier Mache Project Book

Hardback, 96pp, col ills

Elliot, Marion

A practical handbook which features project ideas including jewellery, ornaments, masks, dolls and puppets, described in step-by-step detail and progressing in order of difficulty.

£9.95 *Apple Press Ltd* 1992 ISBN 1 850763 83 6

1	2	3	4	SEN
	✓	✓		

0248c

Pop-Up Paper Engineering

115pp, col & b/w ills

Johnson, Paul

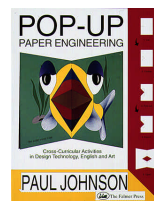
Introduces the language of pop-up forms in stage-by-stage practical workshops, followed with suggestions for curriculum orientated projects and interrelating paper technology, story writing and art.

Although paper engineering is a relatively small area of design technology, the topic is covered most comprehensively and with great enthusiasm. It provides teachers with a range of activities which may be easily translated into school projects, and could also serve as a useful reference book for older pupils.

£11.00 *Falmer Press* 1992 ISBN 1 850009 09 0

1	2	3	4	SEN
	✓	✓		

01341

**Teach Yourself: Origami**

A5, 188pp, b/w ills

Harbin, Robert

An introduction to origami which provides a history of origami and a guide to the essentials. Also includes instructions for numerous models including a boat, a GI's hat, a Christmas tree, and a swan. Recommends further reading.

£6.99 *Hodder & Stoughton* 1992 ISBN 0 340565 27 6

1	2	3	4	SEN
		✓	✓	

02909

Tissue Science & Technology

A4 folder, teachers' notes, ills

Scott, WAH

Aims to examine the science and technology behind the manufacture of paper tissues. Three cards with activities, calculations, comprehension and graphical exercises. Photocopiable.

£0.00 *Kimberly-Clark* 1991

1	2	3	4	SEN
		✓	✓	

00529

Plastics

Chemicals from Oil and Plastics

Booklet

This booklet focuses on the family of oil-based materials called petrochemicals and plastics and aims to show pupils their importance to their own lives. It also touches on the vital role they are playing in industrial processes and products, to make thousands of useful things.

£0.00 BP Educational Service 1993

1	2	3	4	SEN
	✓	✓		

0181c

Design and Plastics

128pp, b/w ills

Hall, Mike

Covers the importance of plastics, the structure and chemistry of plastics, plastics design, shaping, using heat, vacuum forming, joining plastics, injection moulding, extrusion, expanded and foamed plastics, PVC and plastisols, polyester resin casting, glass reinforced polyester resins.

This book is packed with information (rather more on plastics than on design). It is clearly illustrated and covers KS4 construction materials plastics very well indeed. In addition to a great deal of 'how to do it' information, the book covers information on the classification and chemistry of plastics at the kind of level suitable for KS4.

£7.99 Hodder & Stoughton 1988 ISBN 0 340405 28 7

1	2	3	4	SEN
			✓	

02806

**Design with Reinforced Plastics**

192pp, col & b/w ills

Mayer, Rayner M

Covers the use of reinforced plastics based in the BS 7000 guide to managing the design process, with specific reference to designing for the Single European Market. Covers safety standards, material properties, manufacturing and testing.

£18.00 Design Council 1992 ISBN 0 850722 94 2

1	2	3	4	SEN
			✓	

6504

Fibre Glass

14 min, video

Spivak, Michael

Steps taken on strengthening polyester resin are shown and glass fibre as a strengthening component is introduced. The strength of fibre glass is demonstrated and this is followed by a simple project which shows mould preparation, laminating, removing the shape from the mould, trimming, finishing, patching and repairing fibre glass.

£25.00 Moreland - Latchford 1987

1	2	3	4	SEN
		✓	✓	

01357

Manufacturing With Plastic

25 min, video

Ringsted, Peter (ed.)

Looks at various techniques for moulding plastics and their applications in making different products.

£99.00 BBC Educational 1981

1	2	3	4	SEN
			✓	

01389

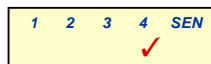
Plastic Materials

25 min, video

Ringsted, Peter (ed.)

Examines the design and use of plastics in industry, and looks at the properties of plastics and their benefits for production, concentrating on plastics in cars and trains.

£99.00 BBC Educational 1981



01390

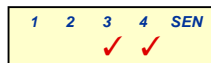
Plastic Opportunities with Technology

A4, 42pp, 16 min, video, b/w ills

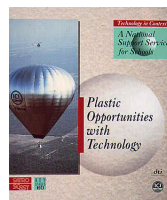
Designed for teachers wishing to use thermal insulation and the use of plastics as a technology context. Focuses on the design opportunities arising from the need to keep things hot or cold e.g. cool boxes for food, clothes for people, building insulation and hot air balloons. Aims to suggest project starting points and give guidance on how activities may progress. Produced in conjunction with ICI.

Up-to-date videos on polymers are very rare, so this is a welcome resource. It demonstrates processes and more importantly, their application. The supporting booklet offers a variety of ideas for teachers.

£25.50 SCSST/SATRO 1992 ISBN 0 904214 90 7



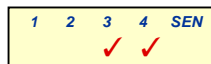
00399

**Plastics**

39pp, col ills

Explains the nature of plastics and the difference between materials such as polythene, PVC, and nylons. Describes how they may be processed, and discusses their uses in relation to environmental considerations. Produced by the Science Museum.

£4.95 HMSO 1991 ISBN 0 112904 78 5



01006

Plastics

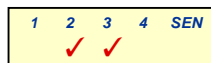
A4, 32pp, col ills

Jackman, Wayne

Shows different kinds of plastics and their composition and use. Looks at the many objects we can make out of plastic and the environmental problems of plastics.

This is a very helpful little book of support material for pupils (and teachers!) just beginning to undertake projects in plastics. A broad range of plastics is described, together with appropriate glues for working with them.

£3.99 Wayland 1993 ISBN 0 750209 62 3



00726

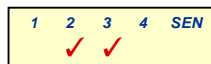
Plastics

A4, hardback, 32pp, col ills

Whyman, Kathryn

Looks at where and how plastics are made and at the different types. Includes a fact file and glossary.

£7.99 Franklin Watts 1987 ISBN 0 863135 49 8



03188

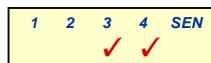
Plastics a Plenty

A4, 36pp, col ills

McDuell, G R

Examines the processes of making plastics and their different properties and uses. Includes questions and activities.

£3.99 Stanley Thornes 1990 ISBN 0 748702 10 5



01369

Plastics and Rubbers

20 min, video

Examines different types of plastics and how they are produced, both naturally and artificially. Looks at rubber and its characteristics.

£29.50 Anvil Films 1979

1	2	3	4	SEN
		✓	✓	

01437

Polymer Study Tours

British Plastics Federation, 6 Bath Place, Rivington Street, London, EC2A 3JE

Visit: Telephone no. 071 457 5000

Industry sponsored tours to provide teachers with ideas and materials for the study of polymers. Includes talks by senior industrialists, practical laboratory work, shop floor tours, coursework and discussions.

1	2	3	4	SEN
		✓	✓	

7502

Polyurethanes in Everyday Life

A4 pack, 11 sheets, col & b/w ill's

Dempsey, Derek

Considers the use of polyurethane in design. Each case study looks at material selection, the historical progression of polyurethane and a section on each designer. Areas covered include furniture, footwear, the car industry, upholstery, refrigeration and recycling waste.

£10.00 Design Council 1993 ISBN 0 850723 08 6

1	2	3	4	SEN
		✓	✓	

6532

PVC: the Versatile Polymer

Colour poster, worksheet, teacher's notes

Aims to provide basic information about the manufacture of PVC, to show how PVC is modified to give it a wide variety of applications, to illustrate some current uses of PVC, to provide an opportunity to practise information retrieval and to apply scientific knowledge.

£0.00 ICI 1991

1	2	3	4	SEN
		✓	✓	

00319

Story of Perspex, The

A4, 17pp, col ill's

Harness, Alex

Describes the history of perspex, how it has been developed and what it has been and is now used for. Explains the properties of perspex and fabrication techniques.

£0.00 Chemical Industry Ed. Centre Ltd. 1987

1	2	3	4	SEN
			✓	

00343

Thermoforming Equipment

Thermoforming kit

This compact and mobile thermoforming centre is a new concept in the teaching equipment available for use with plastics. It allows the following processes to be carried out: vacuum forming, free dome blowing, plastic dip coating, injection moulding, extrusion and plastic welding. Available from C R Clarke and Formtech Ltd.

1	2	3	4	SEN
		✓	✓	

8005



Thermoplastics

13 min, video

Spivak, Michael

Demonstrates the use of a strip heater to cut plastic sheeting, making jigs, and cutting and joining pieces together.

£25.00 *Moreland - Latchford* 1987

1	2	3	4	SEN
		✓	✓	

01405

VinylWriter

IBM

Cuts self-adhesive, vinyl masks for screen printing or sand-blasting, stencils for painting, prints posters and banners on paper, and generates lettering or graphics for export to other computer programs. Offers characters of any size that equipment allows, rotated, reflected, italicised or stretched. Whole signs can be scaled, offset, or distorted, and there is on-screen preview with pan and zoom.

£500.00 *Wight Scientific* 1989

1	2	3	4	SEN
		✓	✓	

10051

Printing**Finding out about Printing**

A4, 32pp, ills

Jamieson, Alan & Powell, Ivor

Covers all aspects of the printing process including process camerawork, platemaking and proofing. Includes glossary.

£4.95 *Hobsons Publishing plc* 1989 ISBN 1 853242 69 1

1	2	3	4	SEN
		✓	✓	

02689

Into Print

224pp, b/w ills

Quilliam, Susan & Stephenson-Grove, Ian

Designed to help develop the skills and strategies for personal publishing, and to provide the basic theoretical knowledge and awareness of what works in practice.

£8.99 *BBC Educational* 1990 ISBN 0 563215 05 4

1	2	3	4	SEN
			✓	

01235

Recycled**Battle of the Bottle Snatchers, The**

30 min, video

The challenge is to build a remote-controlled garbage-grabber that will win world-wide knock-out tournaments. Cambridge students had just eight days to make machines to bag bottles, German students cornered milk cartons and American students collected coke cans.

£20.00 *Academy Television* 1989

1	2	3	4	SEN
		✓	✓	

0133c

Be your own Recycling Expert

Hardback, 46pp, col ills

Duckworth, Sue

Activity book with ideas on how to recycle and re-use rubbish. Useful contact addresses and a glossary.

£7.99 *Simon & Schuster Young Books* 1992 ISBN 0 750010 62 2

1	2	3	4	SEN
	✓	✓		

02668

Junk Box

A4, 32pp, b/w ills

Ballam, Roy et al

Provides fun design and make topics in textile and food design, and with limited resources.

£12.50 *Technopacks* 1992

1	2	3	4	SEN
		✓	✓	

6133

Textiles**All about Creative Textiles**

80pp, col ills

Holland, Stephanie K

Designed for students aged 13-16 who are following a GCSE course in Home Economics - Textiles. The first part deals with the principles of design, the second covers a wide range of construction techniques and the third shows how briefs can be realised through analysis, specification, construction and evaluation.

Plenty of advice and suggestions for topics and project work. It is divided into specific sections which are easy to decipher and use by specialists and non-specialists alike. Short tasks can be used in isolation, or the whole set of ideas worked through as a complete course.

£4.50 *Oxford University Press* 1987 ISBN 0 198327 37 4

1	2	3	4	SEN
		✓	✓	

00709

All about Fabrics: an Introduction to Needlecraft

224pp, ills

Holland, Stephanie K

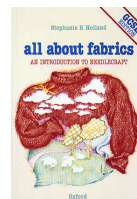
Looks at the qualities of different fibres and fabrics and goes on to cover the processes involved in garment construction. Guidance is given on problem solving, design and evaluation, and on investigative procedures in textile work.

This provides useful background information and also relevant activities relating to fabrics. There are experiments, questions and exercises, all of which could be used straight from the book or adapted, and the presentation is clear.

£7.00 *Oxford University Press* 1987 ISBN 0 198327 55 2

1	2	3	4	SEN
			✓	

00161

**Animal Patterns**

Archimedes

Pettit, Gwyneth

A creative textile package.

£24.00 *Academic Software* 1990

1	2	3	4	SEN
		✓	✓	

10019

Archaeological Resource Centre

St Saviourgate, York, YO1 2NN

Visit: *Telephone no. (0904) 654324*

Interactive exhibits on crafts (spinning, weaving) and how objects were made and used. Textile trades can be explored by using spindle whorls.

1	2	3	4	SEN
✓	✓	✓	✓	

01422

Cleaning Today

A4, 46pp, b/w ills

Swaine, Pauline

A general guide on detergents and their use such as home laundry, cleaning of domestic hard surfaces and electrical appliances. Also includes experiments with detergents and textiles to be undertaken at school. Glossary and bibliography included.

£3.00 *Lever Brothers* 1988

1	2	3	4	SEN
		✓	✓	

03213

Designing and Working with Textiles

A4, hardback, ringbinder, 16 sheets, col & b/w ills

Jones, Carys

This pack consists of 16 units on textile design, mark making, free machinery embroidery, colour, colour analysis, resist, batik, making fabric, ribbon weaving, making felt, knitting, machine knitting, repeat patterns, presenting your work, deciding on a brief. Photocopiable.

£32.00 *Network Educational Press* 1993 ISBN 1 857870 59 X

1	2	3	4	SEN
			✓	

01456

Fabric Art

A4, hardback, 40pp, col ills

Lancaster, John

An introduction to fabric art, using step-by-step photographs to illustrate techniques and show a wide range of finished works.

£8.50 *Franklin Watts* 1991 ISBN 0 749602 76 7

1	2	3	4	SEN
✓	✓	✓		

01108

Fabric Wise: Fabric Choice for People with Disabilities

37pp, ills

Jenkins, Giny & Lamb, Jane

This booklet is written for those interested in clothes for people with disabilities.

£2.50 *Disabled Living Foundation* 1987 ISBN 0 901908 49 5

1	2	3	4	SEN
			✓	✓

00731

Fibres

A4, hardback, 48pp, col ills

Knapp, Brian

Illustrates what fibres are and how and why they are important in our lives. Shows how to do things with fibres, such as weaving and dyeing.

Basic information supported by diagrams, the activities included in this publication could provide useful starting points for teachers in setting activities. It also has useful ideas for pupils embarking on projects and helpful reference material for design studies.

£8.99 *Atlantic Europe Publishing* 1991 ISBN 1 869860 20 9

1	2	3	4	SEN
	✓	✓		

00752

Finding out about Textiles

176pp, col & b/w ills

Jones, Gillian

Written for pupils studying textiles at GCSE with an emphasis on active-learning with pupil involvement. Content covers the range of information required by the major Textiles syllabuses, and aims to help pupils with both theory and coursework elements. Includes examples of presenting the results of working briefs, detailed resources lists and photocopiable self-assessment charts.

Inspiring modern subject based book on textiles, relevant to National Curriculum Technology requirements.

£6.99 *Stanley Thornes* 1990 ISBN 0 748701 79 6

1	2	3	4	SEN
			✓	

0284c

Fun with Fabric

Hardback, 48pp, col ills

Bawden, Juliet

Provides ideas for how to make things out of different kinds of fabric, such as a ragdoll or a glow-in-the-dark banner. Explains how to decorate T-shirts, baseball caps etc. with fabric paints and pens.

£5.99 Hamlyn 1993 ISBN 0 600575 51 9

1	2	3	4	SEN
	✓	✓		

02632

Home Economics in Action: Textiles

96pp, col ills

Christian-Carter, Judith & Crabtree, Bridget

Describes what textiles are, how they are made and how they are used. Aims to develop students' skills in sewing, both hand and machine, and a variety of creative textile techniques.

A useful book which looks at what textiles are, how they are made and how they are used. It is written in a clear style and highly illustrated. It includes many activities and is packed with facts, each section ending with a resumé of the content and significant points to remember. It would be particularly helpful to non-specialists in developing a course in textiles. A book which will appeal to pupils through its style and presentation.

£5.75 Oxford University Press 1988 ISBN 0 198327 35 8

1	2	3	4	SEN
		✓		

00972

**Industrial and Non Apparel Textiles: a Reference Manual**

A4, plastic folder, 86pp, 47 samples

Jacobsen, Margaret A

Looks at 'high-tech textiles'- what they are and how they are used. Samples are explained in the notes. Covers textiles used for sport and leisure, waterproof clothing, agriculture and space travel. Describes the characteristics which influence their uses. Suggests activities and includes a bibliography.

A very clear and concise technical explanation of modern textiles. It provides 47 excellent samples, a 'hands-on' exploration of the textiles used in aeronautical engineering, protective clothing, agriculture and soil stabilisation. KS4 pupils will find it very informative and particularly helpful in 3-D project work. This pack provides information that is not generally available to schools, in a unified form. This is a unique and invaluable departmental resource.

£48.99 NES Arnold 1991 ISBN 0 646007 90 4

1	2	3	4	SEN
		✓	✓	

02985

Investigating Textiles

64pp, ills

Gamble, Margaret

Suggests ideas and projects for coursework.

£8.25 Hodder & Stoughton 1989 ISBN 0 340485 29 9

1	2	3	4	SEN
	✓	✓		

02770

Medical Textiles: a Reference Manual

A4 folder, 38pp, 22 samples

Jacobsen, Margaret A

Examines the role of textiles in medicine. Covers the manipulation of fibre, yarn and fabric technologies to meet the requirements of modern medicine. Includes activities. Also includes 22 samples of medical textiles. The notes supply background information on their raw materials, structure and use.

This excellent resource examines a wide range of textile fibres used in medicine, including clothing for staff and patients, textile implants and wound closure and sterilisation. Samples include sections of X-ray protective aprons, surgical swabs, sutures, sheets, gloves and dressings. The two-page spread on 'head-to-toe' implants is outstanding. The text is clear and precise and helps to make this a valuable resource for textile work.

£45.50 NES Arnold 1991 ISBN 0 646007 91 2

1	2	3	4	SEN
		✓	✓	

02986

Musical Textiles

A4, 32pp, b/w ill

Young, Nikki et al

Cross-curricular tasks which use music as a stimulus for creative and decorative techniques in textiles.

£12.50 Technopacks 1993

1	2	3	4	SEN
		✓	✓	

6130

Nylfloor Collection

A4 folder

Contains samples of the four types of fibre-bonded carpets from the Nylfloor range from Interface. Includes details of their respective durability, flammability and colour fastness.

£0.00 Interface Flooring Systems Ltd 1990

1	2	3	4	SEN
	✓	✓		

00053

Pfaff Creative 1475 CD Sewing Machine

Sewing machine

Computer aided design and manufacture (CAD/CAM) can be developed in textile technology through the use of machines such as this. In addition to being a high quality sewing machine, it allows every one of the 481 pre-programmed stitches to be a starting point for creativity. They can be squashed, squeezed, mirrored and redesigned on a computer before their manufacture through the Creative 1475 CD.

Pfaff (Britain) Ltd

1	2	3	4	SEN
		✓	✓	

8008



Skills in Home Economics: Textiles

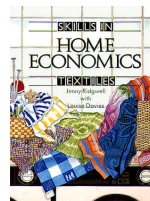
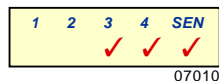
A4, 96pp, col ills

Ridgwell, Jenny & Davies, Louise

This book looks at the use of textiles, different types of fibres, how fibres become fabrics, designing and cleaning and caring for clothes. It also includes plenty of examples of how technology affects textiles.

This colourful and stimulating book is full of factual information for pupils in Years 7 and 8. It could be used to trigger ideas for a project or questions could be set using the text for homework. It could also be useful for low-ability pupils at KS4 for the textiles option. It contains practical ideas for experimental work and is clearly laid out.

£7.25 Heinemann International 1989 ISBN 0 435420 01 1

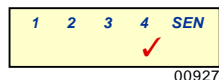
**Textile Science: an Explanation of Fibre Properties.**

218pp, b/w ills

Gohl, E P G & Vilensky, V D

Explains the properties of textile fibres, the relevance of their morphological structure, the way dye molecules colour fibres, how the fastness of dyed or printed textiles is achieved, and why chemical treatments of fibres result in certain specific finishes.

£13.99 Longman 1984 ISBN 0 582685 95 8

**Textile Time: Using Yarns and Fabrics**

A4, 64pp, b/w ills

Morgan, Marleen & Robinson, Helen

Aims to give pupils the experience of textiles as a creative medium, and through the use of experiments to build up the pupils' knowledge of the aesthetic and physical properties of fabrics used to make the clothes they wear.

£4.75 Hodder & Stoughton 1989 ISBN 0 713109 56 4

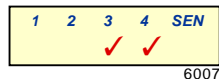
**Textiles**

A4, 80pp, col ills

Coles, Jan

Introduction to fabrics, providing a range of surveys, experiments and other practical activities. Aims to encourage readers to develop an understanding of the ways in which different fabrics are made and their uses in clothing, culture, fashion, art and the home.

£4.65 Simon & Schuster Young Books 1989 ISBN 0 631902 83 X

**Textiles**

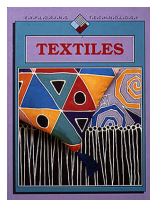
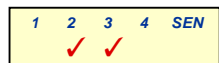
A4, hardback, 48pp, col ills

O'Reilly, Susie

Introduces the reader to the technology behind textiles, from weaving and dyeing to research and design. Covers linen, cotton, wool and silk and artificial fibres like nylon and Goretex.

Good information on textiles and fibres which includes work on testing, colours, water resistance, designs and tie and dye work. Each task is clearly explained and shown. It could be used with support at KS2 or by pupils alone at KS3.

£8.50 Wayland 1991 ISBN 0 750200 40 5



Textiles for You

123pp, col & b/w ills

Pomeroy, Elaine & Pomeroy, John

Aims to integrate textiles into Design and Technology. Students are encouraged to identify needs and opportunities and solve them in a practical way. Each chapter provides a design brief which poses problems offering a range of solutions using textiles. It also aims to develop students' understanding of the clothing and household items they will purchase and use as consumers of textiles.

£5.99 Stanley Thornes 1988 ISBN 0 091724 71 6

1	2	3	4	SEN
			✓	

0283c

Textiles Investigations

A4, ringbound, hardback, 192pp

Cunningham, Anne & King, Hazel

Designed as a resource for textiles teachers. Tasks have been grouped under headings common to most GCSE Textiles syllabuses, and each task covers a different aspect of a topic with scope for adaptation. Includes a list of useful addresses.

This is an excellent photocopiable resource of information and activity sheets to support D&T textile activities. Some would take only one lesson and could be used for supporting projects. There are many sheets for the less able KS3 student, whilst others are appropriate for able GCSE students. It covers all aspects of textiles and also highlights multicultural links.

£34.50 Heinemann International 1989 ISBN 0 435422 71 5

1	2	3	4	SEN
		✓	✓	✓

01462

**Weave Tutor T2, T3, T4**

BBC; Archimedes

An introduction to the 4-shaft loom.

£19.60 Emmerich (Berlon) Ltd 1990

1	2	3	4	SEN
		✓	✓	

10519

Working with Textiles

BBC

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. Part 2 is for use with older pupils on an individual basis as part of a revision process.

£15.00 Angelsoft Educational Resources 1990

1	2	3	4	SEN
		✓	✓	

10525

Textiles - batik**Batik and Tie-Dye**

Hardback, 32pp, col ills

O'Reilly, Susie

Step-by-step instructions and colour photos show how to use batik and tie-dye to create fabric designs. Also looks at some of the batik and tie-dye fabrics produced around the world.

