

# Design and Technology

- AQA GCSE Design and Technology requires students to follow theory work in 3 parts - Core technical principles, Specialist technical principles, Designing and making principles.
- Students will have theory and practical lessons, leading to a final written exam in the summer of year 11, and completion of coursework including designing and making a prototype product.

## How it's assessed

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

## What is assessed?

- Core technical principles
- Specialist technical principles
- Designing and making principles

## Question Types:

### Section A – Core technical principles (20 marks)

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

### 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.

NEA – 50% of the final grade – completed in class in the autumn and winter of year 11

- This involves a Substantial design and make task
- Assessment criteria:
  - Identifying and investigating design possibilities
  - Producing a design brief and specification
  - Generating design ideas
  - Developing design ideas
  - Realising design ideas
  - Analysing & evaluating
- Contextual challenges to be released annually by AQA on 1 June 2024 – there will be a day session to

Work on this in 2024, (time off timetable with subject specific staff).

- Students will produce
  - a prototype (physical product) and
  - a portfolio of evidence, (produced on Power Point)
- Work will be marked by teachers and moderated by AQA

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