

Course Title: Design & Technology

Course Code/Codes: J310

Examining Body: OCR

What is the aim of this course?

This course will prepare you to participate confidently and successfully in an increasingly technological world. You will gain awareness and learn from wider influences on design and technology including historical, social, cultural, environmental and economic factors. You will get the opportunity to work creatively when designing and making and apply technical and practical expertise.

This course will allow you to study core technical, designing and making principles, including a broad range of design processes, materials techniques and equipment. You will also have the opportunity to study specialist technical principles in greater depth.

Why should I choose this course?

Have you ever wondered how buildings are designed or the process behind the creation of your phone? Studying design & technology will help you to answer these questions through a practical approach to your learning. The main focus is experimenting with different materials, tools and processes to create a product which can be evaluated for commercial viability.

How will I be assessed?

Paper 1: Principles of design and technology

- Written exam: 2hrs
- 50% of GCSE

Coursework: Iterative design challenge

- Approx 40hrs
- 50% of GCSE

Is this course for me?

Do you... have practical skills? Have a risk taking attitude? Enjoy being creative? Have confidence when using machinery? Display good drawing/writing skills? Have a good understanding of measurement and an eye for design? If you answered 'Yes', then the resistant materials course is right for you.

Possible career opportunities

There are a range of career choices open to you should you decide to continue your education in resistant materials. These include:

- Product design
- Industrial design
- Architecture
- Engineering
- Graphics design
- Furniture design
- Interior design
- Games/App developer



D & T (Resistant Materials)

GCSE