

Design and Technology

Aim:

The Design and Technology Faculty gives every pupil the opportunity to develop their knowledge, skills and understanding of the subject through a variety of design and make activities in a range of different disciplines.

How is the subject delivered?

All subjects within Design and Technology are taught through focussed practical tasks and design and make assignments.

Homework Policy :

Key Stage 3

Homework is given each week and includes activities such as researching a problem, writing about some practical work, preparing ingredients, sketching designs, finding out how something works, conducting a survey or completing an extended task.

Key Stage 4

Homework is essential to increase subject understanding and is normally given each week. When the examination project is underway sections of the project folder are completed at home.

Coursework – dates for completion:

Subject	Assessment Objectives (Start Objective 1 in February of Year 10 and complete Assessment Objective 6 by March of Year 11).					
	1	2	3	4	5	6
Electronics	March	April	May	July	January	February
Food	March	May	October	January	March	March
Graphics	April	June	September	October	February	March
Resistant Materials	March	April	May	July	January	February
Textiles	March	April	May	July	January	February

Key Stage 3

During Years 7, 8 and 9 pupils complete six teaching modules each year and study:

- Computer control
- Electronics
- Food
- Graphics
- ICT
- Mechanisms
- Resistant materials

Structures and textiles Pupils' performance is continuously assessed with National Curriculum levels determined at the end of each module. Key Stage 4

GCSE Design and Technology courses include:

- Electronics products
- Food Technology
- Graphic Products
- Resistant Materials

Textiles Technology The examination consists of a coursework project (60%) and a theory examination (40%). The project is completed during the final year of the course when pupils compile a detailed design folder and make a practical product(s).