



GCSE DESIGN TECHNOLOGY

Type of subject:

Creative, practical, technical, academic

Examples of topics studied:

Design Technology is now a single subject combining a wide range of materials and skills previously only offered as specific disciplines. This exciting course will prepare students to participate confidently and successfully in an increasingly technological world. Students will gain awareness and learn from wider influences of Design and Technology including historical, social, cultural, environmental and economic factors.



What will you be doing?

- Understanding users – people, culture and society.
- Learning about a wide range of materials - paper, timber, metals, polymers, textiles, modern and smart materials, and their working properties.
- Designing – 2D & 3D sketching, modelling, using computer aided design (CAD)
- Making – using a range of materials and components. Using a range of tools and equipment, including computer aided manufacture (CAM)
- Looking at new and emerging technologies, industry and enterprise, sustainability and the environment
- Learning how things work - energy, systems and devices.
- Evaluating your own and the work of other designers.



You will get the opportunity to work creatively applying technical and practical skills using a wide range of materials including wood, metals, plastics, textiles, modern and smart materials.

How will this course be assessed?

AQA GCSE Design and Technology

- Assessment is 50% written exam (2 hours) investigating core and technical knowledge (in chosen material area)
- 50% Practical coursework (non-exam assessment).
A contextual challenge set by the exam board in Year 11.



Additional information:

Choose Design Technology - if you enjoy creating solutions, designing and making products using a range of materials and techniques.

If you study Design Technology, you could go on to study or work in art, product design, automotive design, engineering, architecture, jewellery design, set design, fashion design and many other areas. This course provides a good foundation to progress to A Level in Product Design or to diversify into other creative subjects. It is a good route for students wishing to study via apprenticeships.

Who should I talk to if I want to ask about this subject?



Mrs Y Moore (Head of Faculty)
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