£8.50 Wayland 1993 ISBN 0 750206 81 0

1	2	3	4	SEN
		✓	✓	

03290

Textiles - clothes

Adornment

20 min, video

This video looks at the wide-ranging issues raised when a design activity involves creating adornment, covering how to make it safe, comfortable and practical to wear, what makes it look good, and what makes it fashionable. It also explores the compromises between individuality and mass production.

£36.42 Kent Educational Television 1990

1	2	3	4	SEN
		✓	✓	

0245c

Clothes and Fashion

Hardback, 32pp, col ills

Jessop, Joanne

Looks at changing fashions in the twentieth century. Making use of first hand information such as quotations and diary entries, the book traces some of the developments that have taken place and shows how they have affected people and the society in which they live.

£7.50 Wayland 1991 ISBN 0 750201 29 0

1	2	3	4	SEN
		✓	✓	

00739

Encyclopaedia of Fashion Details

262pp, ills

Ireland, Patrick John

Illustrated guide to fashion details, showing different fashion styles

£17.99 Batsford Ltd 1989 ISBN 0 713464 33 X

1	2	3	4	SEN
			✓	

00720

Exploring Clothes

Hardback, 48pp, col ills

Lewis, Brenda Ralph

Encourages pupils to explore the past through what they can see or find out from their own surroundings. Looks at the uses and development of clothes through the ages.

£7.95 Wayland 1988 ISBN 1 852100 06 0

1	2	3	4	SEN
		✓	✓	

01120

Fads

BBC; Archimedes; RM Nimbus

A fashion design program, enabling users to assess the effects of fashion on male or female figure types, based on body measurements given by user.

£30.00 Advisory Unit for Microtech. Ed 1986

1	2	3	4	SEN
	✓	✓	✓	

10448

Fashion

48pp, col ills

Baker, Wendy

Introduces some basic techniques surrounding the world of fashion design. Special projects include making accessories, fashion drawing, looking at fabrics, embroidery and appliqué.

£4.99 Two-Can Publishing Ltd 1991 ISBN 1 854341 20 0

1	2	3	4	SEN
		✓	✓	

02629

Fashion Design: How Clothes are Designed Made and Sold

A4, 64pp, col ills

Everett, Felicity

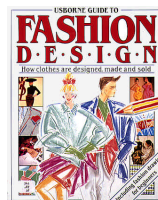
Explores the technical and artistic sides of the business, looks at the evolution of twentieth century fashion and evaluates the contribution of the top designers.

As well as covering the work of fashion designers and fashion trends since the 1900s, this book looks at the basics of fashion design - line, shape and form. There are also some helpful ideas on presentation sketches and tips written with the KS4 pupil in mind. A very useful book.

£4.95 Usborne Publishing Ltd 1987 ISBN 0 746001 87 8

1	2	3	4	SEN
		✓	✓	

00905

**Fashion Illustration: the Techniques of Fashion Drawing**

160pp, col ills

Barnes, Colin & Wolfe, Mary Lee

A reference work with many examples from fashion illustrators around the world and information on the history of fashion.

£16.95 Macdonald 1988 ISBN 0 356150 74 7

1	2	3	4	SEN
		✓		

02769

Fashionable Clothes

Hardback, 32pp, col ills

Moss, Miriam

Looks at fashion and what influences it. Compares haute couture and street fashion. Covers the influence of Royalty, television and pop stars on fashion trends. Index and glossary.

£7.50 Wayland 1988 ISBN 1 852101 00 8

1	2	3	4	SEN
	✓	✓		

02929

Fibre of Clothing, The

128pp, b/w ills

Fritz, Anne

Deals with different types of fabric, how their properties are achieved, what can be done with fibres and how to look after clothes.

£6.25 Oxford University Press 1980 ISBN 0 195505 97 2

1	2	3	4	SEN
		✓	✓	

02832

Gallery of English Costume

Platt Hall, Platt Fields, Rusholme, Manchester, M14 5LL

Visit: Telephone no. 061 236 9422

Over 18,000 items and an extensive library and archive. Shows fabrics used, embroidery, trimmings, knitting, underwear, and some rare items from before 1750.

1	2	3	4	SEN
		✓	✓	

01380

Interlink Home Economics: Creative Textiles

143pp, col & b/w ills

Heron, Norma & Rainford, Sue

Looks at textiles in clothing and in the home and the physical structure of fibres and yarns. Covers design, colour, texture, consumer awareness and production technology in clothing and textiles. Gives basic background information and suggestions for follow-up activities.

£5.99 Blackie 1989 ISBN 0 216923 23 9

1	2	3	4	SEN
			✓	

02620

Making Clothes: From Start to Finish

48pp, col ills

Everett, Felicity & Garbera, Carol

Explains basic sewing techniques for making clothes including threading and using a sewing machine, making patterns and basic hand sewing.

£4.50 *Usborne Publishing Ltd* 1985 ISBN 0 860209 81 4

1	2	3	4	SEN
	✓	✓		

03203

Our Clothes

18 min, video, leaflet

Almberg, Bengt

Sources of cotton, wool, synthetic fibres, leather and rubber are examined. Looks at the processes involved in the manufacturing of clothes in the factory and in the home.

£29.50 *Almberg Film AB* 1976

1	2	3	4	SEN
✓	✓	✓	✓	

01412

Street Fashion

Hardback, 32pp, col ills

Moss, Miriam

Explores aspects of street fashion and the people who are ultimately responsible for what we wear and why we wear it.

£7.50 *Wayland* 1990 ISBN 1 852109 88 2

1	2	3	4	SEN
	✓	✓		

01176

Street Style: British Design in the 80s

144pp, col & b/w ills

McDermott, Catherine

Surveys new wave British design, and analyses its roots and culture. It explores how teenagers began to make an impact on popular taste and design in the 50s. Looks at designers such as Vivienne Westwood, Ron Arad, Neville Brody and also some of the best of the radical new ideas in design.

£12.50 *Design Council* 1987 ISBN 0 850721 73 3

1	2	3	4	SEN
		✓	✓	

01151

Style File, The

A4, 48pp, col ills

Bawden, Juliet

Provides ideas for brightening up old clothes and for easy-to-make accessories.

£2.95 *Scholastic Publications Ltd* 1991 ISBN 0 590765 55 8

1	2	3	4	SEN
	✓	✓		

03201

Theatre Museum

1e Tavistock Street, London, WC2E 7PA

Visit: Telephone no. 071 836 7891

Large collection of theatre objects explaining the development of the theatre from Shakespeare to the present. Contains costumes, props, puppets, posters and model sets, including some relating to rock and pop.

1	2	3	4	SEN
	✓	✓	✓	

01411

Understanding Dress

176pp, ills

Picton, Margaret

Provides a non-academic approach to the subject aimed at lower ability students on examination courses. Divided into sections on fashion, fabrics and sewing. Text is supported by 'think and do' sections at the end of each chapter.

£7.99 *Nelson* 1979 ISBN 0 174386 37 0

1	2	3	4	SEN
		✓	✓	✓

6080

Textiles - silk

Silk

Hardback, 25pp, col ills

Deshpande, Chris

Shows how silk is made, where it comes from, how it is woven, its history and what it can be used for. Experiments relate these topics with activities.

£5.99 A & C Black 1991 ISBN 0 713633 63 8

1	2	3	4	SEN
	✓	✓		

00873

Silk Museum

Roe Street, Macclesfield, Cheshire, SK11 6UT

Visit: Telephone no. (0625) 613210

Covers the story of silk in Macclesfield. Includes textile workshops for pupils. The nearby Paradise Mill (0625 618228) has weavers demonstrating production processes.

1	2	3	4	SEN
	✓	✓	✓	

01407

Textiles - wool

Museum of the Welsh Woollen Industry

Cambrian Mills, Llandyssul, Dyfed, SA44 5UP

Visit: Telephone no. (0559) 370929

Displays range from 19th century carding and spinning machinery to a working woollen factory.

1	2	3	4	SEN
	✓	✓	✓	

01399

Wool

25pp, col ills

Dixon, Annabelle

Shows the story of wool from a sheep to a jumper. Ideas on things to do, including dyeing and weaving wool. Notes kinds of wool and different methods of spinning and weaving it.

An excellent starting point for a project for young pupils on fabrics or wool alone. Clear pictures take the reader through every aspect of wool and can be expanded by the teacher. It has a good combination of theory as well as an opportunity of 'things to do', with clear instructions and diagrams of all that is needed.

£2.99 A & C Black 1992 ISBN 0 713636 52 1

1	2	3	4	SEN
	✓	✓		

00891

Tools

Complete Guide to British Educational Supply

78pp, col ills

Directory of BESA members and their products, arranged by broad subject area. Includes product enquiry cards and full details of suppliers (name, address, fax and main personnel). Useful guides showing subject area and relevant suppliers.

£0.00 British Educational Supp. Assoc 1993

1	2	3	4	SEN
✓	✓	✓	✓	✓

04047

Screws and Screwdrivers

13 min, video

Gallagher, John (ed.)

Demonstrates various types of wood screws and their use. The importance of choosing a screw for a job is emphasised, along with instructions for use of various screw drivers. Drilling and countersinking are shown.

£25.00 Moreland - Latchford 1987

1	2	3	4	SEN
		✓	✓	

01459

Tools for Self Reliance

Netley Marsh, Southampton, SO4 2GY

Visit: Telephone no. (0703) 869697

Centre collects and refurbishes unwanted tools to send to village workshops in developing countries. Exhibits show the importance of hand tools. The Aylesbury Development Education Centre (0296 395185) produces teaching resources and is one of 65 local groups in the UK.

1	2	3	4	SEN
	✓	✓		

01412

Workshop Technology: Part 2

40pp

Chapman, W A J

Looks at aspects of machine-tool work for a basic knowledge of workshop engineering. Combines with its companion 'Workshop Technology: Part 1', in an attempt to provide a text for workshop engineers.

£11.99 Edward Arnold 1972 ISBN 0 713132 72 8

1	2	3	4	SEN
			✓	

00209

Toys & Games**Action Games**

32pp, col ill

Civardi, Anne

Shows how to make and play different games, such as board games, dice games, table games, party games and treasure hunts.

This is an ideal book for use on a maths/technology project at KS 2 & 3. There are roughly 20 games to make and play, all with easy-to-follow instructions. There is also a section laying out things you will need and where you can get them from. The illustrations are also easy to understand in what is an excellent book.

£3.50 Usborne Publishing Ltd 1989 ISBN 0 860200 19 1

1	2	3	4	SEN
✓	✓	✓		

03093

Bethnal Green Museum of Childhood

Cambridge Heath Road, London, E2 9PA

Visit: Telephone no. 081 980 3204/4315

Contains toys, puppets, automata, toy theatres, doll houses and many interactive exhibits. A teacher's pack is available. The museum is housed in a building constructed in a way similar to the Great Exhibition's building of 1851.

1	2	3	4	SEN
✓	✓	✓	✓	✓

01364

Book of Kites

Hardback, 80pp, col ill

Morgan, Paul & Morgan, Helene

Features an array of kites, from miniature paper designs to hi-tech stunts. Gives easy-to-follow instructions and patterns for making five distinctive kites designed by international kite designers.

£10.99 Dorling Kindersley 1992 ISBN 0 863187 85 4

1	2	3	4	SEN
	✓	✓		

0263c

Flying Toys: a Green Hobby That's Lots of Fun

54pp, col & b/w ills

Sams, Kenneth

A guide to making aerodynamically designed toys that fly. Provides step-by-step instructions with diagrams, and discusses tools and materials. Glossary.

A novel variation on the accepted interpretations of kite design, principally a teacher reference. The text includes clear instructions with detailed, but small diagrams and is supported by excellent colour photographs. A fun design and make theme offers potential for cross-curricular activities or project work.

£5.99 Cassell 1993 ISBN 1 863510 38 9

1	2	3	4	SEN
✓	✓	✓		

02910

Games to Make and Play

40pp, col ills

Hsiao, Pia et al

Shows how to play, design and construct a variety of both familiar and unusual games.

£2.50 Kingfisher Books 1987 ISBN 0 862723 15 9

1	2	3	4	SEN
	✓	✓		

03016

Jigsaw

Archimedes

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. Price includes site licence. Jiglet, a version for younger pupils, also available.

£19.95 4Mation Educational Resources 1989

1	2	3	4	SEN
✓	✓	✓	✓	✓

10036

Kites

Hardback, 120pp, col ills

Hosking, Wayne

Examines the history and origins of the kite. Describes the legends that surround it and the variety of kites available. Includes an index and a bibliography.

A comprehensive review of kite designs, dealing with their origins and their processes of evolution. The text is supported by full colour photographs which convey the fun and excitement which can be had when flying kites. A useful resource for design and make research.

£12.99 Merehurst Press 1992 ISBN 1 853910 76 7

1	2	3	4	SEN
			✓	

02912

Kites and Windsocks

A4, hardback, 96pp, col & b/w ills

Rowlands, Jim

Examines kitemaking and windsocks including inflatable kites, windsocks and drogues. Looks at the materials needed to build a kite, advises on construction, and suggests kite projects. There is a chapter on maintenance and an index.

£13.99 Batsford Ltd 1992 ISBN 0 713467 05 3

1	2	3	4	SEN
		✓	✓	

02908

Krazy Kites

32pp, col ills

Pelham, David

Book transforms into four kites, with directions for making and flying them.

£4.99 Piccolo 1993 ISBN 0 330327 47 X

1	2	3	4	SEN
	✓	✓		

02660

Making and Flying Fighter Kites

A4, hardback, 96pp, b/w ills

Gallot, Philippe

A guide to the design and construction of kites. Includes chapters on tools, materials, and building techniques. There are illustrated step-by-step guides for 29 kite designs and instructions for building a kite box. Includes an index and suggestions for games.

£13.99 *Batsford Ltd* 1990 ISBN 0 852198 07 8

1	2	3	4	SEN
		✓	✓	

02906

Making Dolls

56pp, col ills

Reinckens, Sunnhild

Shows various ways of making and designing dolls, including finger puppets, a hobby-horse and knitted dolls.

£5.99 *Floris Books* 1989 ISBN 0 863150 93 4

1	2	3	4	SEN
		✓	✓	

03219

Penguin Book of Kites, The

228pp, ills

Pelham, David

Introduction to kites and kiting covering their history, making and flying. Kite patterns are included.

£9.99 *Penguin* 1976 ISBN 0 140041 17 6

1	2	3	4	SEN
		✓	✓	

02626

Puppets

A4, 48pp, col ills

Wright, Lyndie

Introduces the skills and techniques involved in puppet making using step-by-step colour photos. Puppet types range from flat glove puppets to string scarf puppets.

£4.99 *Franklin Watts* 1990 ISBN 0 749604 05 0

1	2	3	4	SEN
		✓	✓	

00671

Toy and Model Museum

21-23 Craven Hill, London, W2 3EN

Visit: Telephone no. 071 262 7905

Collection of 5000 toys and models including bears, dolls, trains, animals and tin toys. Worksheets are available.

1	2	3	4	SEN
✓	✓	✓	✓	✓

01390

Wood**Bandsaw: Startrite 352**

Bandsaw

The 352 is one of a number of bandsaws produced by this well known British manufacturer of wood working machinery.

Startrite Machine Tool Company

1	2	3	4	SEN
		✓	✓	

8004



Carpentry and Joinery

192pp, ills

Porter, Brian

This three volume resource is designed to reflect the content of current courses and advances in equipment. Details of craft theory, associated studies and practical procedures are integrated throughout.

£11.99 *Edward Arnold* 1991 ISBN 0 340507 73 X

1	2	3	4	SEN
		✓	✓	

6016

Chisels

12 min, video

Gallagher, John (ed.)

The two types of chisel, tang and socket, are described and their uses demonstrated for rough cutting, smoothing and finishing both with and across the grain. Correct and safe use is emphasised.

£25.00 *Moreland - Latchford* 1987

1	2	3	4	SEN
		✓	✓	

01464

Collins Good Wood Handbook

Hardback, 128pp, col ills

Jackson, Albert & Day, David

Guide to selecting the right wood for the job, reference information for all wood users. Gives an introduction to wood and wood production, details of each wood's characteristics, common uses and workability, and a guide to man made boards and decorative veneers.

£9.99 *HarperCollins* 1991 ISBN 0 004125 60 6

1	2	3	4	SEN
			✓	

00727

Craft and Design in Wood

224pp, ills

Willacy, David

Aims to provide complete coverage of GCSE syllabuses in woodwork, with a special emphasis on the use of multi-media and design. Contains a classification of tools and materials, sections on the use of metals and plastics in relation to wood, practical advice on sketch techniques and design planning and a range of GCSE-type examination questions.

£6.99 *Hutchinson Educational* 1987 ISBN 0 091727 11 1

1	2	3	4	SEN
			✓	

0289c

Drawing and Planning for Woodwork

12 min, video

Axten, M

Examines the technical drawing processes of planning for a woodwork project. Stresses the need for neatness and accuracy.

£25.00 *Moreland - Latchford* 1968

1	2	3	4	SEN
		✓	✓	

01428

Enclosed Gear Hand Drill

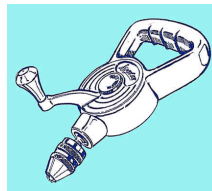
Spade-handed drill

This safety hand drill takes drills up to 5mm. It is easier to hold and control than a traditional open-gear hand drill and does not twist when drilling into wood.

Most Suppliers

1	2	3	4	SEN
	✓	✓	✓	

04053

**Handsaws**

12 min, video

Gallagher, John (ed.)

Focuses on the components of the handsaw, which include the crosscut, rip saw, back saw, coping and compass saws. Demonstrations of the correct use of these saws are included, as are cleaning and sharpening procedures.

£25.00 *Moreland - Latchford* 1987

1	2	3	4	SEN
		✓	✓	

01418

Improved Wood, Waste and Charcoal Burning Stoves

A4, 240pp

Stewart, Bill et al

Provides technical support, information and illustrations for a project on stoves and includes a look at those from around the world.

£12.50 *Intermediate Technology* 1987 ISBN 0 946688 65 6

1	2	3	4	SEN
			✓	

6146

More about Wood

18 min, video

Green, Philip & Green, Joyce

Experiments by school children on wood and its different types. Looks at bowls, archery, wood and buoyancy, and burning wood and charcoal.

£15.00 *Philip Green Educational*

1	2	3	4	SEN
	✓	✓		

01455

Planes

13 min, video

Gallagher, John (ed.)

Considers the construction and assembly of planes. Also looks at the applications and handling of joining planes, jack planes, block planes, rabbets and routers.

£25.00 *Moreland - Latchford* 1986

1	2	3	4	SEN
		✓	✓	

01426

Sharpening Chisels, Plane Irons, Gouges

11 min, video

Gallagher, John (ed.)

Introduces the grinding wheel and how it is dressed. Shows a glazed and worn oil stone. Demonstrates chisel sharpening, a plane iron and grinding a gouge with an outside and inside bevel. Safety is emphasised.

£25.00 *Moreland - Latchford* 1987

1	2	3	4	SEN
		✓	✓	

01467

Timber and its Properties

17 min, video

Oliver, Alan

The programme considers the growth and structure of timber, moisture relationship and the uses of timber.

£30.00 *Chiltern Consortium* 1985

1	2	3	4	SEN
			✓	

01404

Utility Snips

Cutting tool

Looks similar to a pair of scissors but is extremely versatile. One blade is serrated and the snips are capable of cutting a wide range of materials including thin metal, ice lolly sticks, yoghurt pots and card.

Most Suppliers

1	2	3	4	SEN
✓	✓	✓	✓	

04088

**Wood**

18 min, video

Green, Philip & Green, Joyce

Wooden instruments and carving are explored. Looks particularly at musical instruments, buildings, hardwoods and softwoods.

£15.00 *Philip Green Educational*

1	2	3	4	SEN
	✓	✓		

01369

Wood

A4, hardback, 32pp, col ill

Whyman, Kathryn

Explains different uses for wood and the processes it goes through to make things. Illustrates how paper is made and recycled, and gives information on trees and what happens to them.

£7.99 *Gloucester Press* 1987 ISBN 0 863135 48 X

1	2	3	4	SEN
	✓	✓		

01373

Wood Finishes

13 min, video

Gallagher, John (ed.)

The purpose of wood staining is discussed. The preparation of the wood before each application is shown and methods of applying and wiping stains, wood finishing with shellac, varnish, lacquer, wax and oil are demonstrated.

£25.00 *Moreland - Latchford* 1986

1	2	3	4	SEN
		✓	✓	

01466

Wood Joints

13 min, video

Gallagher, John (ed.)

Demonstrations of making a butt, rabbet, dado, lap joint are shown together with how dowels are used in joint forming.

£25.00 *Moreland - Latchford* 1986

1	2	3	4	SEN
		✓	✓	

01465

Wood Worker's Manual

A4, 159pp, ills

Vass, Gosta

Explains basic techniques of woodworking with simple step by step illustrations for making over 30 projects. Also includes tips and advice on tools and wood.

£3.99 Macdonald 1988 ISBN 0 356125 72 6

1	2	3	4	SEN
		✓	✓	

00628

Wooden Toys: Step by Step Plans for Over 50 Colourful Toys

Hardback, 79pp, col ills

Nielson, Ingvar

Contains step-by-step illustrated instructions for making toys from wood. Includes scale plans and templates. Tools and materials required are listed for each. Items to make include houses, boats, trains, puppets and motor vehicles. Also advises on painting and presenting the finished objects.

£9.99 Porteous, David 1992 ISBN 1 870586 05 0

1	2	3	4	SEN
			✓	

02972

Information about the products featured
in this chapter is available from:-
DATA (The Design & Technology Association)
16 Wellesbourne House,
Walton Road,
Wellesbourne,
Warwickshire,
CV35 9JB
ENGLAND



Tel: +44 (0)789 470007 • Fax: +44 (0)789 841955

**The Good Technology Guide:
Resources for the National Curriculum.
2 volumes.**

Primary Volume	ISBN 1 898788 00 6	£9.95
Secondary Volume	ISBN 1 898788 01 4	£19.95

**This PDF version of The Good Technology Guide
was created by Geoff Nixon at:-
338 Computers Ltd.
338 Streatham High Road,
London,
SW16 6HH,
ENGLAND**



Tel +44(0)181 677 6825 Fax +44(0)181 677 5207

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in this chapter is available from:-
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Tel +44(0)181 677 6825 Fax +44(0)181 677 5207**

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**The Good Technology Guide:
Resources for the National Curriculum.
2 volumes.**

Primary Volume	ISBN 1 898788 00 6	£9.95
Secondary Volume	ISBN 1 898788 01 4	£19.95

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General

Active Business Studies

189pp, b/w ills

Hammond, Susan

Twenty one units to give GCSE business students basic information to cover the syllabus. Each unit contains student-centred activities, exam style questions, case studies and a glossary of definitions.

£8.50 Longman 1991 ISBN 0 582036 93 3

1	2	3	4	SEN
			✓	

00693

BIS-NESS: 4 Case Studies on Enterprise

40 min, video, teachers' notes, BBC

Approached by open-ended problem solving using case studies of 4 separate enterprises in diverse areas of the business community: Agriculture (duck rearing), Craft/Manufacture (glass engraving), Retail (floristry) and Service (road haulage). The 4 enterprises and the business methods they adopt to suit their individual circumstances are compared and contrasted.

£40.99 Banking Information Service 1987

1	2	3	4	SEN
			✓	

00182

Business and Economics

A4 ringbinder, 8 sheets, b/w ills

Morgan, Colin

This pack is divided into 8 units covering the product, packaging, pricing, where to sell, promotion, types of business, aims of business and costs of industry. Photocopiable.

£32.00 Network Educational Press 1993 ISBN 1 857870 58 1

1	2	3	4	SEN
			✓	

01452

Business and Enterprise

64pp, b/w ills

Nicholl, Bill & Stensel, Peter

Four sections on business enterprise, marketing, design for manufacture and marketing and the environment.

