

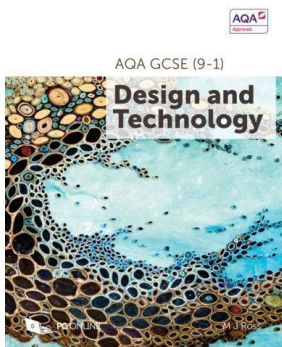
KS4 – Design and Technology Year 10/11

Content (Intent)	Links to prior learning	Skills and Assessment (Implementation)	Expected Learning Outcomes (Impact)
Term 1/2 <ul style="list-style-type: none">• Timbers• Textiles• Metals• Electronics textiles• Polymers• Papers & Boards	Students will build upon knowledge and apply previous learning acquired at KS3	Summative assessment at the end of each topic. Formative assessment throughout the course	Students will be practicing skills so that they will be equipped with the knowledge, understanding, and skills required to build a prototype for their NEA later in the course. Students will acquire the theoretical knowledge to understand the working properties of the core materials.
Term 3/4 <ul style="list-style-type: none">• Investigation• Generating ideas• Developing a design Proposal• Electronics	Students will build upon knowledge and apply previous learning acquired at KS3	Summative assessment at the end of each topic. Formative assessment throughout the course	Students will be practicing skills so that they will be equipped with the knowledge, understanding, and skills required to build a prototype for their NEA later in the course. Students will acquire the theoretical knowledge to understand the working properties of the core materials.
Term 5/6 <ul style="list-style-type: none">• Mini NEA	Students will build upon knowledge and apply previous learning acquired at KS3	Summative assessment at the end of each topic. Formative assessment throughout the course. Students Mini NEA will be graded against the GCSE NEA mark scheme and feedback given to develop	Students will develop their knowledge and the processes required to complete their NEA.
YEAR 11			

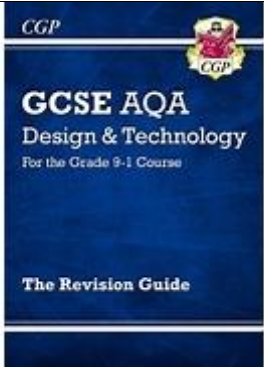

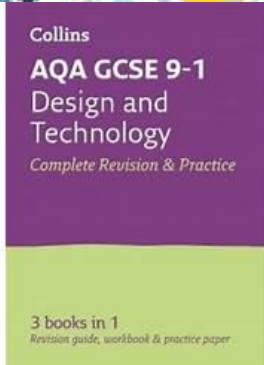
KS4 – Design and Technology Year 10/11

Content (Intent)	Links to prior learning	Skills and Assessment (Implementation)	Expected Learning Outcomes (Impact)
Term 1/2 <ul style="list-style-type: none">GCSE NEA	Students will build upon knowledge and apply previous learning acquired in Year 10 and KS3		Completed NEA report and Prototype
Term 3/4 <ul style="list-style-type: none">GCSE NEAExam Preparation	Students will build upon knowledge and apply previous learning acquired in Year 10 and KS3		Re-capping on all topics in readiness for the GCSE summer exam
Term 5	Consolidate all learning of Design and Technology acquired at Year 10/ 11 and KS3		

Resources and/or activities to support learning

	Year 11 students are issued with a copy for the duration of the course.
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 The cover is dark blue with white text. At the top left is the CGP logo. In the center, it says 'GCSE AQA Design & Technology For the Grade 9-1 Course'. At the bottom, it says 'The Revision Guide'.	<p>A comprehensive revision guide with exam style questions</p>
 The cover is white with colorful illustrations of school furniture and equipment. It says 'ClearRevise Illustrated revision and practice' at the top, followed by 'AQA GCSE Design and Technology 8552'.	<p>A comprehensive revision guide to aid in exam preparation.</p>
 The cover is split into a purple top half and a green bottom half. The purple section contains the text 'Collins AQA GCSE 9-1 Design and Technology Complete Revision & Practice'. The green section at the bottom says '3 books in 1 Revision guide, workbook & practice paper'.	<p>A comprehensive revision guide to aid in exam preparation.</p>

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Websites to develop understanding/ revision

[Free Homework & Revision for A Level, GCSE, KS3 & KS2 \(senecalearning.com\)](https://www.senecalearning.com/)

[GCSE Design and Technology - AQA - BBC Bitesize](https://www.bbc.com/bitesize/gcse/design-technology/aqa)

[AQA | Design and Technology | GCSE | Design and Technology](https://www.aqa.org.uk/subjects/design-technology/gcse)