



## **Design and Technology Product Design A Level**

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**Awarding Body:** AQA

**Specification:** Design and Technology – Product Design

### **Entry Requirements**

It is expected that students will achieve an 'A\*' or 'A' grade in GCSE Design and Technology in order to take this subject in the Sixth Form. A 'B' grade is an absolute minimum. Design and Technology is becoming an increasingly popular subject and many students go on to study either Design or Engineering at University.

### **Why Choose Design and Technology?**

The Design and Technology: Product Design course is challenging and engaging. It enables students to develop a wide skill set that is highly sought after in Design and Engineering careers. Students will develop their skills to be proficient in project management; research; design; problem solving and manufacturing.

### **Course Structure**

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**Principles of Design and Technology** (50% of A Level, assessed through an exam)

**Content summary:** In this unit students will develop their knowledge and understanding of a range of modern design and manufacturing practices and contemporary design issues.

**Assessment:** This will be assessed through an examination that is 2 – 2.5 hours.

**Non-examined assessment** (50% of A Level, assessed through a design project)

**Content summary:** Students will produce a substantial design, make and evaluate project which consists of a portfolio and a prototype. The scope for this project is open and students are required to work with their teachers to identify a suitable design problem.

**Assessment:** The investigation report is internally assessed and externally moderated. The work will be carried out under controlled conditions.