

DESIGN & TECHNOLOGY 2014

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Textiles

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- 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



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email schools.enquiries.uk@oup.com

web www.oxfordsecondary.co.uk/design