Design and Technology

Textiles, Papers & Boards (Graphics), Timbers (Resistant Materials)

Course Aims

It is the aim of the Design and Technology Department to continue to deliver a high-quality comprehensive experience for students at KS4 that will provide a sound basis to continue through to A level, university and the world of work. We believe that we are training the 'designers of the future' and our courses will provide an exciting 'jumping off point'. Design and Technology will encourage you to develop design and thinking skills that will open up a world of possibility, giving you the tools to create the future.

What you will study

You will be studying a brand new specification that offers exciting opportunities to be both creative and practical. It will involve the development of many transferable skills that can be applied throughout your learning, whether during A level or further education. The course provides a broad depth of experience upon which to draw and enables a full understanding of the iterative design process and industry. You will relate to authentic real-life situations, analyse existing products and design and make a product to solve a problem that you have identified within a selected set context.

Course requirements

Beneficial attributes: an enquiring mind, creativity, enjoyment of practical tasks and problem solving.

You will study core technical aspects of all design areas including; metals, paper and board, polymers, systems, fibres and textiles, and timbers. You will cover your selected specialist area in more detail and do practical projects in this area too.

The Facts

Specialist Areas ON OFFER. You will choose **one** of the following areas to specialise in:	Level	Exam Board	Time Allocation	Assessment
Textiles				
Papers & Boards (Graphics)	GCSE Design and Technology	EDEXCEL	3 lessons	50% Coursework 50% Examination
Timbers (Resistant Materials)				

Further study and future careers
This GCSE offers great opportunities to follow careers in a wide range of professions such as Engineering, Architecture, Graphic Design, Product Design, Interior Design, Fashion and Textile Design, as well as many others. If you have a love of Science, then there are many opportunities to work in cutting edge industries where new products and technologies are constantly being developed.
Many degree courses value the problem solving skills embedded in this area of study, as do many varied careers.

For further information talk to any Design Technology Teacher