This is a comprehensive review of enterprise marketing and design presented in an easy-to-read text. A useful resource for pupils, it includes a mini-dictionary as well as a helpful index.

£5.99 Cassell 1992 ISBN 0 304323 71 3

1	2	3	4	SEN
		✓	✓	

00007

Business Games

BBC

A simulation of activities which allow pupils to practise business decision making.

£14.50 RESOURCE 1992

1	2	3	4	SEN
			✓	

10413

Business Studies

26 min, video, 5 programmes

Five programmes look at small business and finance, how business responds to consumer demand (Tesco), the business of running a charity (RSPCA), structure and organisation in a multinational company (McDonalds), and public versus private (leisure centres). A second series looks at Business in the 1990s, covering preparation for the advent of a single European Market in 1992.

£40.00 Academy Television

1	2	3	4	SEN
			✓	

0105c

Business Studies

Spiral bound folder, 140pp, plastic wallets

New, David (ed.)

Selection of exercises and assignments for pupils studying GCSE Business Studies. Designed as a flexible learning package for supported self-study. Photocopiable.

£35.00 *Network Educational Press* 1989 ISBN 1 855390 02 7

1	2	3	4	SEN
			✓	

03143

Casebook for Schools, Science and Technology 1994

A4, 64pp, col ill

Ten curriculum based projects on organisations such as National Power, the Army and SmithKline Beecham. Each project tackles real life problems and asks pupils to judge the decisions that have been made. Each project is followed by 2 employee case histories. Aims to encourage pupils to continue with their science and technical education by relating it to the real world.

£0.00 *Hobsons Publishing plc* 1993 ISBN 1 853248 17 7

1	2	3	4	SEN
		✓	✓	

6534

Chairman of the Board

IBM

Finlay, Steven

The package is designed to simulate a manufacturing company with players making decisions on finance, production and marketing, which aims to teach concepts such as cash flow, stock control and marginal costs. It can be played singularly or with up to 6 competing teams. The package also includes the toolbox which allows the basic factors to be changed.

£29.95 *Leen Valley Associates* 1991

1	2	3	4	SEN
			✓	

10116

Commerce

20 min, video

This video focuses on the issues involved in designing mobile shops, or indeed anything from a railway tea trolley to an AA van, which involves packing a lot into a small place. Produced in conjunction with The Resource Base.

£36.42 *Kent Educational Television* 1990

1	2	3	4	SEN
		✓	✓	

0248c

Communicating Design

A4, 96pp, ill

Finney, Mike & Charles, Val

Covers a wide range of design techniques by linking school work to real-life case studies. Case studies include a furniture maker, manufacturer of pens and pencils, an architectural designer and an electronics manufacturer. Each chapter incorporates exercises.

£6.75 *Collins Educational* 1994 ISBN 0 003273 50 4

1	2	3	4	SEN
			✓	

6510

Computer Risk

20 min, video

Examines the risks inherent in companies using and relying on computers and suggests precautions for dealing with possible emergencies such as risk survey, computer insurance and a maintenance contact. A booklet includes a synopsis, transcript and questions.

£59.90 *TV Choice* 1989

1	2	3	4	SEN
		✓	✓	

01435

Design & Technology Across the Curriculum: KS 4

A4 folder, 140pp, ills

Upton, Barry

Three self-contained teaching units, each focusing on the world of work, which aim to provide suitable material for the cross-curricular theme Economic & Industrial Understanding. Designed to demonstrate classroom application of the skills outlined in the parent unit. Includes examples of work done by teams of tutors or groups of students.

Packed with useful cross-curricular assignments and tasks on IT skills, contexts, market research and mini-enterprise.

£38.50 Framework Press 1991 ISBN 1 850080 82 8

1	2	3	4	SEN
			✓	

00204

Designer's Guide to Making Money with Your Desktop Computer

116pp, b/w ills

Neff, Jack

Gives advice on how money could be made using a computer, including hardware and software advice, business plans, marketing and selling, and designing.

This has potential for cross-curricular work relating to both design and business studies in a comprehensive and easy-to-read text. There are a number of case studies together with exemplars of advertising and marketing approaches related to computer graphics. Appropriately enough, it is well supported by clear graphics.

£11.95 North Light Books 1993 ISBN 0 891344 39 X

1	2	3	4	SEN
			✓	

02931

Entrepreneur

IBM; RM Nimbus

Designed to teach the process of starting up and running a small business and covers finance, production, marketing and personnel. Free demonstration disk available.

£295.00 April Training Executive Ltd 1987

1	2	3	4	SEN
			✓	

10109

Exploring Industry

Hardback, 48pp, col ills

Lines, C J

Encourages pupils to explore the past through what they can see, or find out from their own surroundings. Looks at the origins and development of industry, and its role past and present in our local environment.

£7.95 Wayland 1987 ISBN 1 852100 07 9

1	2	3	4	SEN
	✓	✓		

01124

Exploring Industry and Enterprise

244pp, b/w ills

Dransfield, Robert & Needham, David

An introduction to the workings of industry and the economy in the United Kingdom. Provides practical, skill building activities and coursework suggestions.

£7.99 Cassell 1989 ISBN 0 304315 75 3

1	2	3	4	SEN
			✓	

6521

Have you Got What it Takes?

A4, 4pp

Aims to motivate and encourage pupils in the thinking and practical skills of entrepreneurs. It has seven headings, the Business Idea, Market Research, Business Structure, Premises, Equipment, Personnel, Advertising. Includes a classroom handout for the teacher to facilitate small group work, and provides the student with a personal source of reference material. Glossary.

£3.45 Banking Information Service 1991

1	2	3	4	SEN
	✓	✓	✓	

0213c

Industry in Close Up: a Brief Guide to the Way Industry is Organised

A4, 20pp, col ill

Aims to look at different roles in industry, how they all fit together and what their purpose is. Covers, for example, marketing, finance, sales, distribution and personnel. Price is for fifteen copies.

£7.59 *CarnaudMetalbox* 1992

1	2	3	4	SEN
		✓	✓	

6054

Introduction to Business

48pp, col ill

Cook, Janet

Ideas and tips on how to set up and run a successful business, which will appeal to readers who would like to know about starting one of their own, and also to those who are interested in finding out how the business world operates. Covers market stalls right through to large multi-national companies. Explains profit and loss, cashflow and balance sheets.

£3.95 *Usborne Publishing Ltd* 1985 ISBN 0 860209 34 2

1	2	3	4	SEN
		✓		

01346

Journey to Enterprise

17 min, video, A4 activity cards, tape, charts, teachers' notes

Ford, Kate et al

Multimedia package designed to give 8-13-year-olds the opportunity to explore ideas of what is meant by the term enterprise. Explores pupils' attitudes to ideas such as authority, power, control, independence, wealth and power.

£42.10 *Shell Education Service* 1989

1	2	3	4	SEN
	✓	✓		

03333

Mini Enterprise

A4, 32pp, b/w ill

Ballam, Roy et al

Enterprising food and textile ideas for a range of school activities.

£12.50 *Technopacks* 1993

1	2	3	4	SEN
		✓	✓	

6131

Moving Targets

BBC; RM Nimbus

Examines the structures and statistics of the business world. The booklet includes a glossary of business terms, and the program covers topic areas such as understanding business and planning and budgeting.

£5.50 *Post Office Education Service* 1992

1	2	3	4	SEN
			✓	

10490

Padgate Environment Project

Video, 12 activity cards, teachers' notes, poster

A documentary account of how industry and education worked together to create an environment project. Pupils' activity cards give tips on designing and running an environment area, sponsorship, publicity and more. Teachers' notes contain a diary of one year's activity in Padgate School.

£14.95 *BNFL* 1993

1	2	3	4	SEN
		✓	✓	

0155c

Padgate II

A4, ringbound, 96pp

Explains how to manage a cross-curricular project introducing environmental education.

£9.95 *BNFL* 1991

1	2	3	4	SEN
	✓	✓		

01386

Pencil Museum

Cumberland Pencil Company, Greta Bridge, Keswick, Cumbria, CA12 5NG

Visit: Telephone no. (0596) 73626

Historic specimens of pencil, manufacturing equipment and curiosities. Keswick pioneered the manufacture of graphite pencils in the sixteenth century.

1	2	3	4	SEN
	✓	✓		

01418

Real Design, Real Activities: Resource Pack

A4, ringbound, 64pp, b/w ill

Ridgwell, Jenny

Examines the use of designs in advertising, industry and sport, with real examples designed mainly by young people. Looks at the processes behind designing, asks questions, and promotes ideas and activities.

An excellent and up-to-the-minute book for D&T at KS2-3, presented in an interesting and colourful way. Thirty case studies describe a range of design contexts and provide open-ended design opportunities varying in length from short-focused tasks to extended projects. Written for pupils, it is also excellent for teachers who wish to set up contexts for design activities with plenty of research materials and suggested tasks.

£28.50 Hodder & Stoughton 1992 ISBN 0 340550 64 3

1	2	3	4	SEN
	✓	✓		

04501

**Revolution in Industry, The**

A4, hardback, 36pp, col ill

Kerrod, Robin & Rowe, Julian

Explains the expansion of industrial society through the development of industries. Shows how industrial designs and engineering revolutionised society and how different machines work.

Useful support material for pupils undertaking design studies and projects that require general background information. Some basic information is given on materials related to certain industries (e.g. plastics) and it also refers to the main elements in a particular industry, e.g. service industry. Could provide useful support for business and industry projects.

£7.99 Franklin Watts 1990 ISBN 0 749600 79 9

1	2	3	4	SEN
		✓		

01368

Stance

A4, ringbound, teachers' notes, worksheets

Designed to help explore and develop team-work, decision making, organisation and the company environment. Produced in conjunction with Unilever Educational Liaison.

£17.40 Michael Benn Publishing ISBN 0 903544 00 1

1	2	3	4	SEN
			✓	

02598

Technology Business: Key Stage 3, The

A4 folder, 3 booklets, b/w ill

Miller, A et al

A flexible resource pack designed to help teachers implement the National Curriculum for technology. Book 1 is the Teachers' Guide, Book 2 comprises Work-Related Activities and Book 3 covers Work Simulations.

This pack is designed as a resource which can be dipped into over a three-year period rather than as a conventional business studies textbook. Although many references are made to the original Order, it will remain relevant as a valuable resource, particularly for those teachers who have no formal training in business studies. A comprehensive resource to support this area of D & T work.

£6.50 SCIP/MESP Publications 1992 ISBN 1 872663 44 4

1	2	3	4	SEN
		✓		

00231

Time Charts

Colour frieze

A series of illustrated Time Charts which can be displayed as a wall frieze showing the story of various industries in relation to developments in architecture, fashion, social change and transport. Charts are available for British Rail, Pilkington Glass, Mercedes Benz, Rolls Royce, history of banking and the electricity industry. Some have teacher's notes and workcards. Some are priced.

£0.00 Michael Benn Publishing 1993

1	2	3	4	SEN
✓	✓	✓	✓	

03232

Trading Game, The

A4, 8pp, col ill

Simulation game to explore the issues surrounding international trade.

£1.00 Christian Aid 1993

1	2	3	4	SEN
			✓	

6536

Water Mill

BBC

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 an 80 page book by John Vince 'Discovering Watermills'. Useful for topic work on a mill.

£20.00 Chalksoft Ltd 1988

1	2	3	4	SEN
	✓	✓		

10518

World of Work

A4, 128pp, b/w ill

Fulford, Jane et al

Presents a range of activities to help pupils become aware of everyday industries and work places from an early age. Ideas for places to visit, whom to invite to school, simulating work situations, and running mini enterprises.

£6.99 Scholastic Publications Ltd 1989 ISBN 0 590760 16 5

1	2	3	4	SEN
	✓	✓		

02615

Advertising**Advertising**

A4, hardback, 32pp, col & b/w ill

Dade, Bob

Explores the nature of advertising and how to plan a campaign.

This explores a number of issues related to the advertising business and its information is readily accessible to students at KS4. Opportunities for graphic design are given particular significance.

£8.99 Franklin Watts 1991 ISBN 0 749606 54 1

1	2	3	4	SEN
			✓	

00987

Advertising

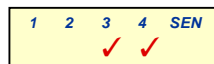
Hardback, 48pp, col & b/w ills

Lusted, David

Looks at the role advertising plays in society today and discusses whether or not advertising images lead to the stereotyping of women or other social groupings.

An extremely useful book. This presents a concise look at a number of up-to-date advertisements and advertising campaigns. Many cultural, ethical and social perspectives are considered, and the information is very accessible to students at KS3.

£8.99 Wayland 1991 ISBN 0 750200 02 2



01128

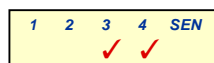
**Advertising**

Hardback, 48pp, col ills, teachers' notes

Mann, Brenda

Looks at the nature of advertising, how it developed through history, and how the industry and individual firms work. Also looks at how advertising works and the controls and constraints that result. Includes a glossary, an index and suggested further reading.

£8.99 Wayland 1993 ISBN 0 750207 58 2



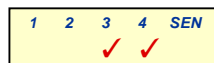
02931

Advertising Matters Because.....

A4, col ills

Looks at why advertising matters to industry, the consumer, the press, broadcasting and freedom.

£0.00 Advertising Association 1993



00356

Art of the Label, The

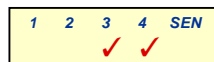
144pp, col ills

Opie, Robert

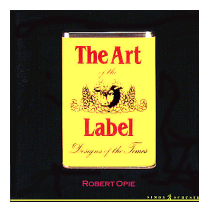
Guide to the world of labels, whether on a fruit can, a whisky bottle or a piece of luggage. Draws on the Robert Opie collection of over 30,000 labels from around the world and looks at the design of labels in categories according to the products they describe, covering medicines, toiletries, drink, food, tobacco and household goods.

A comprehensive source book on the history of product labels and their changing design. Divided into sections according to subject, each subject has a short introduction followed by a wealth of examples. An excellent resource for pupils and teachers.

£9.99 Quarto Publishing 1987 ISBN 0 671710 57 5



6013

**Illustration for Advertising**

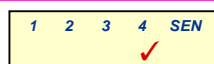
Hardback, 160pp, col ills

Ward, Dick

An inside view of artists at work on a variety of advertising campaigns. Case histories of these campaigns show how they were conceived, briefed and illustrated.

Helpful information including techniques, with examples of artwork on real projects undertaken by professionals. It includes exemplar material for pupils which would give good insight and ideas.

£16.95 Macdonald 1988 ISBN 0 356153 08 8



00637

Making Adverts

A4, 48pp, col ills

Davies, Chris

The book takes the pupil through the creation process of making adverts, working individually, in small groups or as a complete class.

£3.75 Longman 1991 ISBN 0 582059 43 7

1	2	3	4	SEN
			✓	

03293

Media in Action: Advertising

A4, hardback, 32pp, col ills

Foreman, Susannah

A mixture of fact and fiction designed to illustrate advertising. Takes a fictitious product, FIZZO, and follows it through the stages of identifying a market and developing an advertising campaign to reach that market. Includes a glossary, an index and useful addresses.

£5.99 Heinemann International 1991 ISBN 0 431001 19 7

1	2	3	4	SEN
		✓	✓	

02932

Sainsbury's Study Pack: Advertising

A4 folder

Information on how Sainsbury's advertises nationally and in-store. Samples of Sainsbury's advertising leaflets.

£0.00 Sainsbury, J 1991

1	2	3	4	SEN
			✓	

00540

Agricultural Industry**Farming and the Environment**

A4, hardback, col ills

Lambert, Mark

Attempts to explain how farming has changed the face of the Earth. Describes how steep mountain-sides have been terraced to grow crops, while grain, fruit and vegetables flourish in the desert. Explains how today's farmers produce better yields - but at a price! This book examines the effects of farming on the environment.

£3.95 Wayland 1991 ISBN 0 750202 79 3

1	2	3	4	SEN
		✓	✓	

5

Farming Technology

Hardback, 48pp, col ills

Lambert, Mark

This book discusses the constant development and application of farming technology. Includes explanatory diagrams.

£7.95 Wayland 1990 ISBN 1 852109 24 6

1	2	3	4	SEN
		✓	✓	

6519

Feed the World

A4, hardback, 48pp, col ills

Clint, Twist

Background information on food production around the world.

£8.50 Wayland 1990 ISBN 0 750200 21 9

1	2	3	4	SEN
	✓	✓		

04037

Food and Population

BBC

Deals with the problem of providing people with an adequate diet which focuses on the biological aspects of nutrition but also highlights the logistics of food production, finance, research, plant availability, storage space, time, etc. Having established a command centre on the planet Arena, the user sends robots to search for a food supply which will maintain a colony of 100 people.

£32.50 AVP Computing 1986

1	2	3	4	SEN
			✓	

10452

Food for Thought

32pp, col ill

Standring, Gillian

Looks at how farming affects soils and wildlife, how much energy is needed to grow food and how the weather influences crop harvests. Also looks at food packaging, organic farming and pesticides.

£3.50 A & C Black 1993 ISBN 0 713638 08 7

1	2	3	4	SEN
	✓	✓		

01303

Let's Explore Farming: Primary Science and Technology

A4 ringbinder, 25 laminated cards and teachers' guide, ill

Underwood, Karin & Monaghan, Heather

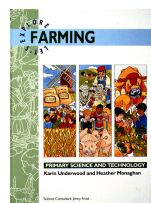
Aims to stimulate pupils' work in primary science and technology by relating scientific ideas and technological experience to the pupils' own world. Includes grid and list of Attainment Targets plus topic web for cross-curricular links. Each card is labelled as to Key Stage 1 or 2 or both.

This is designed for KS1 and 2 but its activities could also be adapted for KS3 pupils. It could be useful in various aspects of D&T, including textiles (spinning wool, wool colours) food (yoghurt making) and mechanisms. For some of the activities, younger pupils might need some support, but this book is well worth having.

£19.95 Hodder & Stoughton 1990 ISBN 0 340524 93 6

1	2	3	4	SEN
✓	✓	✓		

00055

**Modern Agricultural Methods**

23 min, video

Examines the use of modern technology to increase agricultural yields.

£29.50 Viewtech 1988

1	2	3	4	SEN
		✓	✓	

01441

Pesticides and Fertilizers in Farming

A4, hardback, 32pp, col ill

Taylor, Ron

Looks at the problems arising from using pesticides and fertilisers in farming and discusses their social implications.

£8.50 Gloucester Press 1990 ISBN 0 749601 26 4

1	2	3	4	SEN
	✓	✓		

00600

Where Does Our Food Come From?

A1 poster

Shows an average UK shopping basket and photos of where and how each item is produced.

£1.00 Oxfam/Christian Aid/Junior Ed 1989

1	2	3	4	SEN
	✓	✓	✓	

04005

Where Food Comes From

24pp, col ill

Cook, Janet & Bond, Shirley

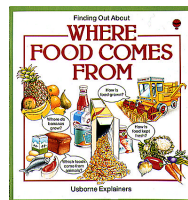
Looks at where food comes from and the processes involved.

Although the layout is designed for younger pupils, some of the ideas, concepts and information are relevant for higher levels of study, including KS 4. It would be a pity if older pupils were put off using what is a very useful book. There are plenty of thought-provoking ideas for further study.

£2.75 Usborne Publishing Ltd 1989 ISBN 0 746002 80 7

1	2	3	4	SEN
✓	✓	✓	✓	

04024

**World Food Resources: a Grain of Sense**

A4 fold-out leaflet, col ill

Sloyan, Mick

Looks at livestock rearing and the link between meat production and food shortages in the developing world. Describes how giving up eating meat here could not alleviate third world famine. Considers the usage of agricultural land in the UK. Considers the 'real problem' if this is not meat production.

£0.00 Meat and Livestock Commission 1992

1	2	3	4	SEN
		✓	✓	

00352

World in a Supermarket

A4, booklet, 8pp

Grunsell, Ange & Stearn, Theresa

An introduction to the UK's dependence on food from around the globe.

£2.00 Oxfam 1992 ISBN 1 870727 40 1

1	2	3	4	SEN
	✓	✓		

04010

Biotechnology**Biotechnology**

A4, 32pp, col ill

Fieldhouse, Jack

The material is presented on double page spreads with graded questions on each page. Emphasis is placed on the development of information handling and problem solving skills.

£3.75 Oxford University Press 1988 ISBN 0 199142 50 5

1	2	3	4	SEN
			✓	

03193

Biotechnology

A4, hardback, 48pp, col ill

Katz, Jonathan

Looks at the way we use plant and animal cells and microbes to produce useful substances. Follow-up questions and activities are included in each chapter to stimulate ideas and work.

This provides a simple introduction to what is a complex technology. It is well presented and the information is easy to find and extract. A useful resource book for pupils at KS3 & 4.

£8.99 Franklin Watts 1990 ISBN 0 749603 25 9

1	2	3	4	SEN
		✓	✓	

00726

Biotechnology: a Brave New World

Hardback, 127pp, col ills

Yanchinski, Stephanie (ed.)

Gives an introduction to the science of biotechnology, including cloning, genetic engineering, and in-vitro fertilisation.

£19.50 *Lutterworth Press* 1989 ISBN 0 718826 31 0

1	2	3	4	SEN
			✓	

03194

Biotechnology in Plant Breeding

15 min, video, teachers' notes

Shows the way new techniques have been developed to produce improved varieties of plants - some already in commercial use, others still largely in the research phase.

£15.00 *Shell Education Service* 1991

1	2	3	4	SEN
			✓	

0282c

Biotechnology: Selected Topics

128pp, ills

Teasdale, Jim

Biotechnology is about the application of biological processes in industry, including food and health industries. Topics covered include living things and industrial processes, biotechnology and food, fuels, water, health and disease.

£4.50 *Stanley Thornes* 1987 ISBN 0 859505 55 3

1	2	3	4	SEN
		✓	✓	

0279c

Dairy Biotechnology

A4 folder, booklets, cards, b/w ills, teachers' notes

Hayes, Susan & Madden, Dean

Booklets give background information, each section of which is linked to an appropriate practical activity described by a teacher's lesson guide and supported by worksheets. Items needed for the activities are listed in the front of the teachers' notes and include such things as microbial silage additive, yoghurts and fungal enzyme. Suitable for photocopying.

£2.00 *National Dairy Council* 1992

1	2	3	4	SEN
			✓	

00336

Staffordshire Biotechnology

A4 ringbound, OHP masters

Designed with a strong emphasis on flexibility, the experiments are designed for 12 to 16 year olds. The package includes a general introduction designed to raise pupil awareness of biotechnology and to highlight the ethical and social considerations. Areas covered are plant tissue culture, fermentation technology, enzyme technology, environmental protection and microbial protein.

£10.00 *Staffordshire Technology* 1985

1	2	3	4	SEN
		✓	✓	

00075

Chemical & Plastics Industries**Designer Molecules**

13 min, video, A4 teachers' notes, 29pp

Examines the search for new molecules which could be used as pharmaceuticals, etc. Looks at techniques applied to development, computer work and design.

£12.08 *Shell Education Service* 1991

1	2	3	4	SEN
			✓	

6099

Enterprising Technology

A4 ringbinder, col ills, worksheets, BBC

Aims to provide a set of introductory activities to help pupils gain a better appreciation of plastics and assess the benefits and drawbacks of this family of materials. Includes software, market sheets (to highlight the value of plastics in each market), starter ideas, materials, product testing sheets, information sheets and a business plan.

£34.95 BP Educational Service 1991

1	2	3	4	SEN
			✓	

00031

Lever Product Information

A4 folder

Typewritten information sheets on all Lever products. Glossary.

