

Design and Technology



The areas of development are:	Solutions
<u>Design and Technology</u>	
<ul style="list-style-type: none"> Demonstrating a broad knowledge of materials: Timbers 	<ul style="list-style-type: none"> further information and support can be found on the Technology Student Website (using the GCSE Design and Technology subject area) PG AQA GCSE 9-1 Design and Technology course book: Working with timbers Pages 147-162 BBC Bitesize: Timber-based materials
<ul style="list-style-type: none"> Demonstrating a broad knowledge of materials: Paper and boards 	<ul style="list-style-type: none"> PG AQA GCSE 9-1 Design and Technology course book: Working with paper and boards Pages 130-146 BBC Bitesize: Papers and boards
<ul style="list-style-type: none"> Demonstrating a broad knowledge of materials: Textiles 	<ul style="list-style-type: none"> PG AQA GCSE 9-1 Design and Technology course book: working with textiles Pages 199-215 BBC Bitesize: Textile-based materials
<ul style="list-style-type: none"> Understanding key terminology related to GCSE Design and Technology as well as its meaning 	<ul style="list-style-type: none"> use the AQA Website and the resources from your class teacher to develop your understanding of the key terminology used
<ul style="list-style-type: none"> Developing an understanding of the key topics surrounding ecological and social footprints 	<ul style="list-style-type: none"> PG AQA GCSE 9-1 Design and technology course book: Ecological and Social Footprints Pages 111-118 BBC Bitesize: Environmental, Social and Economic Challenges
<ul style="list-style-type: none"> Developing an understanding of the sources and origins of one or more of the material areas 	<ul style="list-style-type: none"> PG AQA GCSE 9-1 Design and Technology course book: Sources and Origins chapter 5 use the resources from your class teacher to develop understanding

	<ul style="list-style-type: none"> • Stem Learning website
<ul style="list-style-type: none"> • Demonstrating as well as applying knowledge of how to shape and form materials, using cutting, abrasion and addition methods 	<ul style="list-style-type: none"> • BBC Bitesize: Making
<ul style="list-style-type: none"> • Developing an understanding of selecting materials and components 	<ul style="list-style-type: none"> • PG AQA GCSE 9-1 Design and Technology course book: Selections of Components pages 270 • Study Rocket website
<ul style="list-style-type: none"> • Developing an ability to communicate, record and justify design ideas using a range of appropriate techniques 	<ul style="list-style-type: none"> • use the resources from your class teacher to practise design communication • BBC Bitesize: Designing
<ul style="list-style-type: none"> • Developing an understanding of surface treatments and finishes that are applied for functional and aesthetic purposes for a range of materials 	<ul style="list-style-type: none"> • PG AQA GCSE 9-1 Design and Technology course book: Surface Treatments and Finishes chapter 5 • further information and support can be found on the Stem Learning Website GCSE design and technology resources
<ul style="list-style-type: none"> • Developing an understanding of prototypes and how they respond to client wants and needs 	<ul style="list-style-type: none"> • PG AQA GCSE 9-1 Design and technology course book: Developing Successful Prototypes page 265 • BBC Bitesize: Evaluating
<ul style="list-style-type: none"> • Developing and understanding of how to apply and use of quality control 	<ul style="list-style-type: none"> • PG AQA GCSE 9-1 Design and Technology course book: chapter 5 • use the resources provided by your class teacher • Technology Student Website: Quality Control
<ul style="list-style-type: none"> • Developing a stronger approach to assessment questions and providing a suitable level of response using command words written within a question 	<ul style="list-style-type: none"> • Use the resources provided by your class teacher with past exam questions • Revision World Website

[Return to Year 9 Solutions Homepage](#)