

DESIGN & TECHNOLOGY 2012

www.oxfordsecondary.co.uk/design



Flexible and highly adaptable GCSE resources that enable you to keep pace with change

Flexible D & T provides resources in an easy-to-edit format specifically designed to keep up with the constantly changing field of Design and Technology.

Each Teacher File and CD-ROM provides everything you need for the AQA specification in a VLE compatible format.

- All material in an **editable** format so you can easily adapt or update it in any way you want
- Includes **Controlled Assessment support**, mini-projects, and focused practical tasks
- **Exemplar projects** annotated with detailed examiner's notes show exactly how to achieve the best grade
- All resources based on **relevant, real-world examples** which will motivate your students
- Emphasis on developing **practical skills**
- Fully endorsed by the Design and Technology Association



14-16

Ordering

Food Technology	978 185 008433 4£170
Resistant Materials	978 185 008430 3£170
Textiles Technology	978 185 008431 0£170
Graphic Products	978 185 008432 7£170
Site licence included with CD-ROMs		

Food Tables and Labelling

Invaluable for students of all levels studying any subject that involves nutrition and food science. Covers over 800 fresh and processed foods and drinks.

Ordering

978 019 832814 8 £15.50



Design and Realization: A Manual for GCSE

Examines the aesthetic, practical, and technological implications of design to help develop original and practical solutions to problems.

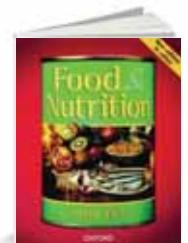
Ordering

978 019 832732 5 £21.99



Food and Nutrition

One of the most popular GCSE Home Economics textbooks ever published, this text covers the GCSE syllabuses in Home Economics, Food Technology, and GNVQ Health and Social Care and Hospitality and Catering.



'Every Home Economics classroom should have a copy of this book' Modus

'Concise and easy to use for any ability, yet provides the detail necessary for attaining the highest grade' Amazon review

Ordering

978 019 832766 0 £17.50

Specials!

Instant copiable lessons

+CD

Customizable resources for students with lower level literacy skills

With simple text, but a more mature format and content, each *Specials!* book and CD-ROM pack gives your students **a feeling of success in their work**, whilst ensuring **full access** to the D&T curriculum.

Includes photocopiable activity sheets, interesting and stimulating visuals, detailed teacher pages, support material, assessment, and links to the National Curriculum.

Ordering

Textiles	978 185 008231 6	£39.99
Textiles 2	978 185 008464 8	£39.99
Designing and Making	978 185 008233 0	£39.99
Systems and Control	978 185 008230 9	£39.99
Food	978 185 008232 3	£39.99
Food 2	978 185 008463 1	£39.99
Graphic Products	978 185 008466 2	£39.99
Sustainable Design	978 185 008467 9	£39.99
Resistant Materials	978 185 008229 3	£39.99
Product Design	978 185 008465 5	£39.99

Textiles

978 185 008231 6

- How fabrics are made
- Properties of fabrics
- Textile products
- Pattern making
- Modelling
- Equipment
- Colouring textiles
- Embellishment
- Joining and finishing



Food

978 185 008232 3

- Healthy eating
- Food for life
- Choosing food
- Ingredients
- Food, skills, techniques and equipment
- Being creative!
- Food safety and hygiene
- Evaluating food



Sustainable Design

978 185 008467 9

- The 6Rs
- Renewable Energy
- Alternative choices
- Product life cycles
- Reuse
- Rethink
- Refuse
- Recycle
- Fair trade
- Reduce



Textiles 2

978 185 008464 8

- Smart and technical fabrics
- Industrial practice
- Adding colour to fabric
- Logos and labels
- Historical influences on design
- Targeted research
- Accessories
- Properties, care and use of fabrics



Food 2

978 185 008463 1

- Healthy eating
- The needs of people
- Food for life
- Cooking for life
- Wise food shopping
- Consumer awareness
- Creativity
- The role of ingredients
- Recipe challenge
- Tasting and testing



Resistant Materials

978 185 008229 3

- Materials
- Designing
- Structures
- Mechanisms
- Equipment
- Joining and finishing
- Production types
- CAD/CAM
- Testing



Designing and Making

978 185 008233 0

- Exploring ideas
- Generating ideas
- Planning
- Developing and modelling ideas
- Evaluation



Graphic Products

978 185 008466 2

- What is a graphic product?
- Logos and signs
- Packaging
- Making it move
- Graphical skills
- Materials and equipment
- Manufacturing processes
- Evaluating graphic products



Product Design

978 185 008465 5

- Design: past, present and future
- Cultural issues of design
- Modern materials
- Designing for human beings
- Industrial processes
- Modelling
- Generating ideas
- Mini project - egg cup
- Evaluation



Systems and Control

978 185 008230 9

- Use of control technologies
- Designing control systems
- Electrical control systems
- Electronic control systems
- Microprocessors and computers
- The use of feedback



Download an order form online: www.oxfordsecondary.co.uk/orderform

OXFORD
UNIVERSITY PRESS

tel 01536 452620

fax 01865 313472

post Freepost RSKE-HHHE-KTJE, Oxford University Press, North Kettering Business Park, Hipwell Road, Kettering, Northants, NN14 1UA

email schools.enquiries.uk@oup.com

web www.oxfordsecondary.co.uk/design