

Design & Technology

(Product Design)

Are you imaginative, creative and innovative? Do you enjoy making things and solving problems? If so, this is the subject for you! During the course you'll complete a series of short design and make projects. There will be a fashion unit, a jewellery project (holder and jewellery) and a sustainability challenge where you will learn about the latest innovations in materials and technology. Your GCSE Design & Technology in Year 11 will be based on a design brief set by the exam board and will focus on a material area of your choice e.g. fabric, wood and/or electronics.



Qualification: GCSE
Examination Board: WJEC
Specification Code: 603/
1121/6

Topics Covered

During the course you will learn about a range of creative and technical skills across a broad range of disciplines; including fabrics, metals, woods, modern materials, plastics and electronics.

You will learn how to combine these material areas in new and inventive ways to create exciting products that will help people, environments and day to day living.

The theory will cover all material areas, their applications and uses, and the science and maths behind design (engineering links).

Assessment

- **Component 1:** Exam - 2 hours
- **Component 2:** Design & Make task (coursework) - 35 hours

Course Progression

Achieving a GCSE in Design and Technology will allow you to progress to level 3 courses such as Product Design AS/A2. This course is up and running at our Sixth Form.

Future Careers:

BA/MA courses in product, engineering, architecture, furniture, interior design.

Career Opportunities

There are many careers related to design and technology. They range from architecture, product design, engineering, furniture design to manufacturing and teaching.

Notes
