

Y11

Revision
Olympics



GCSE Design & Technology

Revision Guide
December 2024–May 2025

Exam Specification and General Support

**Exam specification
and exam board**

GCSE Design and Technology AQA

Past paper questions

[AQA | GCSE | Design and Technology | Assessment resources](#)

**Useful revision
websites**

https://technologystudent.com/despro_fish/NEW_GCSE3.html

<https://www.bbc.co.uk/bitesize/examspecs/zby2bdm>

Exam info

Wednesday 18 June (AM) – 2hrs

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Week	Activity 1	Activity 2
1 2.12.24	Review your mock exam and put together a plan for your revision. Think about the areas you struggled with and ensure you allocate enough time to these areas. Speak with your teacher if you are unsure of where to focus your revision.	
2 9.12.24	New and emerging technologies BBC Bitesize Revise, watch the video and complete the test.	Go through the following Seneca tasks and take notes: New and emerging technologies Seneca Work through 1.1.1 to 1.1.10
3 16.12.24	Energy generation and storage BBC Bitesize Revise watch the video and complete the test.	Go through the following Seneca tasks and take notes: Energy generation and storage Seneca Work through 1.2.1 to 1.2.3
4 6.01.25	Developments in new materials BBC Bitesize Revise, watch the video and complete the test.	Go through the following Seneca tasks and take notes: Development in new materials Seneca Work through 1.3.1 to 1.3.5
5 13.01.25	Systems approach to designing BBC Bitesize Revise, watch the video and complete the test.	Go through the following Seneca tasks and take notes: Systems approach to designing Seneca Work through 1.4.1 to 1.4.4
6 20.01.25	Mechanical devices BBC Bitesize Revise, watch the video and complete the test	Go through the following Seneca tasks and take notes: Mechanical Devices Seneca Work through 1.5.1 to 1.5.5
7 27.01.25	Material categories Revise Test	Go through the following Seneca tasks and take notes: Material categories Work through 1.6.1 to 1.6.9
8 3.02.25	Material properties Produce a set of flash cards that have the material property and the definition. Remember to look at the difference between physical and working properties. Material properties	Go through the following Seneca tasks and take notes: Material properties Work through 1..7.1 The complete the test Test

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Week	Activity 1	Activity 2
9 10.02.24	Math's element Read through and complete the tasks: https://technologystudent.com/despro_fish/new_maths1.html	
The next 9 weeks please focus on 1 material category linked to your chosen DT area.		
HALF TERM	Selection of materials or components Revise the following: Papers & Boards Timbers Metals Polymers Textiles	Go through the following Seneca tasks and take notes: Papers & Boards work through 2.1.1 – 2.1.2 Timbers work through 3.1.1 – 3.1.2 Metals work through 4.1.1 – 4.1.5 Polymers work through 5.1.1 Textiles work through 6.2.1 -6.2.2
10 24.02.25	Forces and stresses Revise the following: Papers & Boards Timbers Metals Polymers Textiles	Go through the following Seneca tasks and take notes: Papers & Boards work through 2.2.1 – 2.2.2 Timbers work through 3.2.1 – 3.2.2 Metals work through 4.2.1 Polymers work through 5.1.4 Textiles work through 6.3.1
11 3.03.25	Ecological and social footprint Revise the following: Papers & Boards Timbers Metals Polymers Textiles	Go through the following Seneca tasks and take notes: Papers & Boards work through 2.3.1 – 2.3.3 Timbers work through 3.3.1 – 3.3.4 Metals work through 4.3.1 – 4.3.4 Polymers work through 5.1.2 Polymers work through 5.1.5 Textiles work through 6.2.3 – 6.2.5
12 10.03.25	Sources and origins Revise the following: Papers & Boards Polymers Timbers Metals Polymers Textiles	Go through the following Seneca tasks and take notes: Papers & Boards work through 2.4.1 – 2.4.2 Timbers work through 3.4.1 – 3.4.4 Metals work through 4.4.1 – 4.4.2 Polymers work through 5.1.3 Textiles Read through P21-24 in the CGP GCSE AQA Design & Technology revision guide



