



Key Stage 4 Core Curriculum and Option Subjects

Product Design

All students will follow the AQA GCSE specification in Product Design. They will begin the course in Year 9 and complete it over three years. The course will end with a linear examination in Year 11.

Product Design is a practical subject area which requires the application of knowledge and understanding when developing ideas, planning, producing products and evaluating them.

The course allows students to develop many skills which will benefit them in pursuing future employment in areas such as architecture, designing, product design and civil engineering etc.

AQA GCSE Level

This course is a GCSE qualification where students will learn graphical drawing skills, computer aided design (CAD), computer aided manufacturing (CAM) and how to select and use appropriate tools. In addition to this students will learn about issues of sustainability and the environment when designing products.

The course is designed to support and develop a full range of theoretical and practical skills used in everyday working environments.

Course Content

Unit 1 is a 2 hour written exam paper.

- A total of 120 marks which equates to 40% of the total GCSE qualification.

Unit 2 is the Design and Making Practice.

- A total of 90 marks which equates to 60% of the total GCSE qualification.

Assessment

The coursework is internally assessed and moderated externally by AQA.

Students will also sit an external examination at the end of the course.

Marks from both of these assessments are aggregated to provide the final GCSE grade.



Progression

The course offers progression to A-Level 3D product design and university or employment in a range of areas.