# AQA GCSE Design and Technology (8552) Summer 2022

**Paper 1 What's assessed**

• Core technical principles
• Specialist technical principles
• Designing and making principles In addition:
• at least 15% of the exam will assess maths
• at least 10% of the exam will assess science.

**How it's assessed**

• Written exam: 2 hours
• 100 marks
• 50% of GCSE

**Questions Section A – Core technical principles (20 marks)**

A mixture of multiple choice and short answer questions assessing a breadth of technical knowledge and understanding.

**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.

**Section C – Designing and making principles (50 marks)**

A mixture of short answer and extended response questions.

This advance information covers the examined component 2022.

• The list shows the major focus of primarily the higher tariff questions.
• Topics not explicitly given in the list may appear in lower tariff questions or via synoptic questions. Synoptic questions are those that bring together knowledge, skills and understanding from across the specification.
• It is not permitted to take this advance information into the exam.

**Advice**

• Students and teachers should consider how to focus their revision of other non-listed parts of the specification.
• Students will be credited for using any relevant knowledge from any non-listed topic areas when answering questions.
• Students will still be expected to apply their knowledge to unfamiliar contexts.
• Students will be expected to draw on knowledge, skills and understanding from across the specification when responding to synoptic questions.

**Focus of the June 2022 exam**

3.2.1 Selection of materials or components
3.2.3 Ecological and social footprint
3.2.8 Specialist techniques and processes
3.3.2 Environmental, social and economic challenge
3.3.5 Communication of design ideas
3.3.6 Prototype development
3.3.9 Material management

A summary of changes for summer 2022 can be found on the AQA website here:

https://filestore.aqa.org.uk/content/summer-2022/AQA-8552-AI-22.PDF