Subject:

Design & Technology

Head of Department: Mrs Walters

GCSE

Exam Board: AQA

Course Description

Design and Technology (D&T) is the inspiring, rigorous and practical subject which prepares all young people to live and work in the designed and made world.
Design and Technology is about providing opportunities for students to develop their design and making skills with knowledge and understanding in order to create quality products.

The GCSE specifications in design and technology should enable students to understand and apply design processes through which they explore, create and evaluate a range of outcomes. They should enable students to use creativity and imagination to design and make prototypes (together with evidence of modelling to develop and product concept and function) that solve real and relevant problems, considering their own and others' needs, wants and values. GCSE specifications should also provide opportunities for students to apply knowledge from other disciplines, including mathematics, science, art and design, computing and the humanities.

The knowledge, understanding and skills that all students must develop have been separated into:
- Technical principles
- Designing and making principles

Specifications must require students to produce at least one final made prototype based on a design brief they develop in response to a contextual challenge set by Awarding Organisations. When completing their project students will apply designing and making principles and their knowledge and understanding of technical principles.

Assessment

Unit 1 External Examination
The exam is in two sections and will test knowledge of materials and processes
June of Year 11 – 50% of final mark

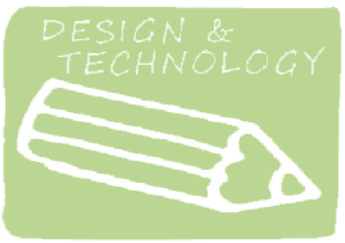
Unit 2 Internal 'controlled assessment'
Designing and making practice
From the end of Year 10 – 50% of final mark

Subject Teachers

Ms Kinsley
Mr Oliver

Higher Education Courses/Careers

A-Level in various design subjects
BTec Diploma in Engineering, Product Design or Construction.
Design & Technology can be studied at University in many forms.
Careers where this course may be useful are wide and cover all areas of design, engineering and construction.



* All qualifications are subject to change following consideration of any new specifications.