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Week	Activity 1	Activity 2
13 17.03.25	Scales of production Revise the following: Papers & Boards Timbers Metals Polymers Textiles	Go through the following Seneca tasks and take notes: Papers & Boards work through 2.5.1 – 2.5.3 Timbers work through 3.5.1 – 3.5.4 Metals work through 4.6.1 – 4.6.3 Polymers work through 5.2.1 – 5.2.3 Textiles work through 6.1.2
14 24.03.25	Stock forms, types and sizes Revise the following: Papers & Boards Timbers Metals Plastics / Polymers Textiles	Go through the following Seneca tasks and take notes: Papers & Boards work through 2.6.1 – 2.6.4 Timbers work through 3.6.1 Metals-Alloys work through 4.5.1 – 4.5.7 Polymers work through 5.3.1 – 5.3.2 Textiles Read through P79-90 in the CGP GCSE AQA Design & Technology revision guide
15 31.03.25	Scales of production Revise the following: Papers & Boards Timbers Metals Polymers Textiles	Go through the following Seneca tasks and take notes: Papers & Boards work through 2.7.1 – 2.7.2 Timbers work through 3.7.1 Metals work through 4.7.1 Polymers work through 5.4.1 Textiles Read through P40-41 in the CGP GCSE AQA Design & Technology revision guide
EASTER BREAK (WEEK 1)	Specialist techniques and processes Revise the following: Papers & Boards read through the 3 sections Timbers read through the 3 sections Metals read through the 3 sections Polymers read through the 3 sections Textiles read through the 3 sections	Go through the following Seneca tasks and take notes: Papers & Boards work through 2.8.1 – 2.8.2 Timbers work through 3.8.1 – 3.8.3 Metals work through 4.8.1 – 4.8.4 Polymers work through 5.4.2 – 5.4.3 Textiles Read through P79-90 in the CGP GCSE AQA Design & Technology revision guide



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Week	Activity 1	Activity 2
EASTER BREAK (WEEK 2)	<p>Surface treatments and finishes</p> <p>Revise the following:</p> <p>Papers & Boards Papers & Boards Test</p> <p>Timbers Timbers test</p> <p>Metals Metals test</p> <p>Polymers Polymers test</p> <p>Textiles Textiles test</p>	<p>Go through the following Seneca tasks and take notes:</p> <p>Papers & Boards work through 2.9.1 – 2.9.2 Timbers work through 3.9.1 – 3.9.3 Metals QC work through 4.9.1 -4.9.2 Metals work through 4.10.1 – 4.10.4 Polymers work through 5.4.4</p> <p>Textiles</p> <p>Read through P79-90 in the CGP GCSE AQA Design & Technology revision guide</p>
16 21.04.25	<p>Investigation, primary and secondary Environmental, social and economic challenge</p> <p>Work of others</p> <p>Revise Video Test</p>	<p>Go through the following Seneca tasks and take notes:</p> <p>Revise work through 7.1.1 – 7.1.7</p>
17 28.04.25	<p>Design strategies</p> <p>Design Strategies Design Strategies work through 7.4 – 7.5</p>	<p>Drawing techniques</p> <p>Isometric</p> <p>Pick a simple household object and produce an Isometric drawing of it. Please bring this in for your teacher to check.</p>
18 5.05.25	<p>Drawing techniques</p> <p>Orthographic</p> <p>Pick a simple household object and produce an Orthographic projection of it. Please bring this in for your teacher to check.</p>	<p>Drawing techniques</p> <p>Exploded</p> <p>Pick a simple household object and produce an Exploded diagram of it. Please bring this in for your teacher to check.</p>

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19 12.05.25	Drawing techniques <u>1-point perspective</u> Pick a simple household object and produce a 1-point perspective drawing of it. Please bring this in for your teacher to check.	Drawing techniques <u>2-point perspective</u> Pick a simple household object and produce a 2-point perspective drawing of it. Please bring this in for your teacher to check.
20 19.05.25	Drawing techniques <u>3-point perspective</u> Pick a simple household object and produce a 3-point perspective drawing of it. Please bring this in for your teacher to check.	Work of others <u>Work of others</u> work through 7.3.1 – 7.3.7 <u>Work of others</u>
21 26.05.24	Making Read through and complete the test <u>Making</u> <u>Making test</u>	Evaluating Read through and complete the test <u>Evaluating</u> <u>Evaluating test</u>
The next 2 weeks consist of mock exam papers. Have a go at each one and then use the mark scheme to see how you got on.		
22 2.06.24	Mock exam <u>Exam 1</u> <u>Mark scheme 1</u>	Mock exam <u>Exam 2</u> <u>Mark scheme 2</u>
23 9.06.24	Mock exam <u>Exam 3</u> <u>Mark scheme 3</u>	Mock exam <u>Exam 4</u> <u>Mark scheme 4</u>
24 16.06.24	Exam week- use this week for any final revision of any areas you are unsure of.	