

Content



Pods



Check & Challenge



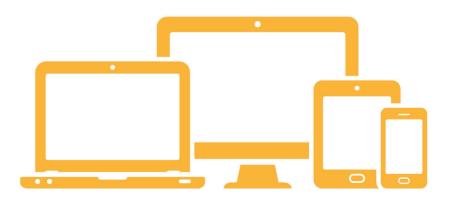
Ready Made Assignment



Additional Resources



In Production





Design & Technology

AQA

Getting Ready for KS4 (GCSE)

Getting Ready for KS4 (GCSE) Design and Technology

Getting Ready for KS4 (GCSE)	GRF-01-001		
Natural Timbers	DT-06-003		
Manufactured Timber Boards	DT-06-004		
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Thermoforming Polymers	DT-06-006		
Thermosetting Polymers	DT-06-007		
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The Six Rs	DT-15-002		
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Generating Imaginative and Creative Design Ideas (Part 2)	DT-10-002	\triangleright	
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Communicating Your Design Ideas (Part 2)	DT-11-002		
Communicating Your Design Ideas (Part 3)	DT-11-003		
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Case Study: Norman Foster	DT-09-012		
Case Study: Alec Issigonis	DT-09-013		
Case Study: William Morris	DT-09-014		
Case Study: Gerrit Rietveld	DT-09-019		
Case Study: Charles Rennie Mackintosh	DT-09-020		
Case Study: Ettore Sottsass	DT-09-022		
Case Study: Philippe Starck	DT-09-023	\triangleright	







Case Study: Vivienne Westwood	DT-09-024	\triangleright	
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Composite Materials	DT-03-003		
Technical Textiles	DT-03-004		
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Inputs and Outputs	DT-04-001		
Processes	DT-04-002		
Mechanical Devices			
Types of Movement	DT-05-001		
Changing Magnitude and Direction of Force: Levers	DT-05-002	\triangleright	



Symbol Keys ▶ Pods

Additional Resources

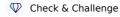
Ready Made Assignment

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	Changing Magnitude and Direction of Force: Linkages and Rotary Systems	DT-05-003	\triangleright	
	Materials and Their Working Properties			
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	Boards	DT-06-002		
	Natural Timbers	DT-06-003		
	Manufactured Timber Boards	DT-06-004		
	Metals and Alloys	DT-06-005		
	Thermoforming Polymers	DT-06-006		
	Thermosetting Polymers	DT-06-007		
	Textiles (Part 1) - Natural Fibres	DT-06-008		
	Textiles (Part 2) - Synthetic Fibres and Blended Fibres	DT-06-009	\triangleright	
	Textiles (Part 3) - Constructing Fabrics	DT-06-010		
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	Specialist Tools and Equipment	DT-24-001		
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	Manipulating Materials and Objects to Work		_	4
	with Forces and Stress	DT-14-001		
	with Forces and Stress Enhancing Materials to Resist and Work with Forces and Stress to Improve Functionality	DT-14-001 DT-14-002	D	
	Enhancing Materials to Resist and Work with		•	
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	Enhancing Materials to Resist and Work with Forces and Stress to Improve Functionality Ecological and Social Footprint	DT-14-002		
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	Scales of Production	DT-19-001		
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	Tools, Equipment and Processes	DT-20-002		
	How Materials are Cut, Shaped and Formed to a Tolerance	DT-20-003	\triangleright	
	Commercial Processes and Quality Control	DT-20-004		
	Specialist Techniques and Processes	DT-20-005	\triangleright	
	Material Management			
	Cutting Materials Efficiently and Minimising Waste	DT-23-001	\triangleright	
	Using Marking-Out Methods, Data Points and Coordinates	DT-23-002		
	Surface Treatments and Finishes			
	Surface Treatments and Finishes	DT-21-001		
Me	etal-Based Materials			
	Forces and Stress			
	Manipulating Materials and Objects to Work with Forces and Stress	DT-38-001	\triangleright	
	Enhancing Materials to Resist and Work With Forces and Stress to Improve Functionality	DT-38-002	\triangleright	
	Ecological and Social Footprint			
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	The Six Rs	DT-39-002	\triangleright	
	Social Issues in Design and Manufacture	DT-39-003		
	Sources and Origins			
	Primary Sources and Origins of Materials	DT-40-001		







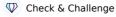
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Stock Forms, Types and Sizes	DT-42-001		
Polymers			
Forces and Stress			
Manipulating Materials and Objects to Work with Forces and Stress	DT-50-001	\triangleright	
Enhancing Materials to Resist and Work with Forces and Stress to Improve Functionality	DT-50-002	\triangleright	
Sources and Origins			
Primary Sources and Origins of Materials	DT-52-001		
Using and Working With Materials			
Properties of Materials and Modifying	DT-53-001		
Properties for Specific Purposes How to Shape and Form	DT-53-002	\triangleright	
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Designing and Making Principles			
Investigation, Primary and Secondary Data			
Using Data to Understand Client and/or User Needs (Part 1)	DT-07-001	\triangleright	
Using Data to Understand Client and/or User Needs (Part 2)	DT-07-002	\triangleright	
Writing a Design Brief and Producing a Design and Manufacturing Specification	DT-07-003	\triangleright	
Communication of Design Ideas			
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Communicating Your Design Ideas (Part 2)	DT-11-002		
Communicating Your Design Ideas (Part 3)	DT-11-003		
Environmental, Social and Economic Challenges			
Environmental, Social and Economic Challenges	DT-08-001	\triangleright	

