

**Design Technology Revision Plan 2024-25**

	Countdown Weeks to Exams	Revision Lesson Topic	Homework	Independent revision (read, flash cards, test yourself)	link
20 January 2025	12	Mock Review - going over the previous mock paper back in the Autumn term to highlight any key mistakes ahead of the mocks in February.	NEA Based Homework	CGP – Revision Guide AQA Revision Booklet AQA GCSE Bitesize - <a href="https://www.bbc.co.uk/bitesize/examspecs/zby2bdm">https://www.bbc.co.uk/bitesize/examspecs/zby2bdm</a> Past Papers -	<a href="https://www.aqa.org.uk/subjects/design-and-technology/gcse/design-and-technology-8552/assessment-resources">https://www.aqa.org.uk/subjects/design-and-technology/gcse/design-and-technology-8552/assessment-resources</a>
27 January 2025	11	Sustainability - LCA - Extraction and answering 6 mark questions	NEA Based Homework	Revise sustainability with a focus on the life cycle assessment of a product and the extraction of raw materials as a focus.	<a href="https://www.bbc.co.uk/bitesize/guides/zn4bcj6/revision/3">https://www.bbc.co.uk/bitesize/guides/zn4bcj6/revision/3</a>
03 February 2025	10	Sustainability - LCA - End of Life and answering 6 mark questions	NEA Based Homework	Revise sustainability with a focus on the life cycle assessment of a product and the end of life, landfill, recycling, other 6Rs and the CO2 impact as a result.	<a href="https://www.bbc.co.uk/bitesize/guides/zn4bcj6/revision/4">https://www.bbc.co.uk/bitesize/guides/zn4bcj6/revision/4</a>
10 February 2025	9	Sustainability - LCA - End of Life continued and answering 6 mark questions	NEA Based Homework	Revise sustainability with a focus on the life cycle assessment of a product and the end of life, landfill, recycling, other 6Rs and the CO2 impact as a result.	
17 February 2025	<b>Half term</b>				
24 February 2025	8	Quality Control - referencing back to the NEA work they are completing. This theory lesson will be applied in the manufacturing specification and through practice exam questions.	NEA Based Homework	Revise manufacturing processes and safe use of hand tools in the workshop.	<a href="https://www.bbc.co.uk/bitesize/guides/zn4bcj6/revision/6">https://www.bbc.co.uk/bitesize/guides/zn4bcj6/revision/6</a>
03 March 2025	7	Nesting - minimising waste with links back to sustainability.	NEA Based Homework	Revise nesting and minimising waste.	<a href="https://www.bbc.co.uk/bitesize/guides/zbstng8/revision/1">https://www.bbc.co.uk/bitesize/guides/zbstng8/revision/1</a>
10 March 2025	6	Timbers Recap - Sourcing/stock forms, manufacturing processes - 6 mark questions from Section B. Deforming.	NEA Based Homework	Revise timbers - source, how man made boards are made, properties, working with timbers etc. - Timbers Revision Guide (see website)	<a href="https://www.bbc.co.uk/bitesize/guides/zkvnv4/revision/1">https://www.bbc.co.uk/bitesize/guides/zkvnv4/revision/1</a>
17 March 2025	5	Polymers Recap - Sourcing/stock forms, manufacturing processes - 6 mark questions from Section B. Deforming/reforming.	NEA Based Homework	Revise polymers - source, how polymers are made (fractional distillation/cracking), properties, working with polymers etc. - Polymers Revision Guide (see website)	<a href="https://www.bbc.co.uk/bitesize/guides/zrstng8/revision/1">https://www.bbc.co.uk/bitesize/guides/zrstng8/revision/1</a>
24 March 2025	4	Finishes - Timber finishes and how this knowledge can be applied in 6 mark question from Section B.	Satchel:One based quiz	Revise timber finishes.	<a href="https://www.bbc.co.uk/bitesize/guides/zkvnv4/revision/11">https://www.bbc.co.uk/bitesize/guides/zkvnv4/revision/11</a>
31 March 2025	3	Product Analysis - Section C questions	6-8 mark question	This will refer back to the work done in the NEA and how existing products were analysed to inform design decisions.	<a href="https://www.bbc.co.uk/bitesize/guides/zj9g4qt/revision/1">https://www.bbc.co.uk/bitesize/guides/zj9g4qt/revision/1</a>
07 April 2025	2	Product Analysis - Section C questions	Satchel:One based quiz	This will refer back to the work done in the NEA and how existing products were analysed to inform design decisions.	<a href="https://www.bbc.co.uk/bitesize/guides/zj9g4qt/revision/1">https://www.bbc.co.uk/bitesize/guides/zj9g4qt/revision/1</a>
14 April 2025	<b>Easter</b>				
21 April 2025	<b>Easter</b>				
28 April 2025	1	Maths application questions	6-8 mark question	Practice maths application questions using past papers	<a href="https://www.aqa.org.uk/subjects/design-and-technology/gcse/design-and-technology-8552/assessment-resources">https://www.aqa.org.uk/subjects/design-and-technology/gcse/design-and-technology-8552/assessment-resources</a>
05 May 2025	0	Composite Materials	Satchel:One based quiz	Revise composite materials, modern materials and smart materials. Learn their names, key properties and uses.	<a href="https://www.bbc.co.uk/bitesize/guides/zfo8jty/revision/3">https://www.bbc.co.uk/bitesize/guides/zfo8jty/revision/3</a>
12 May 2025		Ergonomics & Anthropometrics	6-8 mark question	Revise ergonomics and anthropometrics. Learn how designers use these to inform product design decisions.	<a href="https://www.bbc.co.uk/bitesize/guides/z42j2nb/revision/3">https://www.bbc.co.uk/bitesize/guides/z42j2nb/revision/3</a>
19 May 2025		Correct material selection - answering the multiple option questions based on specialist material knowledge.	Satchel:One based quiz	Use polymer and timber knowledge to go through past paper questions and select these materials when given an option.	Past Papers - <a href="https://www.aqa.org.uk/subjects/design-and-technology/gcse/design-and-technology-8552/assessment-resources">https://www.aqa.org.uk/subjects/design-and-technology/gcse/design-and-technology-8552/assessment-resources</a>
26 May 2025	<b>Half term</b>				
02 June 2025		Drawing techniques in the exam and how to gain full marks - Orthographic drawing focus.	6-8 mark question	Revise drawing techniques such as oblique, isometric and two point perspective.	<a href="https://www.bbc.co.uk/bitesize/guides/z6jkw6f/revision/4#:~:text=Isometric%20drawing%20are%20used%20to,25%3A1..">https://www.bbc.co.uk/bitesize/guides/z6jkw6f/revision/4#:~:text=Isometric%20drawing%20are%20used%20to,25%3A1..</a>
09 June 2025		How NEA links to the exam.	Satchel:One based quiz	Past paper questions	<a href="https://www.aqa.org.uk/subjects/design-and-technology/gcse/design-and-technology-8552/assessment-resources">https://www.aqa.org.uk/subjects/design-and-technology/gcse/design-and-technology-8552/assessment-resources</a>
16 June 2025	<b>18 June - DT Exam</b>				
	<p><b>Generic resources:</b> CGP – Revision Guide AQA Revision Booklet</p> <p><a href="https://www.aqa.org.uk/subjects/design-and-technology/gcse/design-and-technology-8552/assessment-resources">https://www.aqa.org.uk/subjects/design-and-technology/gcse/design-and-technology-8552/assessment-resources</a></p>				