

Subject: Design and Technology GCSE – Mock Exam	
Exam Board: AQA	
Mock paper: e.g. 2 hours 50% of overall grade	
<p>Content:</p> <p>What's assessed</p> <ul style="list-style-type: none"> • Core technical principles • Specialist technical principles • Designing and making principles <p>In addition:</p> <ul style="list-style-type: none"> • at least 15% of the exam will assess maths • at least 10% of the exam will assess science <p>How it's assessed</p> <ul style="list-style-type: none"> • Written exam: 2 hours • 100 marks • 50% of GCSE Questions <p>Section A – Core technical principles (20 marks) A mixture of multiple choice and short answer questions assessing a breadth of technical knowledge and understanding.</p> <p>Section B – Specialist technical principles (30 marks) Several short answer questions (2–5 marks) and one extended response to assess a more in-depth knowledge of technical principles.</p> <p>Section C – Designing and making principles (50 marks) A mixture of short answer and extended response questions</p> <p>Outline content:</p> <p>Products in society page 10</p> <p>Sustainability and bio-degradable materials page 6 – 9</p> <p>Types of paper and card page 16 and 17</p> <p>Input systems page 2</p> <p>Types of timbers page 17</p> <p>Types of motion page 28</p> <p>Manufactured boards page 23 and 44</p> <p>Scales of production page 38 and 39</p> <p>Types of forces page 36 and 37</p> <p>Quality assurance and Quality control page 40 and 41</p> <p>Understand how to analyse and adapt product to suit different user's needs</p> <p>Safety when using cutting tools</p> <p>Adding finishes to products page 72 and 73</p> <p>How to complete an Isometric drawing</p> <p>Understand why are prototypes used?</p> <p>Maths questions – you must know how to calculate the;</p> <p>Area of a rectangle</p> <p>Multiplication to find out total costs of products</p> <p>Percentages</p> <p>Volume</p>	
<p>Useful revision resources:</p> <p>List websites, links to past papers, books etc here</p> <p>GCSE pod</p> <p>www.technologystudent.com</p> <p>Homework tasks including multiple choice questions practice.</p>	

Revision guides

CGP GCSE AQA Design and Technology -The Revision Guide (all students have one of these books at home).

Revision Tips**Section A**

Please make sure you read the multiple-choice questions fully before answering.

Answer by shading in the lozenge.

Section B

Please make sure you answer your questions in full no one word answers lots of detail.

Section C

Practice your drawing techniques.

Use the Maths revision guide questions to help with the Maths questions.