GCSE Design and Technology

What will I learn?

GCSE Design and Technology 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.

You will study core technical and 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.

What do I need to know before I can start the course?

You will need to have a creative imagination, be able to produce a range of creative ideas for any product you are asked to design. Good drawing skills will be helpful although not essential. The ability to work on PowerPoint and 2D design software would also be helpful.

What does the course involve?

There are three elements that will be assessed. The first being an exam that makes up 50% of the overall grade. There is a design folder that will be assessed and finally a practical piece of coursework that will be marked. The design and making element makes up the other 50% of the grade.

What can I do after the course? What careers will this course be useful for?

Design skills and the ability to visualise new ideas can be useful in many job families such as marketing, sales and advertising, arts crafts and design, broadcast media and performing arts, journalism and publishing, construction, as well as engineering and manufacturing.

There is a range of apprenticeships that link to an interest in design technology, including: junior product designer, theatre set carpenter, farrier, service technician, civil engineering technician, plumber, design and draughting technician, engineering, model maker.

Who can I talk to for more information?

Mr McWilliams, Mrs Derome and any of the Creative Arts teachers.

What websites can I check out?

https://www.ucas.com/job-subjects/design-technology
https://www.data.org.uk/