



Course Title

Exam Board

**Design and Technology GCSE**

**AQA**

#### Course Description

Please note that students will be asked to select a preferred focus area of study when selecting GCSE Design and Technology. These are: 'Timbers, Metals and Polymers' (Resistant Materials), 'Textiles' and 'Papers and Board' (Graphics). This will form the main focus of their coursework (NEA) and exam however all students will be undertaking work from all areas of Technology.

GCSE Design and Technology is a course which focusses on the design and manufacture of modern products as well as understanding principles that go into their creation. Students will use creativity and imagination to design and make prototypes that solve relevant, real life problems, considering their own and others' needs, wants and values.

In years 9 and 10 students will be developing skills to prepare them for their GCSE coursework (Non Examined Assessment). Students will work with Timbers, Metals, Polymers, Textile and Papers & Board. They will create several products that will prepare them for their next year and to develop skills to support their portfolio. They will explore a range of designing techniques from freehand through to CAD as well as developing research and analysing skills.

In year 11 students will be completing their NEA (Non Examined Assessment) coursework which is worth 50% of their grade. Pupils will get the chance to explore and apply their knowledge of materials to solve a real world problem given by the exam board. The NEA consists of a full design folder with research, design and evaluation as well as a fully working practical product which can incorporate any materials they have studied. At the end of year 11 students will sit an exam constituting 50% of the overall grade where they will design a product and demonstrate their theoretical knowledge of Design & Technology.

#### Type of Assessment

50% Non-Examined Assessment  
50% Exam (Single Tier).

#### Career and Progression Opportunities

This qualification supports progression into further study or training in Product Design which can lead on to careers in the fields of Product Design, Graphic Design, Furniture Design, Textile Design, Engineering, Surveying, Architecture, Teaching as well as training and apprenticeships in craft related fields.

#### Link to Syllabus

<http://www.aqa.org.uk>