£0.00 Lever Brothers 1993

1	2	3	4	SEN
			✓	

00523

Petrochemicals : Parts 1-6

47 min, video, A4 booklet, teachers' notes, worksheets

Six films form an introduction to petrochemicals, although each film is self-contained: the Building Blocks, Polymerisation Reactions, Polymers in Use, Solvents, Detergents and Industrial Chemicals, Agricultural Chemicals and Chemicals in Society.

£14.38 Shell Education Service 1982

1	2	3	4	SEN
		✓	✓	

6116

Plastics Recycling and the Environment

Col poster

Aims to show that disposal need not be the ultimate fate of plastic products, to illustrate some recycling techniques used in the plastics industry and to provide opportunities to practise information retrieval and the application of scientific knowledge. Accompanied by a students' worksheet and background notes for teachers.

£0.00 EVC in association with ICI 1991

1	2	3	4	SEN
		✓	✓	

00320

Project Cleancare

A4, 30pp, worksheets

Puzzles and problems concentrating on teaching the uses and manufacture of detergents. Photocopiable. Updated regularly.

£0.00 Lever Brothers 1993

1	2	3	4	SEN
	✓	✓		

02587

Communications Industries**Designing a Telephone**

A4 activity cards, resource cards, teachers' guide, slides, telephone printed circuitry

John Price Consultants

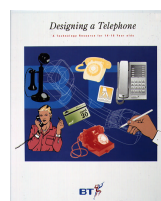
Forty 'phonecard' activity cards and 15 'Yellow Pages' resource cards are provided to illustrate the processes and technologies used in the development of a BT telephone. Covers all stages of design from product definition and development through to production and marketing, and supports students in developing their own design.

A most impressive and useful technology resource which has been carefully structured. The pack also contains a very good guide to products and services for disabled and elderly users. Altogether an excellent low-cost resource which is beautifully presented and laid out - well worth purchasing.

£10.50 British Telecom Education Service 1993

1	2	3	4	SEN
			✓	

0166c



Mailflow

RM Nimbus; IBM; teachers' notes

This pack aims to challenge pupils to design and then run their own sorting office. First they equip the office, selecting appropriate machinery and working to a strict budget. The final stage aims to give the student the opportunity to run the office through a simulated working week, with operational problems thrown in to which they must respond.

£10.00 *Post Office Education Service 1992*

1	2	3	4	SEN
			✓	

0276c

Meet the Royal Mail

22 min, video

Examines the collection, sorting and delivering of mail and looks at the function of postcodes. Available for hire.

£10.00 *Post Office Education Service 1980*

1	2	3	4	SEN
		✓	✓	

6139

New Pillar Box for the Post Office

80 slides, booklet

Austen, Benedict

Case-study material on the design and manufacture of a cast iron pillar box. Involves the reader in the design problems and solutions by showing how the designer approached the project. Follows each stage of the process, from concept sketches and scale models, to engineering drawings, prototypes and manufacture of the final product. Contains study notes and suggestions for project work.

A handbook with 80 slides, this resource carefully outlines and details the design and manufacture of a new pillar box. Two commentaries are provided - one for the full presentation, the other for a shorter lecture. It is particularly helpful in that it shows the entire design process. Thirteen projects are offered and these build and expand on the study pack material. Well structured and well presented.

£32.50 *Design Council 1986*

1	2	3	4	SEN
		✓	✓	

100

Pioneers in Telecommunications

32pp, A1 poster

This illustrated brochure should be of particular interest to science, technology and history students. Over 20 scientists and engineers are featured, including Morse, Marconi and Bell, as well as some more modern pioneers. There is some biographical detail in addition to information about experiments and achievements in the field of telecommunications.

These resources, used together with the poster on 'Telephones', provide a useful insight into the contribution made by a number of technologists concerned with the development of the telephone. The booklet makes good use of photographs, diagrams and historical accounts to tell the story of a very important technological system which is often taken for granted.

£1.25 *British Telecom Education Service 1983*

1	2	3	4	SEN
			✓	

0165c

Post Code Connection

21 min, video

Examines the postcode system, the technology behind it and its capabilities. Available for hire.

£10.00 *Post Office Education Service 1979*

1	2	3	4	SEN
			✓	

6091

Post Office Activity Pack

BBC; RM Nimbus

Designed to encourage pupils to design and run their own Post Office counter. Contains a database of postal prices (which can be readily updated) and a simple invoicing system.

£10.00 *Post Office Education Service* 1992

1	2	3	4	SEN
✓	✓	✓		

10496

Telecommunications Today

A4 plastic box, pupils' pack, teachers' notes

Aims to provide teachers with a topic-base designed to illustrate how pupils' studies can be related to activities in today's telecommunications industry. Modules deal with microwaves and communication, network technology, telephone design and development, facsimile machines and fibre optic cables. Supported by a range of activities and project ideas for pupils.

£7.50 *British Telecom Education Service*

1	2	3	4	SEN
			✓	

0174c

Television

Hardback, 32pp, col ill

Gregory, Tony & Byrne, Tim

Presents an account of the television industry, the lives of famous television actors and presenters, and the importance of the roles of people working behind the scenes.

£7.50 *Wayland* 1989 ISBN 1 852107 11 1

1	2	3	4	SEN
		✓	✓	

00687

Working Environment: Systems Design

A4 folder, 48pp, b/w ill, video

Focuses on the redesign of the BBC Post Production facilities and their subsequent evaluation in the light of working systems and environments. Activities vary from designing a work room to designing and making individual products for a working environment such as lighting, seating, room dividers, systems for access, control of heating and communications.

A stimulating and useful resource which can promote investigations and activities ranging from using a systems approach to electronic circuit design and construction to designing and making seating and food products. It includes a video which focuses on the work of the BBC and could form a valuable aid to developing an understanding of systems.

£25.50 *SCSST/SATRO* 1993 ISBN 0 904214 71 0

1	2	3	4	SEN
		✓	✓	

01378

Computers & IT**Computer Control Technology**

A4 folder, 64pp, BBC

This pack gives an insight into the way one company uses control and automation to manufacture food, control stock, maintain security and attend to the needs of the local environment. Activities are based on the Birds Eye Wall's factory and include software. Photocopiable for classroom use.

£25.50 *Cassell* 1991 ISBN 0 904214 05 2

1	2	3	4	SEN
	✓	✓	✓	

01362

Computers at Work for Shell

32pp, col ill

Illustrates how computers are used in industrial and business processes - the search for raw materials, their extraction and treatment, manufacture and distribution.

£0.00 *Shell Education Service* 1986

1	2	3	4	SEN
	✓	✓	✓	

6122

Computers in Business

60 min, video

An introduction to the use of computers in business. It is split into five sections on selecting a computer, using a computer, communications, business case studies and the user's viewpoint. A booklet includes a synopsis, transcripts and questions.

£59.90 TV Choice 1987

1	2	3	4	SEN
		✓	✓	

01427

Computers in Safeways Supermarkets

20 min, video

Linnane, Justin (ed.)

Looks at an integrated computer system at a Safeways supermarket in Maidstone, including optical bar-code readers, stock control and ordering systems. Produced by Kent Educational Television and The Resource Base.

£25.00 Kent Educational Television 1987

1	2	3	4	SEN
		✓	✓	

01438

Databases

40 min, video

Looks at modern database programs and how information can be sorted and rearranged to provide management with essential information.

£59.00 Taylor Made Films 1988

1	2	3	4	SEN
			✓	

01371

Desktop Publishing

40 min, video

Examines the capabilities of Desktop Publishing (DTP), showing techniques used for making graphs and pictures and the applications and scope of DTP for industry and business.

£59.00 Taylor Made Films 1988

1	2	3	4	SEN
			✓	

01380

Developing a Business-led Computer Strategy

40 min, video, 12pp booklet

Shows how developing a strategy for computer systems can help meet the needs of business and continue to do so in the future. Outlines issues involved step-by-step.

£59.00 Taylor Made Films 1991

1	2	3	4	SEN
			✓	

01372

IT Skills for Business

160pp

Skinner, Gladys G & Prentice, E M

This is for 14-18-year-olds who are following business and secretarial courses and is essentially an activity book which shows how information technology is used in business. Six units cover the most commonly used software packages, databases, spreadsheets, word processing, graphics, integrated packages and desktop publishing.

£12.99 Hodder & Stoughton 1992 ISBN 0 340538 39 2

1	2	3	4	SEN
		✓	✓	

03269

Networks for Competitive Advantage

25 min, video

Describes how computer networking is changing the way in which business works and considers the costs and benefits of failure. The installing of a network is analysed. The film highlights the advantages of electronic communication systems and their role in business competition. A booklet includes a synopsis, transcript, case studies and further reading. Produced in association with ICL.

£59.50 TV Choice 1987

1	2	3	4	SEN
		✓	✓	

01444

Consumer Education

Consumer Education

64pp, b/w ills

Cooper, Ian

Aims to target any course involving consumer education, but more specifically as a supplement to GCSE courses in Home Economics.

£4.25 *Oxford University Press* 1986 ISBN 0 198335 29 6

1	2	3	4	SEN
		✓	✓	

6508

Consumer File

Hardback, 43pp, ills

Consists of a 6 volume teaching pack containing teacher's notes and photocopiable worksheets on every aspect of consumer education for Key Stages 3 and 4. Contents cover consumer education, buying goods and services, consumer protection, money management, the consumer in the home and the consumer and government.

£32.50 *Forbes Publications* 1985 ISBN 0 901762 65 2

1	2	3	4	SEN
		✓	✓	

6031

Consumer Information Pack

A4, folder, leaflets, pamphlets, cards

Information pack containing leaflets on aspects of consumer advice such as buying a home and dealing with doorstep salesmen. Includes teachers' fact sheets on advertising and legislation, and copies of Value for Money, a pupils' magazine. This publication is updated regularly.

£0.00 *Office of Fair Trading* 1993

1	2	3	4	SEN
		✓	✓	

00309

Credit Casualty

18 min, video

The video illustrates good use of credit and was produced by the high street banks in conjunction with the Office of Fair Trading and the National Consumer Council. It adopts a story-line approach to illustrate the sensible use of credit.

£9.36 *Banking Information Service* 1988

1	2	3	4	SEN
		✓	✓	

0236c

Which? Reports

Journal, monthly

Consumers' Association

Monthly independent reports on the comparative quality of goods and services on sale to the public. Brand names, prices and value for money evaluations are given and best buys are named. Price given is per annum.

£51.00 *Consumers' Association* ISBN 0 043 48 41

1	2	3	4	SEN
		✓	✓	

7501

Education Industry

Is School Working?

A4, ringbound, col ills, worksheets, teachers' guide

Smith, Duncan & Wootton, Richard

Aims to help pupils gain a better understanding of economic ideas and practice in the context of the school community. Contains illustrated stimulus material, activities, games and simulations. Pupils are invited to explore a variety of economic ideas such as scarce resources, roles in the workplace, and the scale and impact of new technology, by focusing on what happens in their classroom. Photocopiable.

£15.50 *Shell Education Service* 1992

1	2	3	4	SEN
✓	✓	✓		

01431

School Shop

Boxed pack with 3 spiral bound booklets

Outlines how pupils can go about setting up and operating a school shop. Provides information and ideas about theoretical concepts used in business studies, applied in the actual operation of a business venture, and about practical design and technology realisation.

£0.00 Mars 1991

1	2	3	4	SEN
	✓	✓		

02777

Energy & Power Industries**Applications of Science in the Gas Industry: Teachers' Resource Book**

A4, 62pp, teachers' notes, ills

Nicholl, Brian

Resource book for teachers on natural gas. Includes photocopiable diagrams of gas burners, kilns, carriers etc. Mainly concerned with the industrial applications of gas. Hole punched.

£2.25 British Gas Education 1984 ISBN 0 903545 28 4

1	2	3	4	SEN
			✓	

01372

Chemicals from Oil

A4, booklet, ills

Designed to give information on the oil industry and the chemicals which come from it. Topics include synthetic rubber, textiles and agricultural chemicals.

£5.00 BP Educational Service 1990

1	2	3	4	SEN
			✓	

00524

Coal - the Rock that Burns

13 min, video

An introduction to the coal industry. Looks at modern innovations, the by-products of coal, ecological considerations, including strip mining and air pollution.

£34.50 Viewtech 1984

1	2	3	4	SEN
		✓	✓	

01414

Delivering a Service

Box, col leaflets, 2 col booklets, RM Nimbus; IBM

Turns the spotlight on the IT and people networks involved in providing a service to gas customers. Students become 'work shadowers' at a local gas service centre. They are engaged in a variety of tasks, often with the aid of IT, as they help deal with telephone requests for service, schedule these requests for action and accompany service engineers into customers' homes.

£25.00 British Gas Education 1991

1	2	3	4	SEN
			✓	

00147

Distribution

A4 fold-out leaflet, col ills

Describes Esso's distribution of oil and gas around the country. Explains how they get from the sea to the customer.

£0.00 Esso UK plc 1989

1	2	3	4	SEN
			✓	

00274

Drilling for Oil

A4, leaflet, ills

Designed to give pupils up-to-date information on the oil industry with 6 questions on the back cover.

£0.00 BP Educational Service 1990 ISBN 0 861650 62 X

1	2	3	4	SEN
		✓	✓	

00493

Energy Through Time

174pp, col & b/w ill

Scott, Joe & Schemilt, Denis

A study in development which has been chosen as a vehicle for teaching transferable ideas about change and cause and world and domestic energy policies. Useful for teaching economic literacy, awareness of the world of work and an understanding of technological change.

£8.50 Oxford University Press 1986 ISBN 0 199133 04 2

1	2	3	4	SEN
			✓	

00080

Engineering your Gas Supply

A4, 15pp, A1 wallchart, col ill

Shows various technological parts of the gas supply system. Also examples of engineering problems and solutions.

Clear and concise information which is easily read and assimilated. This offers a useful examination of some of the problems involved in the technology, planning and operation of the United Kingdom's natural gas supply. Most useful with pupils at the upper end of KS3 and the lower end of KS4, it could also provide valuable support to other subject areas such as geography and environmental studies.

£0.00 British Gas Education 1992

1	2	3	4	SEN
		✓	✓	

02600

Esso in the UK

A4 fold-out leaflet, col ill

Describes Esso in the UK, with details of the company, employees, oil demand, products, quality, research etc.

£0.00 Esso UK plc 1990

1	2	3	4	SEN
		✓	✓	

00307

Fawley

A4 fold-out leaflet, col ill

Describes Fawley oil refining and chemical manufacturing plant which produces oil products for Esso. Explains refining, distribution, energy conservation etc.

£0.00 Esso UK plc 1987

1	2	3	4	SEN
			✓	

00272

Filling Station

BBC

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 other filling stations using the computer program for a simulated year.

£12.95 BP Educational Service 1988 ISBN 0 861651 06 5

1	2	3	4	SEN
	✓	✓	✓	

10449

Getting Started

55 min, video

Awcock, Tom

Considers the use of electricity in commerce, industry and the home, and the environmental effects of generation and distribution. Also studies the structure of atoms, current flow, conductors, insulators and resistance.

£55.50 Team Projects 1989

1	2	3	4	SEN
		✓	✓	

01417

Good Neighbours: How the Oil and Gas Industry...

A4, 44pp, col ills

Describes how the oil and gas industry take precautions to protect the environment. Starts with the offshore platform and follows the product through the refining process and petrochemical manufacturing to the final consumer. The whole title is: Good Neighbours: How the Oil and Gas Industry goes about its Task of Protecting the Environment.

£0.00 *Shell Education Service* 1986

1	2	3	4	SEN
		✓	✓	

00314

Homeward Bound

21 min, video, A4 notes, 4pp

Explanation of how oil and gas are converted into materials used in the home.

£12.08 *Shell Education Service* 1986

1	2	3	4	SEN
		✓	✓	

6107

How Electricity is Made

A2 col, wallchart

Shows how power stations use coal, oil or nuclear fuel to produce heat which is then converted into electricity. Each picture of the process is supplemented by a paragraph of text underneath.

£0.00 *Understanding Electricity* 1993

1	2	3	4	SEN
		✓		

03237

How your Electricity is Made

A2 wallchart

Shows how a modern coal fired power station works. A diagram explains some of the differences between nuclear and coal fired power stations.

£0.00 *Understanding Electricity* 1987

1	2	3	4	SEN
	✓	✓	✓	

6055

Industry and Commerce

A4, 5 sets of 12 workcards, A2 wall chart, teachers' notes, col ills

Covers the application of electricity in industry and commerce including electric motors, transport, lifts, agriculture, computer-aided design, conveyer belts etc. Wallchart shows the development of equipment for industrial commerce through the ages. Activities are aimed at encouraging students to observe, measure, interpret, predict and communicate.

£5.00 *Understanding Electricity* 1990

1	2	3	4	SEN
	✓	✓		

02696

John Doran Gas Museum

Leicester Service Centre, Aylestone Road, Leicester, LE2 7QH

Visit: Telephone no. (0533) 535506

Contains items relating to the gas industry, from cooking to industrial activities. Covers energy, working and living conditions, and design. Includes a 1920s kitchen with all gas appliances.

1	2	3	4	SEN
	✓	✓	✓	

01388

Modern Motor Oil

A4, col ills

Designed to give up-to-date information on the energy and natural resources industries. Topics include, the internal combustion engine, fuel economy, modern lubricants and lubricant formulation. Questions and further information for teachers and advanced pupils.

£0.00 *BP Educational Service* 1990 ISBN 0 861651 89 8

1	2	3	4	SEN
			✓	

00508

National Grid: Michael Faraday Information Pack

A4 folder, 10 cards, poster, b/w ills

Aims to provide insight into the life and achievements of Michael Faraday and his great discoveries in the 19th century. Includes a biography, practical demonstrations of his work, colouring-in sheets, electricity generation, transmission and distribution, and the role of the National Grid Company.

£0.00 *National Grid* 1992

1	2	3	4	SEN
	✓	✓		

00337

Ocean Drilling Program

A4 open out card, col ills

Looks at ocean drilling, the history, science, and the ODP organisation. Produced by the National Environmental Research Council.

£0.00 *NERC* 1987

1	2	3	4	SEN
			✓	

00446

Offshore Oil

A4 fold-out leaflet, col ills

Describes offshore oil in the North Sea and other areas with particular reference to Esso's involvement.

£0.00 *Esso UK plc* 1983

1	2	3	4	SEN
		✓	✓	

00305

Oil and the Environment

A4, 10pp, col ills

Three major environmental themes connected with oil explored through case-studies on developing a new oil field, action against oil spills at sea, and the recycling of plastics.

£0.00 *BP Educational Service* 1993

1	2	3	4	SEN
	✓	✓		

0182c

Oil Refinery

24 min, video

Explains the activities which take place in an oil refinery. Combination of animation and live-action photography.

£12.08 *Shell Education Service* 1980

1	2	3	4	SEN
			✓	

6106

Onshore Oil

A4, 10pp, col ills

Aims to provide information on the energy and natural resources industries with 8 questions to answer on the back cover.

£0.00 *BP Educational Service* 1988 ISBN 0 861651 18 9

1	2	3	4	SEN
		✓	✓	

00491

P, V, T ... And All That

A4, 4pp, col ills

Deals with the treatment and process of natural gas from the gas field to the home.

£0.00 *British Gas Education*

1	2	3	4	SEN
		✓		

01365

People Who Use Oil and the Service Station

A4, 8pp, ills

Aims to give pupils an insight into the distribution and marketing of oil products. Themes include the transportation of oil by road, rail, tankers and barges, the main customers for oil products, and the service station.

£0.00 *BP Educational Service* 1993

1	2	3	4	SEN
	✓	✓		

0180c

Petrol

21 min, video

Examines the refinery process required to produce gas, oil, kerosene and gasoline with partially animated sequences on the refining process.

£12.08 *Shell Education Service* 1985

1	2	3	4	SEN
			✓	

6105

Pipeline Puzzle

A practical problem-solving unit set in the context of an oil pipeline used to transport petrol and paraffin from a refinery to a terminal. The pupils investigate the properties of the two products and use their knowledge to design a device to detect which product is in the pipeline and about to arrive at the terminal.

£1.50 *BP Educational Service* 1993

1	2	3	4	SEN
			✓	

0194c

Pipelines

A4 fold-out leaflet, col ill

Describes Esso North Sea pipelines, safety, and some specific pipeline projects.

£0.00 *Esso UK plc* 1988

1	2	3	4	SEN
		✓	✓	

00310

Power Control

BBC; Archimedes

Arrowsmith, Mike

A tutorial is provided for each main type of power station, detailing the essential principles of how they work and their operational running. Interactive models are provided to set up and monitor controlled experiments, and students can run a 24-hour shift at a network control centre where all the types of power station must be operated to maintain power supply.

£10.00 *Understanding Electricity* 1988

1	2	3	4	SEN
		✓	✓	

10497

Power for the World

18 min, video

Smith, Steven

Looks at the use and production of electricity around the world, particularly in industries.

£25.00 *Electricity Association* 1970

1	2	3	4	SEN
		✓	✓	

01372

Power Plan

BBC; RM Nimbus; poster, teachers' notes

Power Plan is a computer program which covers the location of nuclear power stations, simulated operation of both Magnox and AGR reactors, and a game which challenges players to supply the UK's electricity demands.

£6.50 *BNFL* 1989

1	2	3	4	SEN
		✓	✓	

0157c

Principles of Refining

13 min, video

Jones, Glyn

Two programmes which examine the oil distillation process in refineries.

£12.08 *Shell Education Service* 1989

1	2	3	4	SEN
			✓	

6101

Products

A4 fold-out leaflet, col ill

Describes products and uses of Esso's crude oil.

£0.00 *Esso UK plc* 1987

1	2	3	4	SEN
			✓	

00273

Refining

A4 leaflet, col ill

Describes Esso's refining and chemical manufacturing processes.

£0.00 *Esso UK plc* 1987

1	2	3	4	SEN
			✓	

6550

Refining

A4, leaflet

Tomlinson, Mike & Lynch, Michael

Designed to give up-to-date information on the oil industry. Topics include distillation, aviation fuel and diesel fuel.

£0.00 *BP Educational Service* 1991

1	2	3	4	SEN
			✓	

00509

Research

A4, fold-out leaflet, col ill

Describes Esso's Research Centre work on the quality of petroleum products and their uses.

£0.00 *Esso UK plc* 1986

1	2	3	4	SEN
		✓	✓	

00265

Retail

A4, fold-out leaflet, col ill

Describes Esso retailing: design, motorways, technology, advertising and promotion.

£0.00 *Esso UK plc* 1991

1	2	3	4	SEN
		✓	✓	

00312

Slippery when Wet

19 min, video

Castle, James

Third in a series of six BBC programmes, which concentrates on liquids and their use in industry.

£0.00 *Uden Associates* 1991

1	2	3	4	SEN
			✓	

01451

Then & Now

A4, 6pp, col ill

The history of the gas industry and its development from the old fashioned, fragmented industry, to an integrated, highly technical company.

£0.00 *British Gas Education*

1	2	3	4	SEN
		✓	✓	

02602

Transportation of Oil

A4, 75pp

Redfearn, Judy

Designed to give information on the energy and natural resources industries. Topics include, marine terminals, the development of tankers, pollution and pipelines. Glossary and questions. Single copies free, £5.00 for 10 copies.

£0.00 *BP Educational Service* 1986

1	2	3	4	SEN
			✓	

00510

Entertainment Industry

Designing for the Theatre

106pp, b/w ills

Reid, Francis

Introduction to the possibilities and processes of design for the theatre. Considers the contribution of costume settings, props and lighting and explains their design process.

£8.95 A & C Black 1989 ISBN 0 713631 36 8

1	2	3	4	SEN
			✓	

01238

Pop Design: Modernism to Mod - Pop Theory and Design 1952-72

240pp, b/w ills

Whiteley, Nigel

Examines pop design as a cultural phenomenon and assesses the implications of pop for British design theory and practice.

