

D&T – Product Design (3D)

DESIGN AND TECHNOLOGY DEPARTMENT

Head of Department: Mr D Parfitt

Why choose the subject?	<p>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.</p> <p>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.</p>
Who is eligible?	<p>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.</p>
Note	<p>At the time of writing, none of the awarding bodies have had their specifications approved by OFQUAL. We therefore have not made a final decision on which examination board specification we will use. The choice will probably be between AQA and EDUGAS and you can review their latest information by following the links below.</p> <p>http://www.aqa.org.uk/subjects/design-and-technology/as-and-a-level/design-and-technology-product-design-7552</p> <p>http://www.edugas.co.uk/qualifications/design-and-technology/as-a-level/</p>

A LEVEL QUALIFICATION

Year 2017/19 Advanced Level Award Examination Board: TBC	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"> ➤ Written paper with a mixture of multiple choice, short and extended response questions ➤ Section A Product analysis questions based on a visual stimulus ➤ Section B Commercial manufacture questions
	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

Year 2017/18 Advanced Subsidiary Award Examination Board: TBC	Written Paper	
	Description of Subject Content	Core technical principles, core designing and making principles and additional specialist knowledge. Written paper Consisting of two sections:- <ul style="list-style-type: none"> ➤ 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