



## A Level Product Design

### What you will learn:

Learners will not only design but also make prototypes that solve real world problems. Learners must demonstrate their ability to;

- \*Identify, investigate and outline design possibilities to address needs and wants
- \*Design and make prototypes that are fit for purpose
- \*Analyse and evaluate – design decisions and outcomes, including for prototypes made by themselves and others wider issues in design and technology
- \*Demonstrate and apply knowledge and understanding of technical principles, design and making principles

### Elements of the course:

The WJEC Eduqas A level in Design and Technology is a new qualification allowing pupils to specialise in Product Design. The course offers a unique opportunity for learners to identify and solve real problems by designing and making products or systems. The course encourages learners to use an iterative approach to developing their design ideas, applying creativity, imagination and practical skill.

### Where could it take me?

Combined, this potential skills set will be invaluable for pupils going onto higher education, entering into apprenticeships or industry directly. The course would suit pupils looking towards careers in product design, furniture making, engineering, the armed forces and manufacturing.

### Assessment:

The course is assessed equally through written examination and coursework;  
50% of qualification: written examination 3 hours  
50% of qualification: non-exam assessment, approximately 80 hours

## Entry Requirements

### Minimum Required:

Grade 4 or above in GCSE Resistant Materials or Electronic Products. **Standard Sixth Form entry requirements.**

### Preferred Requirements:

Grade 6 or above in GCSE Resistant Materials or Electronic Products and grade 4-9 in English Language, Mathematics and Science.

### Special Requirements:

If a student currently has employment or work experience within the manufacturing or construction industry, this would also help them with elements of their work. This is not essential.