£11.95 Design Council 1987 ISBN 0 850721 59 8

1	2	3	4	SEN
			✓	

01394

Theme Park Heaven

52 min, video

Equinox investigates the ways in which science and technology are applied in entertainment. Competition for the biggest and best in the rollercoaster business is intense, but another type of ride is rapidly taking over, in which the emphasis is on manipulating the rider's perceptions. The simulated environment, employing film and fantasy themes is the latest trend in amusement park technology.

£25.85 Academy Television 1993

1	2	3	4	SEN
		✓	✓	

0126c

Finance

Balance Sheet, The

28 min, video, A4, 27pp

Based on the ILO publication 'How to Read a Balance Sheet'. Gives an introduction to solvency, liquidity and gearing. Booklet includes a synopsis, transcript and questions. This resource was produced by the International Labour Office and TV Choice.

£59.90 International Labour Office 1990 ISBN 0 951460 51 X

1	2	3	4	SEN
			✓	

01436

Bank of England Fact Sheets

A4 information sheets, ills

Explains aspects of the function of the Bank of England and the markets and context in which it operates. Includes monetary policy in the UK, the European Monetary System, economic and monetary union, banking supervision, foreign exchange market, the Bank of England.

£0.00 Bank of England 1992

1	2	3	4	SEN
			✓	

03222

BIS Specimen Forms

Forms, boxed set of 200

Aims to give students practice in filling in some of the forms they will encounter when using personal banking services such as cheques, credit slips, bank Giro Credits and statements. Packs of 100 order and direct debit mandates are also available.

£7.00 Banking Information Service 1993

1	2	3	4	SEN
	✓	✓	✓	

0210c

Computerising Accounts

20 min, video

The history of accounting is briefly considered. The process of computerising accounts is covered from choosing a system and software package and the benefits, which can be enjoyed. The difference between manual and computer accounting is shown. A booklet includes a synopsis, transcript, discussion and questions.

£59.90 TV Choice 1988

1	2	3	4	SEN
		✓	✓	

01442

Eurocheque: a Cross-border Payment System

Wallet, laminated resource cards

Aims to develop a number of case-studies which can meet the Attainment Targets of National Curriculum Technology at KS3 and 4, and to provide a factual database covering aspects of Eurocheque as a cross-border payment system.

£6.00 Banking Information Service 1992

1	2	3	4	SEN
		✓	✓	

6073

Finding Out About Budgeting

A4, 26pp, teachers' notes

Introduces the basic concepts of budgeting, from current accounts to saving and borrowing.

£3.99 Hobsons Publishing plc 1989 ISBN 1 853241 31 8

1	2	3	4	SEN
		✓	✓	

00994

History of Money

16 min, video

The video progresses from barter right through to the plastic money of today, with a brief look into the future. It traces the development of trade, the various forms and use of money, credit and the growth of banking.

£14.16 Banking Information Service 1988

1	2	3	4	SEN
	✓	✓	✓	

0232c

IT - The Money Key: How Technology Enhances Our Lives

19 min, video, A4, booklet, 16pp

Explores the increasing influence of technology in everyday life, concentrating on the technology of payment systems. Includes a look at how these systems work, most notably, the credit card system.

£14.16 Banking Information Service 1993

1	2	3	4	SEN
		✓	✓	

01383

Simple Account

22 min, video

Describes the banking services, different methods of payment, savings, borrowing and financial advice. It also shows that the circulation of money is essential in the creation of wealth within the economy of the country and the role of banks in the economic system.

£14.16 Banking Information Service 1985

1	2	3	4	SEN
		✓	✓	

0228c

Single Market: About Community Currencies, The

Laminated folder, col ills, A1 wallchart, teachers' notes

Aims to raise pupils' awareness of fluctuations in foreign exchange rates and to introduce them to the concept of the ECU. A colour wallchart of the map of the European Community and a key to Member States' currencies are included.

£1.50 Banking Information Service 1991

1	2	3	4	SEN
		✓	✓	

0225c

Technology : Opening New Doors

A4 folder, 8 leaflets

Gleave, Brenda (ed.)

Case-studies showing evidence of the practical use of the BIS resource pack Financial Planning & Management of Design & Technology Projects. Includes information on the case study, the participants, and feedback from those involved.

£5.00 *Banking Information Service* 1991

1	2	3	4	SEN
		✓	✓	

00302

Understanding Banking

A4, 19 cards

Provides a source of information about a range of bank-related issues. Covers areas such as direct debit, standing orders, budgeting and credit cards. Photocopiable.

£2.50 *Banking Information Service* 1989

1	2	3	4	SEN
		✓	✓	

0207c

Understanding The City

A4, 9 laminated cards

Provides a convenient source of up-to-date information about a range of bank-related issues.

£2.00 *Banking Information Service* 1988

1	2	3	4	SEN
		✓	✓	

0205c

Understanding the History of Money & Banking

A4, 10 cards

A source of information about a range of bank-related issues. This set covers topics such as 20th century coins, money lenders, founding the Bank of England and the Bank of England today.

£3.00 *Banking Information Service* 1991

1	2	3	4	SEN
		✓	✓	

0209c

Your Business Plan

A4, 4pp

Guides students in the ways of good business housekeeping, suggests the need for professional advice, and the principles of sound financial management. Keywords are defined and highlighted. Includes a classroom handout for the teacher, to facilitate small group work, and provides the student with a personal source of reference material.

£4.03 *Banking Information Service* 1991

1	2	3	4	SEN
	✓	✓	✓	

0214c

Fishing Industry**Talking Fish**

16 min, video, A4, set of 20 spiral bound teachers' notes, 8 pupil cards, poster

Seafish Industry Authority (SFIA)

Pack aims to look at the subject of fish from a commercial, industrial and nutritional angle and includes pupil assignments.

£10.00 *SFIA* 1993

1	2	3	4	SEN
		✓	✓	

6126

Food & Drinks Industries

Design a Sandwich

A4, 16pp, b/w ills

Hinchliffe, K & Hird, G

The activities used in the project are wide-ranging and are developed to make use of local resources in terms of staffing, industrial help and materials. Similar projects in other establishments could be adapted to meet individual needs. Could also involve members of staff from other departments. Objectives are to design a new sandwich, and to work as a team.

£6.50 *SCIP* 1991 ISBN 1 872663 35 5

1	2	3	4	SEN
		✓		

00200

Finding out about Brewing Technology

A4, 27pp, ills

Down, Bill

A biology and general studies resource book for GCSE covering the history of brewing, malt, water, yeast, hops, beer, quality control, brewing in the future.

£4.50 *Hobsons Publishing plc* 1988 ISBN 1 853241 80 6

1	2	3	4	SEN
			✓	

7

From Farm to Doorstep: a Guide to Milk and Dairy Products

A4, col ills

Looks at the history and growth of the dairy industry.

£3.50 *National Dairy Council* 1992

1	2	3	4	SEN
			✓	

00458

Lyons Tetley Information Pack

A4 folder, pamphlet

Describes the history of Lyons Tetley and some of their factories. Also gives more general information on tea and coffee. It is updated regularly.

£0.00 *Lyons Tetley Ltd* 1993

1	2	3	4	SEN
		✓	✓	

00358

Making Dough: the Bakery Business

A4 plastic box, BBC; Archimedes

Computer package as a simulation of the operation of a small high street bakery shop. Photocopiable work cards.

£9.75 *Flour Advisory Bureau* 1989

1	2	3	4	SEN
		✓	✓	

03346

Milk and Beef

15 min, video, booklet

Looks at how milk is produced, transported and delivered. Also shows how a cow is able to produce the milk from grass. Includes beef cattle production and distribution.

£25.00 *National Dairy Council* 1993

1	2	3	4	SEN
	✓	✓	✓	

01430

Milk Business, The

A4, col & b/w ills, teachers' notes

Contains 6 assignments supported by pupil activities.

£7.00 *National Dairy Council* 1990

1	2	3	4	SEN
		✓	✓	

00435

Milk Can Story, The

15 min, video, A4, hardback folder, activity cards, teachers' guide

Aims to stimulate the investigation of new product development. The video chronicles the development of a current retail product called Milk Can. Photocopiable.

£17.53 *Milk Marketing Board* 1993

1	2	3	4	SEN
		✓	✓	

00541

Modern Cheesemaking

A2 poster, col ills

Large poster showing how cheese is made, the cheeses of England and Wales and healthy eating.

£1.50 *National Dairy Council* 1986

1	2	3	4	SEN
	✓	✓		

00411

Most Useful Science, The

61pp, ills

Information on chemical and biological science in the future's food industry. Looks at the chemistry and poetry of life, seeds and grains, milk, dairy products and eggs, meat and fruit and vegetables. Includes experiments such as viscosity of chocolate, titratable acidity of milk, and why an apple goes brown.

£3.50 *Thorburn Kirkpatrick* 1988 ISBN 0 947707 03 4

1	2	3	4	SEN
			✓	

00277

Our Food

Hardback, 78pp, col ills

Ottenheimer-Maquet, Laurence et al

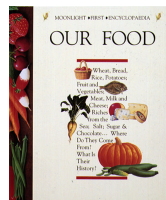
Looks at the food we eat and the processes it must go through before it reaches our table.

A very informative book with good illustrations and text. There is plenty of information for project work. The section on 'explore and play' is excellent. The book is thoughtful and stimulating.

£9.99 *Moonlight Publishing Ltd* 1992 ISBN 1 851031 26 X

1	2	3	4	SEN
	✓	✓		

04032

**Sandwich Sensations**

A4, 13pp, col ills

Introduces pupils to the D&T process through an exploration of the growing consumer demand for ready made sandwiches. Provides the opportunity to develop technological capability through handling a broad range of materials within a familiar context and to consider the commercial production of sandwiches by the food industry.

£0.00 *Meat and Livestock Commission* 1993

1	2	3	4	SEN
		✓	✓	

6538

Story of Cheese Making, The

Poster, col ills

Poster describing the story of cheese making from ancient times, farmhouse cheese and cheese factories.

£1.50 *National Dairy Council* 1986

1	2	3	4	SEN
✓	✓	✓		

00410

Technology: a Taste of Quality

A4 box, pupil & data sheets, teachers' notes

Designed to introduce pupils to the concept of quality and its importance to modern manufacturing and service organisations. Draws on the McDonald's context to show how the pursuit of quality is implemented.

£0.00 McDonald

1	2	3	4	SEN
			✓	

00191

United Biscuits

A4 folder, worksheets, col ill

Factual information concerning the company and its products.

£0.00 United Biscuits 1993

1	2	3	4	SEN
		✓	✓	

01483

What Shall We Eat Tonight ?

14 min, video

Introduction to industry-based product development shows a human need being identified and solved in a real life situation. All stages of the design process are shown clearly through the development of a new cut of meat suitable as the basis for healthy family meals. Produced by the Pork and Bacon Promotion Council.

A superb resource which is delivered in the form of a case study and could be used flexibly. It looks at marketing and the process of launching a new food product, in this case pork. It would be ideal to show an illustration of the importance of marketing, and also fits in with the food components of D & T. Well worth sending for.

£0.00 Meat and Livestock Commission 1992

1	2	3	4	SEN
		✓	✓	

00116

Health & Safety**Accidents will Happen**

19 min, video

Fabricius, Paul

Second in a series of six programmes made for the BBC which concentrate on failsafe systems in industry.

£0.00 Uden Associates 1991

1	2	3	4	SEN
			✓	

01447

Hotel Industry**Hospitality: a Resource Pack for Education Business Partnership**

A4 folder, cards, worksheets, video

Aims to assist the delivery of technology and the theme of economic and industrial understanding across the curriculum. Provides general guidance for hospitality employers and teachers with range of activities and support for specific projects. Includes sample toiletries and games and British Rail and hotel menus.

A well illustrated pack which contains a video, background material, teachers' notes and pupil worksheets. Contextually based around the hotel industry, the material is clearly presented and easy to use.

£20.00 Janet Jones Associates 1991

1	2	3	4	SEN
	✓	✓		

00038

Hotels

A4 pack, 158pp, col ill

Shepard, Tristram

Comprises a book of stimulus material on all aspects of the hotel business and a support pack of activities. Pupils are encouraged to evaluate past and present artefacts, systems and environments, to identify needs and opportunities, and to generate ideas for their own Design and Technology activity.

£32.50 *Stanley Thornes* 1992 ISBN 0 748712 54 2

1	2	3	4	SEN
		✓	✓	

00143

Hotels & Technology

A4, 48pp, b/w ill

Contains activities and text which are organised into sections which reflect the organisation of an hotel. Gives examples of design and make activities based on the hotel, front of house, housekeeping, catering and leisure and conference facilities.

A resource booklet which provides an insight into the catering industry and explains the different aspects of running a typical large hotel. A range of activities and ideas are included as starting points for designing. It could be used with the full range of areas contributing to developing capability in D&T.

£9.50 *SCSST/SATRO* 1993 ISBN 0 904214 31 1

1	2	3	4	SEN
		✓	✓	

00165

Industrial Design**Bauhaus Textiles: Women Artists and the Weaving Workshop**

Hardback, 808pp, col & b/w ill

Weltge, Sigrid Wortmann

Describes the history of Bauhaus Textiles and the implications of the fact that most of the designers were women. Examines the innovations and textiles produced until 1933 when the institute was closed by the Nazis. Shows archival photographic material.

Provides a history of the weaving workshops and their contribution to design in this century. This is a useful reference which is well supported by exemplars of fabric design.

£24.95 *Thames & Hudson* 1993 ISBN 0 500236 58 5

1	2	3	4	SEN
			✓	

02875

Christina Shannon Textile Designer

15 min, video, 24pp, booklet

Looks at the field of printed textile design and a designer's approach. Christina Shannon works as a freelance designer, selling her designs to manufacturers to be printed as fashion fabrics. Highlights the processes and techniques involved.

£28.00 *Design Council* 1985

1	2	3	4	SEN
		✓	✓	

102

Colour in Industrial Design

96pp, col ill

Russell, Dale

Discusses the role that colour takes in industrial design in case studies of several major companies, including Jaguar Cars and Rimmel International. Shows different approaches to the use and management of colour in the design of a variety of products.

£8.95 *Design Council* 1991 ISBN 0 850722 83 7

1	2	3	4	SEN
			✓	

01277

Design Processor

Archimedes

Provides a complete design environment to enable pupils to research, design, cost and produce a product. Includes 2D and 3D, room designer, logic simulator, PCB designer, sign-making and a parts list generator.

£900.00 Oak Solutions Ltd 1993

1	2	3	4	SEN
		✓	✓	

10183

Design : Your Future in Engineering

A4, 24pp

Booker, Peter

Using examples and illustrations from engineering it describes the nature of design, relates educational and industrial practices and describes the paths to becoming a designer in the engineering industries.

£2.50 Institute of Engineering Designers 1990

1	2	3	4	SEN
			✓	

00102

Directory of Designers

Hardback, 202pp

Alphabetical listing of designers within the categories of product design, engineering design, human factors, ergonomics, material specialists, graphics, exhibition design, fashion and textiles, and environmental design. Entries include address, telephone number, contact name and company size.

£29.95 Design Council 1991 ISBN 0 850722 95 0

1	2	3	4	SEN
	✓	✓		

6077

Edward Barnsley and his Workshop: Arts and Crafts in the Twentieth Century

Hardback, 208pp, ills

Carruthers, Annette

Describes Barnsley's background and early life, the workshop and business pre-war, the early furniture and clients, the post-war furniture and clients and the educational trust and the future.

£19.95 White Cockade 1992 ISBN 1 873487 00 2

1	2	3	4	SEN
		✓	✓	

00573

Engineering Design

25 min, video

Ringsted, Peter (ed.)

Design of the kettle from the initial design to the evaluation of ease of production and potential flaws, through to the manufacture and usage of the product. Includes testing for safety and the attractiveness of the design to consumers. Includes details of the design and production of a speedboat engine.

£99.00 BBC Educational 1981

1	2	3	4	SEN
			✓	

01387

Engineering Design Teaching Aids

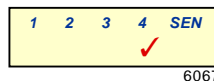
220pp, b/w ills

Ledsome, Colin

Covers the design relationship between a variety of different engineering activities and includes design exercises, design investigations, case studies, design analyses, design perspective and design management. Each category covers topics ranging from garden wheel-barrows and can-openers to critical path analysis, quarter-turn actuators and tolerances and weight control in product design.

There is a wealth of information and support for KS4 work in this book. It has tremendous technical content and suggests numerous meaningful and realistic design exercises and projects, particularly in 3D. Case studies feature a range of designs for folding structures, can openers and cork extractors. There is a selection of brief design exercises which provide a valuable source for ideas and although some of the investigations are well above KS4 students, the publication is a gold-mine of design information.

£9.95 Design Council 1987 ISBN 0 850721 93 8

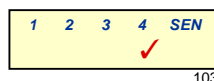
**Geraldine Clark Knitwear Designer**

Booklet, 40 slides

Follows Geraldine Clark as she works on designs for hand-knitted garments and explains the techniques involved. Shows each stage of the process, including choosing colours and yarns, and developing drawings, pattern specifications and knitted samples. Looks at her freelance work, and her range of clients.

This relates to a wider design audience than its title might suggest, and it would be a pity if it were to be classed as a 'girls only' resource. It outlines briefly some of the managerial skills required by designers and shows how complex decisions and design factors often underpin even the simplest garment. It will be useful in any 3-D design technology syllabus.

£26.50 Design Council 1987

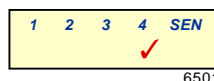
**Gordon Russell: Designer of Furniture 1892-1992**

144pp, col & b/w ills

Myerson, Jeremy

Describes Gordon Russell's career, designs and company from 1892-1992. Covers the transition from hand to machine production, and the changing styles from art and craft to modernism. Looks at Russell's influence on design education through his Directorship of the Design Council and as the founder of the Design Centre.

£16.95 Design Council 1992 ISBN 0 850723 06 X

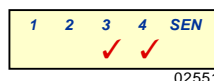
**Graphic Design Sourcebook**

Hardback, 192pp, col ills

McQuiston, Liz & Kitts, Barry

A decade by decade visual guide to graphic design. The designs of each period are broken down into packaging, posters, books and magazines, trademarks and logos, corporate identities and typography.

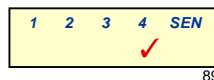
£16.95 Macdonald 1987 ISBN 0 356148 09 2

**Grundy & Northedge: Graphic Designers**

14 min, video, A4 booklet, 20pp

Shows how two young graphic designers approach their work, e.g. creating a new floor guide for the Victoria and Albert Museum. Highlights different aspects of the design process, from practical research to creative and organisational skills. Shows examples of three real life projects. Illustrated booklet looks at further aspects of graphic design, and traces the background of each designer.

£30.50 Design Council 1987 ISBN 0 850721 96 2



How to be a Successful Illustrator: a Practical Guide

A4, hardback, 93pp, col ills

Evans, Ray

Looks at all aspects of working as a freelance illustrator, setting up a studio, preparing a portfolio and finding commissions, charging, copyright, and presentation of rough and finished artwork, commercial illustration, cartoon and humorous work, editorial, magazine and book illustration, advertising work, calendars and Christmas cards.

£15.99 Batsford Ltd 1993 ISBN 0 713466 34 0

1	2	3	4	SEN
	✓	✓		

03154

Illustration

Hardback, 96pp, col ills

Squires, Vicky

Step-by-step guide to the illustrator's role to help the reader focus on achieving a successful outcome for every job.

£17.99 Batsford Ltd 1993 ISBN 0 713471 71 9

1	2	3	4	SEN
			✓	

6500

Images

48pp, col ills

Abley, Anne et al

Aims to help the pupil think about images and the way they are presented. It is divided into companies (looks at science of selling), displays (changes that have taken place in how products are designed and sold), packaging (now and in the past), and images (presentation and display). Each section has a number of topics plus tasks, hints and ideas for discussion.

The content covered in this publication could be used successfully in all areas of the D&T curriculum, and would enable pupils to achieve a more professional finish to projects and tasks. It could be used to stimulate work relating to new product development, particularly a mini enterprise. The language is appropriate for the KS3 pupil, and the layout is both attractive and clear. Any inexperienced teacher of D&T would find it particularly helpful.

£3.50 Oxford University Press 1991 ISBN 0 198327 82 X

1	2	3	4	SEN
		✓		

00190

**Industrial Design**

216pp, 180 b/w ills

Heskett, John

Aims to survey significant general trends in the history of industrial design, and conveys the plurality of the forces and influences that have shaped its forms and characterised its social role.

£6.95 Thames & Hudson 1980 ISBN 0 500201 81 1

1	2	3	4	SEN
			✓	

00704

International Magazine for Designers and their Clients, The

Journal, monthly

Williams, Gaynor (ed.)

Focuses on industrial design.

£45.00 Design Council ISBN 0 011 92 45

1	2	3	4	SEN
		✓	✓	

01000

Katharine Wykes: Ergonomist

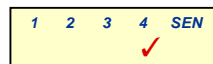
15 min, video, A4, 16pp

Matthews, Robert

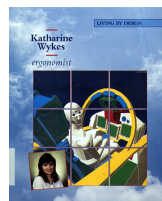
Covers the education, career and work of Katharine Wykes. Shows her approach to work and her business skills. Looks specifically at the designing of a cock-pit for the Experimental Aircraft Programme (CAP), its design and modelling etc. and how she approached the design problem.

This excellent pack is one of a series which introduces the work of professional designers. All of the packs are carefully structured and should help to generate discussion. The booklet discusses the development of a design philosophy for the cockpit of the Experimental Aircraft Programme.

£30.50 Design Council 1987 ISBN 0 850721 91 1



02989

**Ken Grange Product Designer**

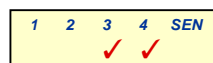
12 min, video, A4, 9pp

Coomes, David

Ken Grange is a partner in one of Britain's leading design consultancies, and the designer responsible for many products with familiar household names. Features the designer outlining his views on examples of successful product design and stresses the importance of adopting a flexible approach to design problems.

A very good insight into Grange's work (which includes the Intercity 125 train, the Kodak Instamatic and the Kenwood Chefette). It would be most appropriate to KS4 work, particularly to the subtler aspects of design work, and useful in design and communication and design realisation courses. It could also help develop the level of design awareness in pupils at KS3. The video provides an ideal lead-in to a lesson and will help stimulate design discussions.

£30.50 Design Council 1986 ISBN 0 850721 88 1



122

Layout Source Book, The

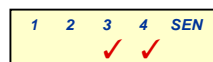
Hardback, 190pp, col ill

Swann, Alan

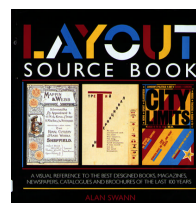
Looks at publications and designers that have shaped graphic design of the twentieth century. Explores the best of layout design across all print media, from books, magazines, catalogues and comics to brochures and flyers.

A historical perspective to printing illustration, from 1880 to the present day. There is plenty of useful material for KS4 students and many examples of 'good layout' with commentary. There is also a discussion about typeface, white space and the integration of graphics with text. It also gives interesting indications of the fashion of the period, as seen through advertisements.

£19.95 Phaidon Press 1990 ISBN 0 714826 46 4



01356

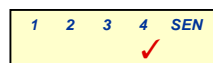
**Lucy Rowbotham: Optical Engineer**

15 min, video, A4, 16pp

Pipes, Alan & Burkitt, Alan

Looks at her background, her starting work in Cambridge Consultants Ltd, the setting up of the company and how it gets its work. Looks at Pandol and the development of the track system sensor. Includes follow-up activities.

£30.50 Design Council 1986 ISBN 0 850721 95 4



02990

New Guide to Graphic Design, The

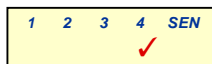
Hardback, 192pp, col ills

Cotton, Bob (ed.)

