



GCSE Design & Technology Mock Revision List

Year 11 – November 2025

UNIT/EXAM	CONTENT/SKILLS
AQA GCSE Design & Technology (8552/W) • Written paper: 2 hours • 100 marks • 50% of GCSE	<u>Section A: Core technical principles</u> ✓ Fabric Types and modern Fabric composites ✓ Environmental considerations of a consumer ✓ Developments in new materials ✓ Formal Drawings ✓ LCA of wood, metals and polymers ✓ Materials and their working properties <u>Section B: Specialist technique principles</u> ✓ Selection of materials or components ✓ Forces and stresses ✓ Ecological and social footprint ✓ Sources and origins of materials ✓ Using and working with materials ✓ Stock forms, types and sizes ✓ Types of production ✓ Modelling ✓ Surface treatments and finishes <u>Section C: Designing and making principles</u> ✓ Design strategies ✓ Communication of design ideas, formal drawing types ✓ Prototype development ✓ Selection of materials and components ✓ Tolerances ✓ Calculating volume ✓ Material management ✓ Specialist tools and equipment ✓ Specialist techniques and processes

Specification & Link to Past Papers

[AQA GCSE Design and Technology \(8552\)](#)

Essential equipment

Black pens, writing and drawing instruments, a calculator, and a protractor.

Achievement • Excellence • Integrity

**Key Information**

Section A – a mixture of multiple choice and short answer questions

Section B – several short answer questions and one extended response

Section C – a mixture of short answer and extended response questions

- At least 15% of the exam will assess maths
- At least 10% of the exam will assess science

Revision materials

CGP New Grade 9-1 GCSE Design & Technology: AQA revision guides.

Revision resources on Teams, Sharepoint, revision tasks from department.

Suggested revision activities

Complete revision mats or use flash cards to test yourself on each topic. Answer practice exam questions and use the mark schemes to check and correct your answers. Revise and practise using Tier 3 vocabulary. Log in to [GCSEpod](#) and watch revision videos or log in to [Seneca](#) and complete the online tests.