



Design and Technology

Knowledge in GCSE Design & Technology

In GCSE Design and Technology, allows students to study core technical and designing and making principles, including a broad range of design processes, materials techniques and equipment.

Students will get the opportunity to work creatively when designing and making and apply technical and practical expertise.

Curriculum Features

The course consists of 2 units:

- Exam – 50%
- Coursework – 50%

Exam

Section A – Core technical principles, assessing a breadth of technical knowledge and understanding.

Section B – Specialist technical principles, to assess a more in depth knowledge of technical principles.

Section C – Designing and making principles.

Coursework

A design and make task assessing 6 areas:

- Identifying and investigating design possibilities
- Producing a design brief and specification
- Generating design ideas
- Developing design ideas
- Making
- Analysing & evaluating

(Coursework topic released toward the end of year 10)

Curriculum Enrichment

Students have access to lesson 6 (once per week) if the teacher feels this is necessary to either complete missing/unfinished work or even to get more support with completing work to a higher grade.

Students are encouraged to attend after school clubs in various areas offered by the school. Students are welcome in the department if they wish to develop personal projects or attend after school sessions. We encourage students to take an active interest in the subject outside the classroom especially with the increasing coverage of the subject on television shows like Big Life Fix on BBC, The Repair Shop, Grand Designs, How It's Made, Extreme Engineering, etc..