Looks at the work of leading graphic designers from a wide range of areas, including packaging, magazines, books and videos. Designers explain what they are looking for and why and how the work is chosen. Each section features a step-by-step case study, which follows a specific commission from the initial concept to final design.

As well as covering the basic principles and procedures, this book looks at the work of the professional through a series of case studies. Up to date and well illustrated, this book could form the basis of a graphics course at KS4.

£16.95 Phaidon Press 1990 ISBN 0 714826 27 8



00984

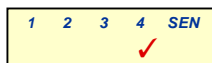
New Guide to Illustration, The

Hardback, 191pp, col ills

Simpson, Ian

Features the work of leading illustrators, case studies and information covering every field of working practice from advertising and packaging to computer generated imagery. Also covers key business basics.

£16.95 Phaidon Press 1990 ISBN 0 714826 28 6



01294

New Guide to Professional Illustration and Design

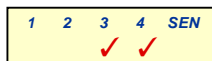
Hardback, 176pp, col ills

Jennings, Simon (ed.)

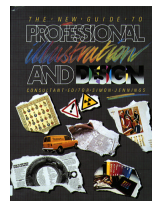
Reference guide to contemporary illustration and design, and an insight into the working methods and practices of illustrators and designers.

This book is a highly specialised guide to the working practices of the professional illustrator. It is divided into two sections, Illustration and Design. The first of these covers the application of the skill to commerce. It is a beautifully illustrated book (but so it should be!) and one which might spark many ideas.

£14.95 Headline 1987 ISBN 0 747200 45 9



06041

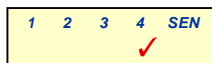
**Nick Butler Product Designer**

13 min, video, A4, 16pp

Farley, Sarah

An account of the design and development of a new television, showing Nick Butler's approach to his work, both as a product designer and the head of a design consultancy. Follows a basic project framework based on the consultancy's 10 stage programme for developing a finished design.

£30.50 Design Council 1986 ISBN 0 850723 17 5



118

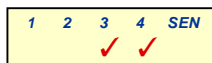
Pioneers of Modern Design

264pp, ills

Pevsner, Nikolaus

In this classic survey, Nikolaus Pevsner considers design in Britain from the Great Exhibition of 1851 to William Morris and the Arts and Crafts Movement, the state of painting in the 1890s, Art Nouveau, and Victorian engineering and architecture. All these form an essential background to the pioneers' rejection of ornament, use of new materials, commitment to 'utility' and the machine age.

£7.99 Penguin 1991 ISBN 0 140137 14 9



0234c

Product Design

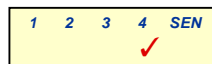
64pp, col ill

Atkinson, Stephanie & Mockford, Clive

Aims to describe and clarify the processes inherent in the design and development of products. Includes briefs and specifications, ideas and selections, presentation and reporting, and case studies.

This excellent book approaches its content in a mature and considered way which should appeal to its target readership at KS4. It is well balanced and offers valuable and relevant information and real-life case studies to illustrate particular practices. It stimulates further interest by providing suitable design briefs and activities. There is a good balance between text, sketches, photographs and assignments, and the layout is uncluttered.

£5.25 Oxford University Press 1991 ISBN 0 198327 84 6



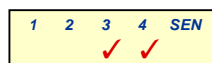
00187

**Product Design: Why Materials Matter**

20 min, video

The importance of making the correct material choice when designing new products is highlighted. The benefits of improving or developing new materials are conveyed with regard to products and commercial rewards. A case study of a cellular telephone company is included which covers its decision making processes and the lessons to learn from the design process. Produced with Kingston College.

£49.00 TV Choice 1989



01399

Product Modelling

A4, 64pp, col ill

Cottis, Jennifer

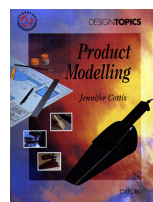
This is about one aspect of presentation which product designers use - models. The product modelled throughout this book is a battery-operated vacuum cleaner. Also includes general information on materials and methods.

This is an excellent step-by-step guide to product modelling. It contains good visuals of the design process with handy tips on how to produce realistic models from basic materials.

£5.25 Oxford University Press 1991 ISBN 0 198327 61 7



00179

**Simon Holyfield and Mike Hodson Engineering Designers**

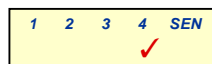
16 min, video, A4 folder, 17pp

Burkitt, Alan et al

This pack follows the design and development of an electronic dashboard display for the Lotus Esprit sports car, showing the processes involved in engineering design, and following the designers through the project. Looks at the development of the electronic hardware and computer software needed to generate graphic displays.

The video outlines the evolution of a fully electronic dashboard display for the Lotus Esprit sports car. The accompanying booklet promotes an analysis of a specific product's requirements. The resource would be very useful at the later stages of KS4 with pupils who have acquired a sound knowledge of electronic components and circuit design. Other pupils will still find the resource of interest and of value. It would also provide useful information for careers staff.

£30.50 Design Council 1987 ISBN 0 850723 18 3



94

Interior Design

Design and Decorate Your Room

64pp, col ills

Everett, Felicity & Woods, Paula

Ideas for interior design on a shoestring budget. Storage, multi-purpose rooms, lighting and colour schemes are covered, with step-by-step instructions on how to experiment with plans, models and decorating.

£4.95 *Usborne Publishing Ltd* 1989 ISBN 0 746004 38 9

1	2	3	4	SEN
			✓	

00906

Designing Kitchens

A4 folder, case study cards, col ills, Archimedes; RM Nimbus; IBM

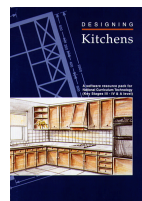
Aims to teach kitchen designing in relation to specific case studies. The computer program is designed to aid pupils in the planning and costing of a kitchen design. Worksheets provide activities and investigations to plan and test the designs.

A user-friendly pack designed for use at KS 3 & 4, although it could be used by pupils above and below that range. The program is quick to use, allows plans to be changed easily and generates 3-D views and print-outs. Worksheets provide guidance on drawing plans, testing the effectiveness of designs, presentation and costing. Five case studies are provided of groups of people with special needs.

£35.25 *British Gas Education* 1992

1	2	3	4	SEN
		✓	✓	✓

00174



Ethnic by Design

Hardback, 180pp, col ills

Hall, Dinah

A guide to how contemporary interior designers interpret ethnic style, examining styles from areas which have had a strong influence on designs worldwide. An international directory lists decorators, specialist outlets and mainstream sources for ethnic inspired artifacts and furnishings.

£19.99 *Mitchell Beazley* 1992 ISBN 1 857329 29 5

1	2	3	4	SEN
			✓	

00690

Kitchen Planner in Three-Dee

BBC; Archimedes; RM Nimbus

Boyd-Clarke, Marie & Pettit, Gwyneth

A package presenting the principles of kitchen design, illustrated in perspective. Includes safety, hygiene and efficiency assessments and design scoring adds an element of competition. Includes a print option.

£24.00 *Academic Software* 1986

1	2	3	4	SEN
		✓	✓	

10475

Kitchen Planning

A4, 12pp, col & b/w ills

Explains the basic principles of kitchen planning, storage, units and cookers. Also included is a squared page to plan a kitchen.

£0.00 *British Gas Education*

1	2	3	4	SEN
		✓		

00527

Paul Atkinson Furniture Designer

12 min, video, A4

Follows the processes involved in designing a commercial product, an adaptable seating system. Shows each stage of the process, client-designer meetings, market research, working drawings, full size prototypes, design for manufacture.

A sound insight into the decision-making processes - and the compromises reached - in the industrial and manufacturing sector. It is particularly effective in highlighting the importance of ergonomics and advocates the use of full-size prototypes. It promotes the notion that any time spent on modelling and prototyping is time well spent. A very balanced view of the many interrelated skills needed by modern designers.

£30.50 Design Council 1986

1	2	3	4	SEN
			✓	

120

Story of Western Furniture, The

253pp, b/w ills

Oates, Phyllis Bennett

Chronicles the development of western furniture from Ancient Egypt, Greece and Rome to modern days. Illustrates social and economic effects on styles and design.

This is a comprehensive review of the history of furniture design, from early civilisation to the present day. The text is detailed and well supported by clear graphic illustrations and an extensive index.

£10.95 Herbert Press 1993 ISBN 1 871569 59 1

1	2	3	4	SEN
		✓	✓	

02934

Marketing**Coca-Cola Information Pack**

A4, 5 cards, col ills

Information cards on the marketing of coca-cola and on recycling and litter in the environment.

£0.00 Coca-Cola, Great Britain

1	2	3	4	SEN
		✓	✓	

00280

Consulting the Community

Box, 2 booklets; RM Nimbus; IBM

Students using this package become involved in a complex network of relationships as they plan the consultation process which precedes the submission of a planning application for a new gas terminal. The student assumes the role of an environmental planning officer, working with a computerised budget planner to help schedule consultations and complete the process on time and within budget.

£25.00 British Gas Education 1991

1	2	3	4	SEN
			✓	

00148

Design and Marketing

Hardback, 144pp, col ills

Swann, Alan

A study of the elements of design and their use in formulating a wide range of styles. Presents the work in progress of a selection of graphic designers and 8 case studies showing how to approach a design brief.

£14.95 Phaidon Press 1990 ISBN 0 714826 47 2

1	2	3	4	SEN
			✓	

00584

On Target

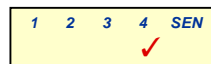
Hardback, ringbound, cards, col ill

Dransfield, Robert & Needham, David

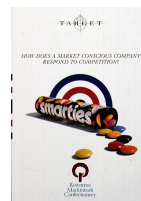
Presents a selection of case studies from organisations seen as effective in the areas of marketing and recruitment. Looks at the careers and branch leadership in the organisations.

This is a unique resource with contributions from companies describing their approach to marketing well-known products. As an insight into marketing approaches it is invaluable and takes much of the guesswork out of covering aspects of marketing. These real life examples are usually difficult to obtain and bring alive products which are familiar and exciting for pupils. Some of the case studies focus on careers, providing a flavour of employment opportunities.

£10.00 Michael Benn Publishing 1992 ISBN 1 853920 93 2



03233

**Product Analysis and Evaluation**

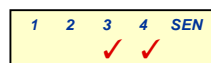
28 slides, booklet

Toon, Ian

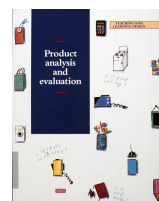
This study pack helps students to develop a critical appreciation of both consumer products and their own design work. Uses each product to illustrate a particular evaluation criterion. Shows how students can apply their own list of specific evaluation criteria to a chosen product. Includes student task sheets with topics for follow-up work. Suitable for a wide age range, but especially 13-14 years.

This pack offers two different commentaries for the colour slides and considers familiar products which pupils are likely to have first-hand experience of, such as vacuum cleaners, kettles and can openers. The text is clear and easy to read and the task sheet, student questionnaire and consumer advice report are especially useful. The pack will help teachers to develop a framework of general and specific evaluation criteria, particularly useful for 3-D projects at KS4.

£18.50 Design Council 1988 ISBN 0 850723 63 4



07002

**Style in Product Design**

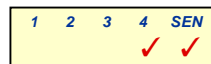
82pp, col ill

Vickers, Graham

Looks at the use of 'style' as a marketing tool using case studies such as the Sony Walkman. Describes the development of style through history, its cultural and national context, special needs, etc.

This publication successfully clarifies 'style' within a broader design context and features a number of carefully selected examples. It has a short but effective guide to the evolution of national styles in Germany, the USA, Italy and Japan. It also covers designing for special needs groups and is clearly laid out. A useful guide for staff with little detailed knowledge of design theory, it would also be useful for CDT teachers who wish to expand their knowledge of design.

£9.95 Design Council 1990 ISBN 0 850722 77 2



01425

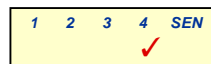
Wolff Olins Guide to Corporate Identity, The

80pp, col ill

Olins, Wally

Provides a description of corporate identity: what it is, when and how it should be monitored. Aims to draw parallels between companies and schools as they develop a corporate image of design and technology in the curriculum.

£8.95 Design Council 1990 ISBN 0 850722 60 8



113

Metals Industry

Aluminium Foil Containers: Food Packaging for the Nineties

A4, 20pp, col ill

Describes the aluminium industry in the UK, the production of aluminium containers, the environment and the market for aluminium containers.

£0.00 *Aluminium Foil Container* 1990

1	2	3	4	SEN
		✓	✓	

00355

Canny Design, A

A4 folder, 41pp, b/w ill

Allows teachers to use the design, manufacture, sale, and recycling of a tin can in a technology context. Focuses on the inter-relationships of the user, retailer, manufacturer, producer and supplier of raw materials. Primarily intended to suggest pupil activities. Published in association with British Steel

A very good resource for 12-13-year-olds and support material for KS3 & 4. The booklet has good ideas for developmental work.

£25.50 *SCSST/SATRO* 1992 ISBN 0 904214 11 7

1	2	3	4	SEN
		✓	✓	

00532

Industrial Museum

Kelham Island, Alma Street, Sheffield, S3 8RY

Visit: *Telephone no. (0742) 722106*

Features the development of the iron and steel industry and includes crafts workshops.

1	2	3	4	SEN
		✓	✓	✓

01406

Ironbridge Gorge Museum

Ironbridge, Telford, Shropshire, TE8 7AW

Visit: *Telephone no. (0952) 433522*

Comprises 6 sites over 6 square miles. Includes a recreated Victorian town, the Iron Bridge, the Museum of Iron, the Coalport China Museum, the Jackfield Tile Museum, and the Museum of the River Severn. Teaching materials are available.

1	2	3	4	SEN
	✓	✓	✓	

01385

Lead: a General Introduction

A4, 12pp, col ill

Describes lead, its sources and production, recycling, the history of lead use, lead-acid batteries and other modern uses.

£0.00 *Lead Development Association* 1993

1	2	3	4	SEN
	✓	✓	✓	

00328

Lead and our Environment

A4, 16pp, col ill

Aims to describe the problems associated with lead and the positive contributions it makes to society. Outlines what lead is used for today, the effects it may have on health, controls employed in industry, why some uses have been discontinued, modern protective uses and the benefits achieved from recycling.

£0.00 *Lead Development Association* 1993

1	2	3	4	SEN
	✓	✓	✓	

00330

Making Steel

16pp, ills

Examines the blast furnace, an introduction to steel making, basic oxygen steel making, the electric arc process, secondary steel making, the ladle arc process, and casting. Complemented by Shaping Steel booklet and by a 19 min video.

A clearly written and well illustrated booklet which gives a detailed description of the making of iron and steel. The diagrams are easily understood and there are many colourful photographs. Short, simple and interesting, it is ideal for providing background information about materials.

£5.00 British Steel 1992



01389

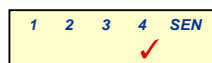
**Rolling**

25 min, video

Ringsted, Peter (ed.)

Explores the rolling of steel and the varieties of steel produced from rolling, including shaping and toughening.

£99.00 BBC Educational 1981



01393

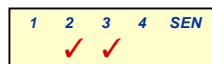
Rural Blacksmith, Rural Businessman: Making and Selling Metal Goods in Malawi

A4 plastic wallet pack, 32pp case study sheets, b/w ills, 30 slides

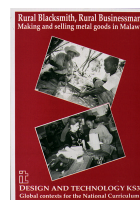
Looks at the life of people in Malawi, with particular reference to the business side of blacksmith work, using intermediate technology. Examines technology made and used. Includes 'strategies and guidelines', notes on introducing appropriate technology into the activities and a pupil project.

With 30 slides, a case study of a rural blacksmith and a profile of Malawi, this contains plenty of information to enable pupils to consider values and appropriateness in D&T in this foreign context. Focusing on designing and making a system of air supply for a forge, activities across the curriculum, cross-referenced to the Technology ATs and PoS. The advice on using the materials is essential reading.

£22.50 Intermediate Technology 1991 ISBN 1 853390 94 1



02639

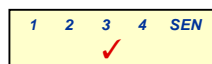
**Shaping Steel**

A4, 16pp, col ills

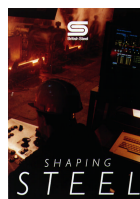
Shows various methods of shaping steel. Complemented by Making Steel and by a 19 min video with the same title.

This is a well illustrated booklet which explains in a clear and interesting manner, the shaping of steel by various forms of rolling. With colourful diagrams and photographs, it provides good background reading to encourage appreciation of industrial processes.

£0.00 British Steel 1992



02593



Siting an Aluminium Plant

BBC; RM Nimbus

Thomson, Miles et al

Considers some of the issues to be taken into account when planning the siting and production targets of an aluminium smelting plant.

£26.95 AVP Computing 1986

1	2	3	4	SEN
			✓	

10510

Steel

A4, 16pp, ills, teachers' notes

A look at the history of the steel industry, its growth, the use of technology, modern applications and its role in the economy. The full title is Steel: Resource Material for National Curriculum Technology Key Stages 3 and 4 and it was originally produced by British Steel. Photocopiable.

A clear and concise booklet with an excellent selection of examples and good use of photographs. It is pitched at a level that most pupils would find easy to read and assimilate. Offering excellent display material, it also has an effective layout and use of colour.

£3.00 Hobsons Publishing plc 1993 ISBN 1 853245 82 8

1	2	3	4	SEN
		✓	✓	

02595

Steel

Hardback, 32pp, col ills

Langley, Andrew

Extensive coverage of steel manufacture from iron ore, including 'molten products' use.

£7.50 Wayland 1992 ISBN 0 750203 24 2

1	2	3	4	SEN
		✓	✓	

01171

Steel Products & Applications

A4 folder, assignment cards, b/w ills, teachers' notes

Aims to place steel and its production in a design and technology related context.

A good modular course pack with design and make tasks in the form of simple laboratory experiments with straws, paper and card. The pupil materials are well laid out, informative and easy to read. A useful resource for both individual and group exercises, particularly when covering construction materials and their mechanical properties.

£3.00 British Steel 1986

1	2	3	4	SEN
		✓	✓	

00171

Steel: Solutions in Technology

A4, 16pp, col ills, teachers' notes

Ryan, Michael & Deeson, Eric

Illustrates applications with examples such as a sports stadium, cycling bridge, community school and yacht are just some examples taken to illustrate the applications of steel. Takes students through the steel industry's technology from iron ore to the stainless steel teaspoon.

£3.50 Hobsons Publishing plc 1992 ISBN 1 853245 82 8

1	2	3	4	SEN
		✓	✓	

7511

Steel Story, The

19 min, video, 10pp, col ills

Examines the process of steel production methods and looks at what elements go into making various types of steel for different purposes. Shows these compositions and how they vary, using bar charts. Includes questions and notes in booklet.

£5.00 British Steel 1992

1	2	3	4	SEN
		✓	✓	

01369

Motor Industry

Ford Motor Company

Factory Tours, Dagenham, Essex, RM9 6SA

Visit: Telephone no. 081 648 4544

Tours to study design, engineering, ergonomics, safety and manufacturing systems.

1	2	3	4	SEN
		✓	✓	

01379

History of the Oil Engine

34 min, video

The history of the oil engine is examined, looking at different types of engine, from the first invention through to the early sixties.

£14.38 Shell Education Service 1961

1	2	3	4	SEN
			✓	

6114

Motor Vehicle in Society, The

A4, folder, 15 booklets, Archimedes; RM Nimbus; IBM

Divided into 3 sections: Economics and Business Studies, Scientific and Technological Development, and Environmental Issues. The units in each of these sections carry illustrated stimulus material and activities for students' work. The full title is *The Motor Vehicle in Society: a Study Pack* for Economics, Science, Technology and Environmental Education for 14-16 Year Old Students.

£17.50 Society of Motor Manufacturers 1993

1	2	3	4	SEN
			✓	

00091

New Car

Hardback, 32pp, col ills

Petty, Kate

Shows how a car is planned, designed and built, from the first computerised sketch to the finished car in the showroom.

£6.99 A & C Black 1991 ISBN 0 713634 84 7

1	2	3	4	SEN
	✓	✓		

00833

Packaging Industry

Packaging

A4, hardback, 48pp, col ills

Battersby, Jeff

Aims to encourage pupils to increase their knowledge of, and explore their attitudes to packaging. There is a mix of photographs, illustrations, practical activities and discussion, which should allow pupils to learn for themselves and form their own opinions.

This provides general information that underpins different aspects of the packaging industry. It is useful as a resource for pupils undertaking design studies and those looking for ideas to support a design project. Each section contains ideas for activities and project work. It is a very good reference book on the industry and manufacturing of packaging.

£8.99 Franklin Watts 1990 ISBN 0 749603 26 7

1	2	3	4	SEN
			✓	

01064

Packaging Design

98pp, col ill

Milton, Howard

Shows how the brief, market research and consumer response can influence design. Elements such as colour and typography can give a product impact and visual identity. Shows how a brand's identity can be enhanced by understanding the value of consistency in design and how packaging systems and innovations can be developed whilst preserving our natural resources and the environment.

£8.95 *Design Council* 1989 ISBN 0 850722 80 2

1	2	3	4	SEN
			✓	

01166

Packaging Design: an Introduction

224pp

Roth, Lazlo

Looks at the basic concepts of package design from a designer's point of view. Explores paper, plastic, glass, flexible packaging and cans.

£23.50 *Van Nostrand Reinhold* 1989 ISBN 0 442318 63 4

1	2	3	4	SEN
			✓	

01268

Packaging Source Book

Hardback, 92pp, col ill

Opie, Robert

A pictorial guide to packaging design from 1880 to the present day. The definitive packs of every era are set in their historical and design context. Highlights the innovations made in packaging.

This offers support material for pupils undertaking design studies. Teachers will also find it helpful both as a reference work and as a source for ideas or project material. The graphics within the material could also be a useful source of ideas and inspiration for pupils building up design folios.

£20.00 *Macdonald* 1989 ISBN 0 356176 65 7

1	2	3	4	SEN
			✓	

00806

Paint Industry**Gold Brush - Paint's Green Revolution**

52 min, video

Equinox explores how advanced technology can produce a bewildering array of applications for this basic product, now coming under attack from the green lobby. Explores paint's future in a green market-place.

£25.85 *Academy Television* 1990

1	2	3	4	SEN
		✓	✓	

0122c

Paper Industry**Making Paper**

Hardback, 32pp, col ill

Thomson, Ruth

Looks at how paper is made, from trees to the paper mill, and provides a section on facts about paper.

£6.99 *Franklin Watts* 1987 ISBN 0 863135 70 6

1	2	3	4	SEN
		✓		

00608

Paper Bag Game, The

A4, 8pp

Moth, Janet

Game in which paper bags are made to produce income. Raises issues of employment, security and justice.

This is a fun activity which covers the identification of needs, planning, making and evaluating. It also raises issues of economics and the environment, and awareness of the range of living for other cultures. It works well as a one-off activity for pupils at KS 2 and 3.

£0.50 *Christian Aid* 1989

1	2	3	4	SEN
	✓	✓		

04041

Paper Matters: Today's Paper & Board Industry Unfolded

A4, 152pp, col ill

Lines, Clifford & Booth, Graham

Resource book designed to help secondary schools deliver the cross-curricular theme of Economic and Industrial Understanding. It uses paper, one of the most accessible and familiar commodities in schools, as the medium.

£15.35 *Paper Publications* 1990 ISBN 1 873079 00 1

1	2	3	4	SEN
		✓	✓	

02816

Production**Alarmco: Business Simulation Game**

BBC; RML; RM Nimbus; IBM

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, such as varying the number of workers, overheads, or amount spent on advertising.

£16.00 *SPA Ltd* 1987

1	2	3	4	SEN
		✓	✓	

10402

Body Natural, The

A4, 32pp, b/w ill

Davies, Louise et al

Provides structured tasks which lead to designing and making body products.

