

Subject: A level - Design and Technology - Product Design



Qualification Details

A Level Design and Technology Product Design

Teacher Responsible

Mr Boulton

Entry requirements

5 GCSEs or equivalent qualifications, GCSE Design Technology at level 5 (with a level 5 in the examination unit).

About the Course

The course is a natural progression from GCSE Design and Technology for students who have excelled in the subject.

Students work closely with a client to research, design, develop and manufacture a product to solve a real-life issue. The course offers plenty of opportunities for designing, extensive development through modelling, rapid prototyping, producing many iterations of designs which are evaluated in order to develop the best design solution. Students need to be able to lead their own research investigations in order to solve the real-life problem.

Details of Study

You will study 3 main areas:

- Technical principles
- Designing and making principles
- Non examination assessment (Major Project)

How is the course assessed?

Technical principles

- Written exam: 2 hours and 30 minutes
- 120 marks
- 30% of A-level

Designing and making principles

- Written exam: 1 hour and 30 minutes
- 80 marks
- 20% of A-level

Non examination assessment

- Substantial design and make project
- 100 marks
- 50% of A-level

Evidence

Written or digital design portfolio and photographic evidence of final prototype.

Future Pathways

This course will provide the student with a good portfolio of work, which they could use if they intended to apply for an FE college or university entry. It is a recognised A level subject for an increasingly wide range of university degree courses or anyone embarking on a design based or engineering based career. Many former students have studied A level product design have been accepted onto architecture degree courses. For students wanting to go straight into industry, the course will provide them with problem solving skills, technical understanding and other transferable skills that will enhance their employment prospects.