

# D&T – Product Design (3D)

## DESIGN AND TECHNOLOGY DEPARTMENT

Head of Department: Mr D Parfitt

**Why choose the subject?** Are you willing to use your imagination and creative talents? Do you enjoy making things? Are you interested in the way products look? Then A level Product Design may be for you.

Product Design may be combined successfully with most other A levels. It can lead to a career in its own right or to a career in Engineering, Architecture, Interior Design, Art or Graphics. It is a good general qualification and is readily accepted by most universities. You can expect practical work and visits to enhance your studies.

**Who is eligible?**

This course provides direct progression from GCSE Product Design Graphic Products and Resistant Material courses but previous study of any Design & Technology or Art based subject is an advantage, not a pre-requisite. A genuine interest in this type of work, a positive attitude and a willingness to work hard are equally important.

## A LEVEL QUALIFICATION

Examination Board: AQA Specification No. 7552	Written Paper 1	
	Description of Subject Content	Technical principles. Written paper with a mixture of short and extended response questions.
	Weighting Nature of Exam	120 marks 30% of total A level mark 2.5 hour written paper
	Written Paper 2	Designing and making principles
		<ul style="list-style-type: none"> <li>➤ Written paper with a mixture of multiple choice, short and extended response questions</li> <li>➤ Section A Product analysis questions based on a visual stimulus (30 marks)</li> <li>➤ Section B Commercial manufacture questions (50 marks)</li> </ul>
	Weighting Nature of Exam	80 marks 20% of total A level mark 1.5 hour written examination
	Non examination assessment	
	Description of Subject Content	Written (or electronic) design portfolio and manufactured outcome. (100 marks)  Students are required to undertake a single substantial design and make task.
	Length of Exam Weighting Nature of Exam	Approximately 45 hours' work 50% of total A level mark Coursework Folder and Product

## AS LEVEL QUALIFICATION

Examination Board: AQA Specification No. 7551

### Written Paper

Description of Subject Content

Core technical principles, core designing and making principles and additional specialist knowledge.  
Written paper Consisting of two sections:-

- Section A Technical Principles (45 marks).
- Section B Designing and Making Principles (35 marks).
- Both sections contain short and extended response questions

Weighting

50% of total AS level mark

Nature of Exam

2 hour written paper

### Non examination assessment

Description of Subject Content

Written (or electronic) design portfolio and manufactured outcome(s). (80 marks)

Students are required to undertake a small design and make task and produce a prototype based on a design brief developed by the student developed from a context provided by the examination board.

Length of Exam

Approximately 35 hours' work

Weighting

50% of total AS level mark

Nature of Exam

Coursework Folder and Product (35 pages)

## STUDENT VIEW

### Product Design (3D)



Product Design combines academic study with creativity while giving students the opportunity to develop practical skills. Studying this course at A level gives you the freedom to design a solution to combat a design issue of your choice, making a fully functional product, prototype or architectural model. As well as being great fun, studying Product Design equips you with a wide range of skills that can be taken forward to university, a future career and life after education.

Class of 2016