£12.50 *Technopacks* 1993

1	2	3	4	SEN
	✓	✓		

6134

Comanex

IBM

ACF Consultants Ltd

A simulation of a manufacturing company.

£25.00 *Public Sector Software Ltd* 1981

1	2	3	4	SEN
			✓	

10173

Engineering

Journal, monthly

Pye, Andy (ed.)

For innovators in technology, manufacturing and management.

£3.50 *Design Council* ISBN 0 013778 2

1	2	3	4	SEN
		✓	✓	

01036

Factory

Macintosh; IBM

Wings for learning

Children can use the Factory to design and build their own assembly line using a selection of animated tools. There are 3 levels, colour graphics, animation and sound effects, which combine to give children insights into sequencing, planning, reflection, rotation and symmetry.

£44.95 Tag Developments Ltd 1993

1	2	3	4	SEN
✓	✓	✓	✓	

10324

Factory of the Future

20 min, video

Considers the historical background of automation in factories and the way forward, concentrating on a human-centred approach in which technology becomes a means for bringing together design, production, management and machine operation.

£59.90 TV Choice 1987

1	2	3	4	SEN
		✓	✓	

03274

Food Technology Investigations

A4 ringbinder, workcards, slides, ills

Fifteen investigations track the development of a new food product, from research of the potential market to final production. Recipe cards, slides of factory layouts and workcards on surveys and food evaluations are used for the required tasks.

This resource of photocopiable leaflets and a set of slides would be useful for a whole-group project, although some pupils with low ability might need help with some sheets. It offers helpful guidance for pupils in how to extract information from leaflets and charts.

£10.50 Boots Co. plc 1993

1	2	3	4	SEN
		✓	✓	

6514

Good Manufacturing

25 min, video

Examines the principles of manufacturing, including the firm's sense of purpose, planning and control, and performance measuring and processes. Includes case study material and interviews with companies. A booklet includes a synopsis, a video transcript, questions and discussion topics.

£59.90 TV Choice 1986

1	2	3	4	SEN
		✓	✓	

01431

How Things are Made

Hardback, 24pp, col ills

Brooks, Felicity

Explains how everyday objects were developed, how the lead gets into pencils, how paper money is printed and how a tin of paint is made. The manufacturing processes are explained using cartoon characters and illustrations.

£3.25 Usborne Publishing Ltd 1989 ISBN 0 746002 77 7

1	2	3	4	SEN
✓	✓	✓		

03001

ISMIS Resource Pack, The

A4 folder, ringbound, cards, col & b/w ills, 11 min, video

The Industrial Simulation and Modelling In Schools pack aims to replicate the processes involved in business and industry. It concentrates on industrial & technological education to help pupils apply practical skills. It provides problem-solving projects with support material to develop interpersonal skills and leadership qualities. It contains useful charts and includes a 1993 Supplement.

£20.00 ORT Trust 1991

1	2	3	4	SEN
		✓	✓	

00097

Manufacturing Industry

A4, hardback, 48pp, col illus

Kerrod, Robin

Investigates how processed raw materials are transformed into useful products. Contents include production, working with metals, the chemical industry, food and drugs, pulp and paper, textiles, transport, and electronics.

£8.50 *Wayland* 1990 ISBN 0 750200 22 7

1	2	3	4	SEN
		✓	✓	

00745

Production Line

BBC; Archimedes; RM Nimbus; IBM

Aims to promote understanding of the processes and decision making involved in making things in a commercial environment. Program uses the clothing industry as an example of the basic concepts of design, marketing, and production.

£25.00 *COIC Software* 1985

1	2	3	4	SEN
			✓	

10500

Workers and Machines

BBC; RM Nimbus; Archimedes

Murley, Tony et al

A production line simulation in which the student allocates workers between three separate stages in the production of supermarket trolleys in a factory to achieve a smooth production flow. It introduces students to typical production problems, and the social and economic effects of new technology.

£32.50 *King's College* 1983

1	2	3	4	SEN
			✓	

10524

Project Management**CA-Superproject**

IBM

A project, resource and cost management system available for DOS or Windows.

£124.95 *CA Computer Associates* 1984

1	2	3	4	SEN
			✓	

10240

Costsys: Job Costing System

BBC; RM Nimbus; IBM

Spencer, K A

Enables teachers or pupils to cost and list materials used.

£45.00 *KAS Software*

1	2	3	4	SEN
		✓	✓	

10082

Financial Planning & Management of Design & Technology Projects

60 min, video, resource cards, teachers' notes, BBC; RM Nimbus; IBM

Gleave, Brenda & Allman, Geoff

Aims to encourage economic awareness across the curriculum and to prepare pupils for the world of work in teams as well as by themselves. Offers pupils a financial dimension to design, with specimen proformas which are suitable for photocopying.

An excellent multi-media package which combines an excellent video program, which is split into six parts. These are best watched separately, allowing time for discussion or follow up work in between. Could be used as a 'trigger' for major Design and Technology project work.

£51.25 *Banking Information Service* 1988

1	2	3	4	SEN
			✓	

00034

Micro Planner

IBM; Macintosh

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 and file transfer capabilities including conversion of MacProject files.

£199.00 *Micro Planning International Ltd* 1985

1	2	3	4	SEN
			✓	

10020

Total Control

20 min, video, booklet

The film defines project management, the role of computers and the advantages of employing technology. Organisations are considered to highlight the need to apply project management to all business activities and industrial work. The emphasis is on maximum efficiency and the constraints of budget, time and specification. Booklet includes a synopsis, transcript, questions and discussion.

£59.90 *TV Choice* 1991

1	2	3	4	SEN
		✓	✓	

01439

You Want it When?

20 min, video

Case study on the need for a flexible and realistic method of planning and scheduling office work, providing a demonstration of how computer-based project management can benefit the workload of staff. A booklet includes a synopsis, a video transcript, questions and role play exercises.

£59.90 *TV Choice* 1991

1	2	3	4	SEN
		✓	✓	

01430

Publishing Industry**Book Publishing**

Hardback, 48pp, col ills

Knight, Julia

Aims to encourage a critical awareness of the impact of the media on society with chapters on the history of publishing, the novel, and non-fiction publishing.

£7.99 *Wayland* 1988 ISBN 1 852102 39 X

1	2	3	4	SEN
		✓	✓	

01088

Electronic Page Design

200pp

Gosney, Michael & Dayton, Jinnea

Introduces designers and illustrators to the technology of the electronic page layout medium. Combines information on effective design principles and electronic page layout.

£19.95 *Prentice Hall* 1990 ISBN 0 132482 79 7

1	2	3	4	SEN
			✓	

00932

How a Book is Made

A4 plastic resealable bag, sheets, poster

Two main sections include a role playing game where pupils assess a publishing project and decide whether a book should be published, and a section which follows a book through its various stages from an idea to a finished copy. Photocopiable worksheets.

A helpful insight into how a book is made, which could form the basis of a class activity supporting 'Book Week' or a language day. It offers useful starting points for group activity, systems and business/industry type projects.

£12.99 *Puffin* 1991 ISBN 0 140347 42 9

1	2	3	4	SEN
	✓	✓		

03041

Teen Magazines

Hardback, 32pp, col ill

Merrison, Tim

Based on interviews with the people involved, this book looks behind the scenes of teen magazines and suggests possible careers in the industry. It explores the varying roles of the writers, editors, illustrators and designers.

£7.50 Wayland 1990 ISBN 1 852107 10 3

1	2	3	4	SEN
		✓		

01160

Retail Industry**Food and Textiles Pack**

8pp, b/w ill

Includes 'Spinning a Yarn' pamphlet which explains how M & S maintain their 16 per cent of the UK clothing market. Follows through the buying team, merchandiser, technologist, supplier, manufacture and marketing of their clothes. Provides career ideas plus ideas for following up the information in the booklet.

£0.00 Marks & Spencer 1991

1	2	3	4	SEN
		✓	✓	

00339

Markets

98pp, b/w ill

Huggett, Renee

Introduction to the world of modern markets, ranging from car boot sales to the new aerial markets of satellites, television and the instant communication of data. Describes the recent changes in British markets, how Europe affects our markets, how demand and supply work, how transport, communication and technology affect markets, and who controls and regulates them.

£5.50 Macmillan Education 1990 ISBN 0 333524 95 0

1	2	3	4	SEN
			✓	

00713

Marks and Spencer Company Information Pack

8pp, b/w ill

Explains how Marks & Spencer have an ongoing programme of expansion and modernisation, how sites are acquired, planning, building, fitting out and stocking of new stores. Includes career information plus ideas for further research based on the booklet.

£0.00 Marks & Spencer 1991

1	2	3	4	SEN
	✓	✓	✓	

00338

Peter Golding Fashion Designer

12 min, video, booklet

Gives fashion and textiles students an insight into industry. Follows Darlajane Gilroy's design and the production of a collection, showing the creative processes and business skills needed to run a retail outlet and design company. Shows each stage of design and manufacture. Suitable for fashion and textiles students, but also of interest to business studies, marketing and manufacturing students.

£30.50 Design Council

1	2	3	4	SEN
			✓	

104

Sainsbury's Study Pack: a Day in the Life

A4, wallet

Typed sheets looking at a day in the life of Sainsbury's employees, from advertising executive to accountant, from baker to buyer. A glossary is included.

£0.00 Sainsbury, J 1992

1	2	3	4	SEN
		✓	✓	

00480

Tesco Promise, The

20 min, video, teachers' notes

Berry, Chris & Smith, Paul

Examines Tesco's retail store design and packaging design. Considers consumer behaviour, corporate image, changes in technology and lifestyles.

£25.00 City Poly Media Services 1990

1	2	3	4	SEN
		✓	✓	

01433

Textiles Industry**Curriculum Resource Pack: the Clothing Industry**

A4 ringbound, 99pp

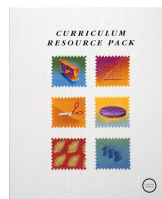
A resource pack on the clothing industry divided into curriculum sections covering production, marketing, fabrics, history and statistics.

An excellent resource which focuses on the clothing industry. It is full of facts and presented in a very ordered manner. The teacher's notes are clear and the student activities give specific objectives together with a list of useful resources. The pack also includes a list of further publications and useful addresses. Although designed for students in Years 10 and 11 it could be adapted for use with older or younger pupils. A valuable resource, highly recommended.

£0.00 Capth Trust 1993

1	2	3	4	SEN
		✓	✓	

7001

**Textiles for People**

209pp, col & b/w ills

Wilkinson, Maureen

Designed to help pupils develop the skills of decision making and problem solving.

£9.50 Longman 1988 ISBN 0 582224 76 4

1	2	3	4	SEN
			✓	

02774

Trading with Textiles

A4 wallet, resource cards, A1 wallchart, teachers' checklist

Pack designed to help Home Economics teachers who use textiles and fabrics as materials to meet the attainment targets of Design & Technology. It provides a guide to the design, planning, making and marketing of a finished garment.

A rich selection of materials to support pupils in planning, making and marketing a design in textiles for sale at home and abroad. It contains plenty of facts and points to consider, a useful glossary, sources of information and relevant references to the National Curriculum.

£6.50 Banking Information Service 1991

1	2	3	4	SEN
		✓	✓	

0227c

Toy Industry**Letts Guide to Collecting Twentieth Century Toys, The**

A4, hardback, 96pp, col ills

Opie, James

A guide to collecting 20th century toys for pleasure and profit, and to trading in today's highly competitive market.

£12.95 Letts (Charles) and Co. Ltd 1991 ISBN 1 852381 29 9

1	2	3	4	SEN
✓	✓	✓		

00805

Transport Industry

Aeronautics

Series of 3 books, 128pp, b/w ills

Aims to give a view of flight and aircraft through the eyes of designers and engineers who make the aircraft, the engineers and technicians who maintain them and the aircrew who operate them. Includes balloons and kites, aircraft structures, the helicopter and design characteristics. There is a pupil's book, a teacher's guide and a set of five workbooks. The price quoted is for the full set.

£29.00 Longman 1988 ISBN 0 050037 88 9

1	2	3	4	SEN
			✓	

00389

Design Pack

Pack, poster, set of bookmarks, Rail Model card kit set, ills

Aimed specifically at students studying Craft, Design and Technology or any course in graphic and industrial design, the pack contains a variety of items to help explain the role that design plays in the running of British Rail. A comprehensive illustrated booklet traces the history of railway design through to the present policy on corporate identity.

£10.95 British Rail 1988

1	2	3	4	SEN
		✓	✓	

0177c

Roads

BBC

Anlon, J et al

Designed for use with small groups of children. Four programs concerned with planning, building and using roads covering oil deliveries, loads, the bypass and black spots.

£29.95 Fernleaf Educational Software Ltd 1987

1	2	3	4	SEN
	✓	✓	✓	

10503

Transportation

20 min, video

This video uses street interviews to identify some of the questions that designers should ask when tackling the needs of people travelling. Produced by Kent Educational Television and The Resource Base.

£36.42 Kent Educational Television 1990

1	2	3	4	SEN
		✓	✓	

0247c

Travel, Terminals and Technology

A4 folder, booklet, 50pp, b/w ills

Focuses on design of a transport terminal including consideration of environmental issues and different human and business needs such as comfort of travel, the need for entertainment and food, and the need for marketing. Video supports activities within the text which require an understanding of size, scale and operation of the terminal. Produced in conjunction with Eurotunnel.

£34.50 SCSS/SATRO 1992 ISBN 0 904214 80 X

1	2	3	4	SEN
	✓	✓		

00449

Trouble on the Line

52 min, video

Railways are an integrated national transport system for the movement of people and goods. British Rail is required to make a profit, yet unlike other industries it is not permitted by government to invest to create markets. The tensions between environmentally sound public service, business necessity and political dictate are about to collide.

£25.85 Academy Television 1991

1	2	3	4	SEN
		✓	✓	

0119c

Twenty First Century Jet

52 min, video

The Boeing 777 is the largest and most complex aircraft to be designed entirely electronically, using a new computer design system called CATIA. The programme tells the story of its design and construction and this programme is part of a four-year observational study following the 777 through until the first proposed fare-paying passenger flight in 1995.

£25.85 *Academy Television* 1993

1	2	3	4	SEN
		✓	✓	

0131c

Waste Management**Domestic Waste and Industrial Pollutants**

Hardback, 32pp, col ill

Johnstone, Hugh

Looks at the environmental problems arising from domestic waste and industry, discusses some possible solutions to the problems.

£8.50 *Gloucester Press* 1990 ISBN 0 749601 25 6

1	2	3	4	SEN
	✓	✓		

6076

Facts on Nirex: the Disposal of Radioactive Waste

11 fact sheets, col ill

Series of fact sheets explaining all about Nirex, radioactivity and the handling of radioactive waste.

£0.00 *UK Nirex Ltd* 1992

1	2	3	4	SEN
			✓	

00424

Finding out about Waste Management

Hardback, 48pp, col ill

Harris, Colin & Bickerstaffe, Jane

Devised to encourage students to increase their knowledge of, and explore their attitudes to, waste management. Provides a series of projects or tasks to allow students to learn and form their own opinions on this topic.

£8.95 *Franklin Watts* 1991 ISBN 0 749605 02 2

1	2	3	4	SEN
	✓	✓		

00697

Nuclear Waste Disposal

Hardback, 32pp, col ill

Hare, Tony

Looks at nuclear waste disposal from an environmental point of view. Explains nuclear energy, radioactivity and waste disposal.

£7.99 *Franklin Watts* 1990 ISBN 0 749604 42 5

1	2	3	4	SEN
	✓	✓		

02661

Recycling

Hardback, 32pp, col ill

Bright, Michael

Looks at the problems facing the environment caused by waste disposal. Explains the reasons for recycling, and different kinds of waste.

£6.99 *Franklin Watts* 1991 ISBN 0 749606 85 1

1	2	3	4	SEN
	✓	✓		

02663

Recycling Glass

Hardback, 32pp, col ill

Condon, Judith

Looks at the environmental problems which result from the manufacture and disposal of glass. Suggestions for further activities, reading and useful addresses are included.

£7.99 *Franklin Watts* 1990 ISBN 0 749601 52 3

1	2	3	4	SEN
	✓	✓		

02669

Recycling Matters

A4 folder, 5 double sided cards, teachers' notes, b/w ills

Designed to make pupils aware of green issues. Covers background information on waste and recycling, and suggests activities such as designing posters to encourage people to recycle. Bibliography.

£0.00 *Steel Can Recycling Bureau* 1993

1	2	3	4	SEN
	✓	✓		

01406

Recycling : Right Up Your Street

A4 leaflet, A1 col poster

Background information for teachers, and project ideas for recycling.

£5.00 *Friends Of The Earth* 1991

1	2	3	4	SEN
	✓	✓		

01364

Safe for the Future: Radioactive Waste Educational Project for the 14-19 Curriculum

A4 folder, col ills

Scott, W A H

Pack deals with the issue of the safe disposal of radioactive waste material and includes a set of five cards providing an introduction to the issue.

£0.00 *UK Nirex Ltd.* 1992

1	2	3	4	SEN
			✓	

00341

Technology of Radioactive Waste Disposal, The

A4 binder, 48pp, charts, ills

Aims to introduce pupils to radioactive waste and its disposal, and highlights the safety measures taken when dealing with radioactive matter. Looks at transport, safety, packaging and information. Includes activities.

£36.50 *SCSST/SATRO* 1993 ISBN 0 904214 76 1

1	2	3	4	SEN
		✓	✓	

6005

Toxic Waste

Hardback, 32pp, col ills

Spence, Margaret

Looks at some different types of toxic waste and at their dangers. Glossary.

£6.99 *Gloucester Press* 1992 ISBN 0 749607 44 0

1	2	3	4	SEN
	✓	✓		

03102

Waste and Recycling

Hardback, 48pp, col ills

James, Barbara

Examines the issue of waste - how it is generated, and the problems linked with its disposal. Provides ideas about what pupils can do to help.

£7.95 *Wayland* 1989 ISBN 1 852106 97 2

1	2	3	4	SEN
	✓	✓		

02666

Waste and Recycling

32pp, col ills

Taylor, Barbara

Looks at where waste comes from, how we get rid of it and how we recycle some of our rubbish to make new things. Provides suggestions for things to do.

£3.50 *A & C Black* 1993 ISBN 0 713638 09 5

1	2	3	4	SEN
	✓	✓		

02614

Waste Disposal and Recycling

Hardback, 36pp, col ill

Becklake, Sue

Looks at the threat to the environment caused by waste and looks at some alternatives to waste disposal and recycling. Glossary.

£8.50 *Franklin Watts* 1991 ISBN 0 749605 52 9

1	2	3	4	SEN
	✓	✓		

02670

What a Load of Rubbish!

32pp, col ill

Skidmore, Steve

Tackles the problem of waste in society. It dissects the contents of a dustbin and examines the options for waste disposal and recycling. Includes ideas for recycling activities and aims to appeal to children through cartoons, jokes and activities.

This is an easy-to-read book on a very specific subject - the recycling of waste - and therefore although very good, would only be useful when working on that subject. Its presentation is lively and would appeal to pupils at the upper end of KS2 and lower KS3.

£3.99 *Cassell* 1991 ISBN 0 304325 29 5

1	2	3	4	SEN
	✓	✓		

6078

Water Industry**Fresh Water (Waterworks)**

15 min, video

Considers the treatment and purification of water and how it is managed for recreation and pleasure.

£34.50 *Granada TV* 1990

1	2	3	4	SEN
✓	✓	✓	✓	

01414

Kew Bridge Steam Museum

Green Dragon Lane, Brentford, Middlesex, TW8 0EN

Visit: Telephone no. 081 568 4757

Five Cornish beam engines housed in a Victorian waterworks. Working models and teaching resources are also provided.

1	2	3	4	SEN
✓	✓	✓	✓	✓

01389

The Good Technology Guide

PUBLISHERS AND SUPPLIERS

3T Productions,

Chapel Studio, 47/49 Waterloo Road, Stockport, Cheshire SK1 3BJ (061 476 5553)

4mation Educational Resources,

14 Castle Park Road, Whiddon Valley, Barnstable, Devon EX32 8PA (0271 253553)

A Bushell *see under* Bushell, A

A & C Black *see under* Black, A & C

Abbeville Press *see under* Murray, John

Academic Software,

Sourby Old Farm, Timple, West Yorkshire LS21 2PW (0943 880628)

Academy Television,

104 Kirkstall Road, Leeds, West Yorkshire LS3 1JS (0532 461528)

Ace Computing,

27 Victoria Road, Cambridge CB4 3BW (0223 322559)

Adams, John Trading Company Ltd,

32 Milton Park, Milton, Abingdon, Oxfordshire OX14 4RT (0235 833066)

Advertising Association,

15 Wilton Road, London SW1V 1LT (071 828 4831)

Advisory Unit for Microtechnology in Education,

Wheathampstead Education Centre, Butterfield Road, Wheathampstead, Hertfordshire AL4 8PY (0582 830274)

Almberg Films *see under* DS Ltd

Alphabooks Ltd,

35 Bedford Row, London WC1R 4JH (071 242 0946)

Aluminium Can Recycling Association,

I-Mex House, 52 Blucher Street, Birmingham, West Midlands B1 1QU (021 633 4656 / 0800 444222)

Aluminium Foil Container Manufacturers Association,

18-22 Disney Place, London SE1 1HS (071 403 8123)

Angelsoft Educational Resources,

35 Heol Nant, Swiss Valley, Llanelli, Dyfed SA14 8EN (0554 776845)

Anvil Film & Recording Group Ltd,

Denham Studios, North Orbital Road, Denham, Middlesex UB9 5HH (0895 833522)

Apple Press Ltd,

The Old Brewery, 6 Blundell Street, London N7 9BH (071 700 6700)

April Training Executive Ltd,

Chestnut Farm, Tarvin Road, Frodsham, Cheshire WA6 6XN (0928 735868)

Argus Books,

Argus House, Boundary Way, Hemel Hempstead, Hertfordshire HP2 7ST (0442 66551)

Arnold, Edward (Publishers) Ltd,

Mill Road, Dunton Green, Sevenoaks, Kent TN13 2YA (0732 450111)

Arrow Books Ltd,

Random House, 20 Vauxhall Bridge Road, London, SW1V 2SA (071 973 9700)

Ashleigh Curriculum Centre,

9 Cross O'Cliff Hill, Lincoln LN5 8PN (0522 544713)

Association for Science Education,

College Lane, Hatfield, Hertfordshire AL10 3AA (0707 267411)

Atlantic Europe Publishing Co. Ltd,

86 Peppard Road, Sonning Common, Reading RG4 9RP (0734 723751)

Aurora Educational Software,

5 Hawkwood Mount, Springfield, London E5 9EQ (081 806 1752)

Autographics Sales Ltd,

120 Clay Road, Toye, Downpatrick, County Down BT30 9TN (0342 822828)

AVP Computing,

School Hill Centre, Chepstow, Gwent NP6 5PH (0291 625439)

AVS, University of Leeds,
Leeds, West Yorkshire LS2 9JT (0532 332661)

AWBES (Allinson Wholemeal Bread Education Service),
Sunblest House, Fairfield Avenue, Staines, Middlesex TW18 4BA (0784 451366)

B & S Publications,
3 Crescent Terrace, Cheltenham, Gloucestershire GL50 3PE (0242 510760)

Bailey Film Associates (BFA) see under DS Ltd

Bank of England,
Threadneedle Street, London EC2R 8AH (071 601 4878)

Banking Information Service (BIS),
Education and Careers Department, 10 Lombard Street, London EC3V 9AT (071 626 8486)

Batsford Ltd,
4 Fitzhardinge Street, London W1H 0AH (071 486 8484)

BBC Educational Developments,
White City, 201 Wood Lane, London W12 7TS (081 746 1111)

