

Design and Technology: Product Design: 3D Product Design

Teachers: Mr Hull and Mr Ward

Examination Board: **AQA AS and A2**

The course aims to-

- Develop a broad view of design and technology
- Develop their capacity to design and make products
- Appreciate the complex relations between design, materials, manufacture and marketing.

AS outline

At AS level students develop an understanding of a broad range of materials, with emphasis on the life cycle of products, manufacture and final disposal. We will also consider the broader issues for designers including the environmental sustainability of products and consumer safety:

- Unit 1: (PROD1) Materials, Components and Application
- Unit 2: (PROD2) Learning Through Designing and Making (coursework project/s)

A2 outline

At A2, the course offers students the opportunity to further develop the knowledge and practical skills from AS. Students will continue to develop a body of coursework alongside an understanding of the processes and procedures of commercial production and manufacture:

- Unit 3: (PROD3) Design and Manufacture
- Unit 4: (PROD4) Design and Making Practice. (Self-initiated coursework project)

For a full breakdown of the unit topics and assessment requirements, see www.aqa.org.uk

The entry requirements are:

5 A*-C passes at GCSE including English, and at least a C grade in a D&T subject at GCSE level.

Candidates who have not completed GCSE D&T but have achieved an A* - B grade in Art will also be considered for this course. They should contact the head of D&T for further information.