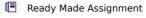
Symbol Keys ▶ Pods

※ In production

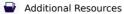
Design Strategies

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Generating Imaginative and Creative Design Ideas (Part 1)	DT-10-001	\triangleright	
Generating Imaginative and Creative Design Ideas (Part 2)	DT-10-002		
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Prototype Development			
Prototype Development	DT-12-001		
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Case Study: Alessi	DT-09-005		
Case Study: Apple	DT-09-006		
Case Study: Braun	DT-09-007		
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Case Study: Coco Chanel	DT-09-009		
Case Study: Harry Beck	DT-09-010		
Case Study: Marcel Breuer	DT-09-011		
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Case Study: Alec Issigonis	DT-09-013		
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Case Study: Alexander McQueen	DT-09-015		
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Case Study: Ettore Sottsass	DT-09-022		
Case Study: Philippe Starck	DT-09-023		
Case Study: Vivienne Westwood	DT-09-024		

Supplementary Resources (D&T)

Symbol Keys

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Resistant Materials: Tools and Processes

Introduction	DT-001-002-001	
Preparation and Marking Out	DT-001-002-002	
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Forming	DT-001-002-004	
Bending	DT-001-002-005	
Casting and Moulding	DT-001-002-006	
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Metals	DT-001-001-005		
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Composites and New Materials	DT-001-001-007	\triangleright	
Summary	DT-001-001-008		

Product Design: Compulsory Materials

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Mechanical Properties	DT-003-001-002	
Physical Properties	DT-003-001-003	
Paper & Card	DT-003-001-004	
Summary	DT-003-001-005	

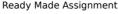
Product Design: Optional Materials Part 2

Introduction	DT-003-007-001	
Ceramics	DT-003-007-002	
Textiles	DT-003-007-003	
Food	DT-003-007-004	
Electronic Components	DT-003-007-005	











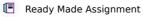


Mechanical Components	DT-003-007-006		
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Product Design: Product Development: Making Products			
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Manufacturing Processes	DT-003-005-003		
Processes for Making Plastic Products	DT-003-005-004	\triangleright	
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Standard Components	DT-003-005-007		
Quality Control & Evaluation	DT-003-005-008		
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Product Design: Industrial & Commercial Practice			
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Methods of Production	DT-003-006-002		
Manufacturing Systems	DT-003-006-003		
Consistency of Production	DT-003-006-004		
CAD & CNC	DT-003-006-005		
CAM	DT-003-006-006	\triangleright	
Summary	DT-003-006-007	\triangleright	

















Textiles Technology: Materials & Components

Introduction	DT-005-001-001	
Fibres	DT-005-001-002	
Woven Fabrics	DT-005-001-003	
Knitted Fabric	DT-005-001-004	
Modern Fabrics	DT-005-001-005	
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Fastenings & Thread	DT-005-001-007	
Trimmings, Motifs, Labels & Electronics	DT-005-001-008	
Summary	DT-005-001-009	

Textiles Technology: Design Considerations

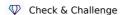
Introduction	DT-005-002-001	
Fit for Purpose	DT-005-002-002	
Caring for Your Material and the Law	DT-005-002-003	
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Material Choice & Design	DT-005-002-005	
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The use of ICT in Manufacturing	DT-005-003-007	
Quality Assurance	DT-005-003-008	
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Symbol Keys

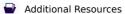




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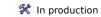


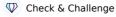




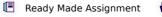
Summary	DT-005-003-010	
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Printing & Enhancing Fabric	DT-005-004-003	
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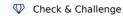






Legal and moral issues	DT-001-004-005		
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Graphic Products: Designing Products			
Introduction	DT-002-003-001	\triangleright	





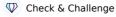




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Enhancing Sketches & Presenting Work	DT-002-003-005		
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Additional Resources





DT-001-006-002		
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Communicating Ideas	DT-003-003-006	
Modelling & Prototypes	DT-003-003-007	
Planning & QA	DT-003-003-008	
Summary	DT-003-003-009	

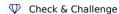
Getting Ready for KS5 (A Level)

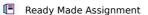
Getting Ready for KS5 (A Level) Design and Technology

Case Study: William Morris	DT-09-014		
Case Study: Philippe Starck	DT-09-023		
Case Study: Raymond Templier	DT-09-018		
Case Study: Apple	DT-09-006		
Case Study: Braun	DT-09-007		
Case Study: Dyson	DT-09-008		
Case Study: Marcel Breuer	DT-09-011		
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Generating Imaginative and Creative Design Ideas (Part 2)	DT-10-002		

Symbol Keys

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Critical Evaluation of Design Decisions (Part 1)	DT-01-010		
Critical Evaluation of Design Decisions (Part 2)	DT-01-011	\triangleright	
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Primary Sources and Origins of Materials	DT-16-001		
Primary Sources and Origins of Materials	DT-52-001		
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