Bedford Editions see under Salamander Books Ltd

Belitha Press,
31 Newington Green, London NW16 9PU (071 241 5566)

Benn, Michael & Associates,
PO Box 5, Wetherby, West Yorkshire LS23 7EH (0937 844515)

Berol Ltd,
Berol House, Oldmedow Road, King's Lynn, Norfolk PE30 4JR (0553 761221)

Beverley Electronics,
Unit 1, Avonside Road, Avonside Industrial Estate, Bristol BS2 0UQ (0272 724102)

Biblios Publishers' Distribution Service Ltd,
Star Road, Partridge Green, West Sussex RH13 8LD (0403 710971)

Billington, Edward (Sugar) Ltd,
Cunard Building, Liverpool L3 1EL (051 236 2265)

BIS see under Banking Information Service

Black, A & C (Publishers) Ltd,
35 Bedford Row, London WC1R 4JH (071 242 0946)

Blackie see under Nelson, Thomas

Blandford Press,
Villers House, 41/47 Strand, London WC2N 5JE (071 839 4900)

Bloomsbury Publishing Ltd,
2 Soho Square, London W1V 5DE (071 494 2111)

BNFL see under British Nuclear Fuels plc

Book Data Ltd,
Northumberland House, 2 King Street, Twickenham, Middlesex TW1 3RZ (081 892 2272)

Bookpoint Ltd,
39 Milton Park, Abingdon, Oxfordshire OX14 4TD (0235 835001)

Boots Health and Nutrition Advice Centre,
The Boots Co. plc, Freepost, Nottingham NG2 3AA (0602 495382)

Boxford Ltd,
Wheatley, Halifax HX3 5AF (0422 358311)

Boxtree Ltd,
2nd Floor, Broadwall House, 21 Broadwall, London SE1 9PL (071 928 9696)

BP Educational Service,
PO Box 934, Poole, Dorset BH17 7BR (0202 669940)

Bradford Technology Ltd,
Business and Innovation Centre, Angel Way, Listerhills, Bradford BD7 1BX (0274 841347)

Brian Trodd see under Trodd, Brian

Bright Books Ltd,
Carpenters, Moor End, Great Sampford, Saffron Walden, Essex CB10 2RQ (0799 86576)

British Adhesives and Sealants Association,
33 Fellowes Way, Stevenage, Hertfordshire SG2 8BW (0438 358514)

British Agrochemicals Association,
4 Lincoln Court, Lincoln Road, Peterborough, Cambridge PE1 2RP (0733 349225)

British Cement Association,
Wexham Springs, Slough, Berkshire SL3 6PL (0753 662727)

British Chicken Information Service,
126-128 Cromwell Road, London SW7 4ET (071 373 7716)

British Educational Suppliers Association,
20 Beaufort Court, Admirals Way, London E14 9XL (071 537 4997)

British Films see under DS Ltd

British Gas Education,
Education Liaison Officer, PO Box 70, Wetherby, West Yorkshire LS23 7EH (0937 843141)

British Museum Press,
46 Bloomsbury Street, London WC1B 3QQ (071 323 1234)

British Nuclear Forum,
22 Buckingham Gate, London SW1E 6LB (071 828 0116)

British Nuclear Fuels plc,
BNFL Education Unit, Risley, Warrington, Cheshire WA3 6AS (0925 835453)

British Rail,
Room 118 Euston House, PO Box 100, 24 Eversholt Street, London NW1 1DS (071 928 5151)

British Standards Institution *see under* BSI Standards

British Steel,
Central Training Services, Ashbourne Hill Management College, Leamington Spa, Warwickshire CV33 9OW (0926 488000)

British Telecommunications plc,
BT Centre, 81 Newgate Street, London EC1A 7AG (071 356 5000)

Broadcast Books,
4 Cotham Vale, Bristol BS6 6HR (0272 732010)

BSI Standards,
Linford Wood, Milton Keynes, Buckinghamshire MK14 6LE (0908 220022)

Bushell, A
Opal Cottage, Colby Road, Baningham, Norwich NR11 7DY (0263 733294)

Butterworth-Heinemann Ltd, *see also under* Heinemann

Linacre House, Jordan Hill, Oxford OX2 8DP (0865 310366)

C R Clarke & Co. (UK) Ltd *see under* Clarke, C R & Co. Ltd

CA Computer Associates Ltd,
Computer Associates House, 183-187 Bath Road, Slough, Berkshire SL1 4AA (0753 577733)

Cadbury Ltd,
External Services Department, Po Box 12, Bournville, Birmingham B30 2LU (021 458 2000)

Cambridge Microtech,
Westmead, 28 Anstey Way, St Ives, Huntingdon PE17 4FN (0480 466141)

Cambridge University Press,
The Edinburgh Building, Shaftesbury Road, Cambridge CB2 2RU (0223 312393)

Cambridgeshire Software House,
The Computer Centre, 8 Bramley Road, St Ives, Cambridgeshire PE17 4WS (0480 467945)

Capedia Ltd,
Harford Centre, Hall Road, Norwich, Norfolk NR4 6DG (0603 259900)

CAPITB Trust,
80 Richardshaw Lane, Pudsey, Leeds LS28 6BN (0532 393355)

Capsela *see under* Tridias

Capsoft Computer Services,
8 Old Gate Avenue, Weston on Trent, Derbyshire DE72 2BZ (0332 690691)

CarnaudMetalbox UK Ltd,
Woodside, Perry Wood Walk, Worcester WR5 1EQ (0905 354444)

Cassell plc,
Villiers House, 41/47 Strand, London WC2N 5JE (071 839 4900)

Causeway Press Ltd,
PO Box 13, 48 Southport Road, Ormskirk, Lancashire L39 5HP (0695 576048)

Cement and Concrete Association *see under* British Cement Association

Centre for Alternative Technology,
Machynlleth, Powys SY20 9AZ (0654 703743)

Centre for Multicultural Education,
Rushymead, Harrison Road, Leicester LE4 6RB (0533 665451)

Century Publishing Co. Ltd,
Random House, 20 Vauxhall Bridge Road, London SW1V 2SA (071 973 9670)

Chalksoft Ltd,
PO Box 49, Spalding, Lincolnshire PE11 1NZ (0775 769518)

Chemical Industry Education Centre,
University of York, Heslington, York YO1 5DD (0904 432523)

Cherrytree Press Ltd,
Windsor Bridge Road, Bath BA2 3AX (0225 335336)

Chiltern Consortium,
Hertfordshire School Library Service, New Barnfield, Travellers Lane, Hatfield AL10 8XG (0707 281630)

Christian Aid,
Head Office, 35 Lower Marsh, London SE1 7RG (071 620 4444)

Chrogem Designs,
8 Loxwood Close, Orpington, Kent BR5 4PQ (0689 870758)

CITB (Construction Industry Training Board) Publications,
Bircham Newton, Kings Lynn, Norfolk PE31 6RH (0533 776677)

City Poly Media Services *see under* London Guildhall University,
City Technology Colleges Trust,
 15 Young Street, London W8 5EH (071 376 2511)
Clares Micro Supplies,
 98 Middlewich Road, Rudheath, Northwich, Cheshire CW9 7DA (0606 48511)
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Cloverleaf *see under* Evans Brothers Ltd
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 Pemberton House, Wrights Lane, London W8 5SN (071 873 0808)
COIC (Careers and Occupational Information Centre),
 PO Box 348, Bristol BS99 7FE (0272 777179)
Collier Macmillan Ltd *see under* Marston Book Services Ltd,
Collins & Brown,
 Mercury House, 195 Knightsbridge, London SW7 1RE (071 584 2002)
Collins Educational,
 HarperCollins Publishers Ltd, 77/85 Fulham Palace Road, London W6 8JB (081 741 7070)
Columbia Metals Ltd,
 Columbia House, 19-21 High Street, Earls Barton, Northampton NN6 0JG (0604 810191)
Commonwealth Institute,
 Kensington High Street, London W8 6NQ (071 603 4535)
Commotion,
 Unit 11, Tannery Road, Tonbridge, Kent TN9 1RF (0732 773399)
Community Service Volunteers,
 237 Pentonville Road, London N1 9NJ (071 278 6601)
Computer Tutorial Services Ltd,
 17 Market Hill, Cowes, Isle of Wight PO31 7TR (0983 294333)
Computers Unlimited,
 2 The Business Centre, Colindeep Lane, London NW9 6DU (081 200 8282)
Constable & Co. Ltd,
 3 The Lanchesters, 162 Fulham Palace Road, London W6 9ER (081 741 3663)
Consumers' Association,
 2 Marylebone Road, London NW1 4DF (071 486 5544)
Crabtree Publishing Company,
 73 Lime Walk, Headington, Oxford OX3 7AD (0865 750079)
Curriculum Council for Wales,
 Castle Buildings, Womanby Street, Cardiff CF1 9SX (0222 344946)
CWDE Software (Centre for World Development Education),
 1 Catton Street, London WC1R 4AB (071 831 3844)
DAB Computing,
 49 Draycott Avenue, Kenton, Middlesex HA3 0BL (081 907 9933)
DATA (Design and Technology Association),
 16 Wellesbourne House, Walton Road, Wellesbourne, Warwickshire CV35 9JB (0789 470007)
Data Design,
 The Business & Innovation Centre, Innovation Way, Barnsley, South Yorkshire S75 1JL (0226 249590)
Data Store Software,
 6 Chatterton Road, Bromley, Kent BR2 9QN (081 460 8991)
Design Council,
 28 Haymarket, London SW1Y 4SU (071 839 8000)
Design Press *see under* McGraw-Hill
Desktop Projects Ltd,
 Heapriding Business Park, Ford Street, Stockport, Cheshire SK3 0BT (061 474 0778)
Digital Images,
 64 Leigh Road, Walsall, West Midlands WS4 2DS (0922 21725)
Disabled Living Foundation,
 380-384 Harrow Road, London W9 2HU (071 289 6111)
Disney Software,
 Infograms Ltd, 14 Smedley Street, Clapham, London SW4 6PF (071 738 8199)
Domark Ltd,
 Ferry House, 51-57 Lacy Road, Putney, London SW15 1PR (081 780 2222)
Dorling Kindersley Publishers Ltd,
 9 Henrietta Street, London WC2E 8PS (071 836 5411)
Dover Publications *see under* Constable & Co
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 High Street, Limpsfield, Oxted, Surrey RH8 0DY (0883 715044)
Drawmouse Software,
 161 Maidstone Road, Rochester, Kent ME1 1SF (0634 818331)

Dryad Press,
4 Fitzhardinge Street, London W1H 0AH (071 486 8484)

DS Ltd,
Arts Building, Normal College (Top Site), Siliwen Road, Bangor LL57 2DZ (0345 581467)

Ebury Press,
Random House, 20 Vauxhall Bridge Road, London SW1V 2SA (071 973 9690)

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Epic House, Darnall Road, Attercliffe, Sheffield S9 5AA (0742 561122)

Educational Electronics,
Woburn Lodge, Waterloo Road, Linslade, Leighton Buzzard, Bedfordshire LU7 7NR (0525 373666)

Educational Horizons *see under* DS Ltd

Educational Media Film and Video Ltd,
235 Imperial Drive, Rayners Lane, Harrow, Middlesex HA2 7HE (081 868 1908)

Edusoft Computer Systems,
Lodge Hill, Sevens Road, Cannock Wood, Rugeley, Staffordshire WS15 4RX (0543 676939)

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Edward Billington (Sugar) Ltd *see under* Billington, Edward (Sugar) Ltd

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Labtec Street, Swinton, Manchester M27 2SE (061 793 9333)

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Electricity Council *see under* Electricity Association

Emerald Publishing,
166 Shelford Road, Cambridge CB2 2NE (0223 840138)

Emmerich (BERLON) Ltd,
Wotton Road, Ashford, Kent TN23 2JY (0233 622684)

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PO Box 43, London SE19 2PN (081 653 6708)

Engineering Council,
10 Maltravers Street, London WC2R 3ER (071 240 7891)

Esso UK plc,
Public Affairs Department, Mailpoint 512, Esso House, Victoria Street, London SW16 5JW (071 245 2243)

Evans Brothers Ltd,
2A Portman Mansions, Chiltern Street, London W1M 1LE (071 935 7160)

EVC *see under* ICI plc

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54 Catherine's House, 20 Plymouth Road, Tavistock, Devon PL19 8AY (0822 613868)

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3 Queen Square, London, WC1N 3AV (071 465 0045)

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4 John Street, London WC1N 2ET (071 405 2237)

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Fernleaf House, 31 Old Road West, Gravesend, Kent DA11 0LH (0474 359037)

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21 Arlington Street, London SW1A 1RN (071 493 6786)

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72 West End Road, High Wycombe, Buckinghamshire HP11 2QQ (0494 471137)

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126-128 Cromwell Road, London SW7 4ET (071 373 7716)

Fyffes Group Ireland Ltd,
The Ramparts, Dundalk, Ireland (0001 42 35451)

G A Herdman Educational Software *see under* Herdman, G A

Gabro Ltd,
Hilton Road, Cobbs Wood Industrial Estate, Ashford, Kent TN23 2UN (0233 628976)

Garland Computing,
35 Dean Hill, Plymouth, Devon PL9 9AF (0752 401287)

Gazelle Book Services Ltd,
Falcon House, Queen Square, Lancaster LA1 1RN (0524 68765)

GFA Data Media (UK) Ltd,
Box 121, Wokingham, Berkshire RG11 1FA (0734 794941)

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96 Leonard Street, London EC2A 4RH (071 739 2929)

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Lewisham Way, London SE14 6WW (081 692 7171)

Granada TV,
Granada House, Amphil Road, Bedford MK42 9QQ (0234 355233)

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Creative Books International, PO Box 349, Lowland Industrial Estate, Vale, Guernsey (0481 48181)

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Harmsworth Publications Ltd,
10 Sheet Street, Windsor, Berkshire SL4 1BG (0753 856061)

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Headline House, 79 Great Titchfield Street, London W1P 7FN (071 631 1687)

Health & Safety Executive *see under* HSE Books

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Unit 8, North Crescent, Diplocks Way, Hailsham, East Sussex BN27 3JI (0323 442440)

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Halley Court, Jordan Hill, Oxford OX2 8EJ (0865 311366)

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15-17 Huntsworth Mews, London NW1 6DD (071 402 2272)

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46 Northchurch Road, London N1 4EJ (071 254 4379)

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Appletree Cottage, Crossways Road, Grayshot, Hindhead, Surrey GU26 6HE (0428 604573)

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P.O. Box 276, London SW8 5DT (071 873 9090)

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Hills Road, Cambridge CB2 2PH (0223 411141)

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Admin House, The Grange, Hospital Lane, Mickleover, Derby DE3 5DR (0332 512848)

Hoover Education Service,
126-128 Cromwell Road, London SW7 4ET (071 373 7716)

HSE Books (Health and Safety Executive),
Accounts Dept. P.O. Box 1999, Sudbury, Suffolk CO10 6FS (0787 881165)

Hutchinson Educational *see under* Thornes, Stanley

IAC/Human Interfaces,
9 Hill End, Frosterly, County Durham DL13 2SX (0388 527190)

ICEM *see under* DS Limited

ICI plc,
Norton House, Crown Gate, Runcorn, Cheshire WA7 2UX (0928 714482)

IEE (Institution of Electrical Engineers),
Michael Faraday House, Six Hills Way, Stevenage, Hertfordshire SG1 2AY (0438 313311)

ILECC,
John Ruskin Street, London SE5 0PQ (071 735 9123)

Imago Training Ltd,
 Pentagon House, 52 Castle Street, Trowbridge, Wiltshire BA14 8AU (0225 777681)

IMP Workstations,
 4 Southdown Close, Brixham, Devon TQ5 0AQ (0803 857296)

Information Education Ltd,
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Institute of Engineering Designers,
 Courtleigh, Westbury Leigh, Westbury, Wiltshire BA13 3TA (0373 822801)

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 Shelf Mills, Shelf, Halifax, Yorkshire HX3 7PA (0274 676261)

Intergraph (UK) Ltd,
 Delta Business Park, Great Western Way, Swindon, Wiltshire SN5 7XP (0793 619999)

Intermediate Technology,
 Education Office, Myson House, Railway Terrace, Rugby, Warwickshire CV21 3HT (0788 560631)

International Labour Office *see under* TV Choice

J Sainsbury plc *see under* Sainsbury, J

J Whitaker & Sons Ltd *see under* Whitaker, J & Sons Ltd

Janet Jones Associates Ltd,
 Queens Building, Kidderpore Avenue, London NW3 7ST (071 794 0649)

John Adams Trading Company Ltd *see under* Adams, John

John Murray *see under* Murray, John

Jolly & Barber *see under* Post Office Education Service

KAS Software,
 74 Dovers Park, Bathford, Bath, Avon BA1 7UE (0225 858464)

Kent Educational Television *see under* Resource Base

Kimberly-Clark *see under* Kleenex Education Service

King Alfred's College Computer Education Centre,
 78 Christchurch Road, Winchester, Hampshire SO23 9TE (0962 862099)

King, Lawrence,
 71 Great Russell Street, London WC1B 3BN (071 831 6351)

King's College *see under* AVP

Kingfisher Books,
 Elsley House, 24-30 Great Titchfield Street, London W1P 7AD (071 631 0878)

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 126-128 Cromwell Road, London SW7 4YY (071 373 7716)

Kogan Page Ltd,
 120 Pentonville Road, London N1 9JH (071 278 0433)

L King *see under* King, Lawrence

Lavis Marketing,
 73 Lime Walk, Headington, Oxfordshire OX3 7AD (0865 67575)

Lead Development Association,
 42 Weymouth Street, London W1N 3LQ (071 499 8422)

Leen Valley Associates,
 36 Trevor Road, West Bridgford, Nottingham NG2 6FT (0602 231428)

LEGO Dacta (Educational Division),
 LEGO UK Ltd, Ruthin Road, Wrexham, Clwyd LL13 7TQ (0978 290900)

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 Parkgate Road, London SW11 4NQ (071 407 8891)

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 Aldine House, Aldine Place, London W12 8AW (081 740 1111)

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 Lever House, 3 St James's Road, Kingston upon Thames, Surrey KT1 2BA (081 541 8496)

Lincolnshire County Council *see under* Ashleigh Curriculum Centre

Linear Supplies,
 Unit 39, Mochdue Industrial Estate, Newtown, Powys SY16 4LE (0686 629292)

Lingenuity,
 Wood Farm, Linstead Magna, Halesworth, Suffolk IP19 0DU (098 685477)

Lions *see under* HarperCollins

Little, Brown & Co. Ltd,
 165 Great Dover Street, London SE1 4YA (071 334 4800)

Locktronics *see under* Beverley Electronics Ltd

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 124 Cambridge Science Park, Milton Road, Cambridge CB4 8ZS (0223 425558)

London Emblem plc,
 Emblem House, Blenheim Road, Longmead Industrial Estate, Epsom, Surrey KT19 9AP (0372 745433)

London Guildhall University,
 Old Castle Street, London E1 7NT (071 320 1000)

Longman Group Ltd,
Longman House, Burnt Mill, Harlow, Essex CM20 2JE (0279 426721)

Longman Logotron *see under* Logotron

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325 Oldfield Lane, North Greenford, Middlesex UB6 0AZ (081 578 2345)

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McDougall's Home Baking Advisory Service,
McDougall House, Imperial Way, Worton Grange, Reading, Berkshire RG2 0QW (0734 875383)

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McGraw Hill House, Shoppenhangers Road, Maidenhead, Berkshire SL5 2QL (0628 23432)

Macmillan Education Ltd,
Brunel Road, Houndmills, Basingstoke, Hampshire RG21 2XS (0256 29242)

MAFF (Ministry of Agriculture, Fisheries and Food),
Food Sense, London SE99 7TT (081 694 8862)

Mandarin,
Michelin House, 81 Fulham Road, London SW3 6RB (071 581 9393)

Mantra Publishing Ltd,
5 Alexandra Grove, London N12 8NU (081 445 5123)

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Matt Black,
PO Box 42, Peterborough, Cambridgeshire PE1 2TZ (0733 315439)

Meat and Livestock Commission,
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245 Western Avenue, Cardiff CF5 2YX (0222 571217)

MEWsoft,
11 Cressy Road, Hampstead, London NW3 2NB (071 267 2642)

Michael Benn & Associates *see under* Benn, Michael & Associates

Micro Planning International Ltd,
34 High Street, Bristol BS9 3DZ (0272 509417)

Micro Studio Ltd,
22 Churchgate Street, Soham, Ely, Cambridgeshire CB7 5DS (0353 720433)

Micrografx Ltd,
Grafx House, Forsyth Road, Woking, Surrey GU21 5RS (0483 747526)

Milk Marketing Board,
Nutrition and Education Department, Thames Ditton, Surrey KT7 0EL (081 398 4101)

Minerva Software *see under* Mandarin

Ministry of Agriculture Fisheries and Food *see under* MAFF

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Multicultural Education,
County INSET Centre, Witard Road, Norwich NR7 9XD (0603 33276)

Murray, John (Publishers) Ltd,
50 Albemarle Street, London W1X 4BD (071 493 4361)

NATHE,
Hamilton House, Mabledon Place, London WC1H 9BJ (071 387 1441)

National Audio Visual Library,
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(0345 581467)

National Curriculum Council *see under* SCAA (Schools Curriculum and Assessment Authority)

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National Grid Co. plc,
National Grid House, Kirby Corner Road, Coventry, Warwickshire CV4 8JY (0203 537777)

National Rivers Authority,
Rivers House, Waterside Drive, Aztec West, Almondsbury, Bristol BS12 4UD (0454 624400)

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NCET (National Council for Educational Technology),
Milburn Hill Road, Science Park, Coventry, Warwickshire CV4 7JJ (0203 416994)

Nelson, Thomas & Sons Ltd,
Nelson House, Mayfield Road, Walton-on-Thames, Surrey KT12 5PL (0932 252211)

NEMEC Publications,
University Of Southampton, Southampton SO9 5NH (0703 558379)

NERC (Natural Environment Research Council),
Polaris House, North Star Avenue, Swindon SN2 1EU (0793 40101)

NES Arnold Nottingham Group Ltd,
Ludlow Hill Road, West Bridgford, Nottingham NG2 6HD (0602 452200)

Network Educational Press Ltd,
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New Holland Publishers Ltd,
37 Connaught Street, London W2 2AZ (071 258 0204)

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Northern Ireland Electricity plc,
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OCLC Europe Inc,
Tricorn House, 51-53 Hagley Road, Edgbaston, Birmingham B16 8TP (021 456 4656)

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Open University Press,
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Orchard Books,
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ORT Trust,
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Oxford University Press,
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Oxfordshire Health Authority,
Manor House, off Headley Way, Headington, Oxfordshire OX3 9DZ (0865 741741)

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Cavaye Place, London SW10 9PG (071 373 6070)

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Pascal Associates *see under* DS Ltd

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Penguin Books Ltd,
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Pergamon Press plc,
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Phobox Electronics,
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Polyhedron Software Ltd,
Linden House, 93 High Street, Standlake, Witney, Oxfordshire OX8 7RH (0865 300579)

Porteous, David,
PO Box 5, Chudleigh, Newton Abbot, Devon TQ13 0YZ (0626 853310)

Porters Primary Software,
138a Harvey Clough Road, Sheffield S8 8PG (0742 582878)

Post Office Education Service,
PO Box 145, Sittingbourne, Kent ME10 1NH (0795 426465)

Prentice Hall,
Campus 400, Maylands Avenue, Hemel Hempstead, Hertfordshire, HP2 7EZ (0442 881900)

Primary Workstations,
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Puffin Books,
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Quarto Publishing *see under* Biblos Publishers Distribution Service Ltd

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