

PRODUCT DESIGN

QUALIFICATION

Advanced Level
Exam Board: AQA

REQUIREMENTS

Level 5 in Resistant Materials or Product Design
Level 5 Mathematics

Why study Product Design?

This is a creative and though provoking qualification, which gives students the practical skills, theoretical knowledge and confidence to succeed in a number of careers.

Students investigate historical, social, cultural, environmental and economic influences on design technology whilst also developing their practical skills through design and making.

This is a linear course with examinations and practical pieces completed in Year 13.

What skills are required?

- A real interest and enthusiasm for Product Design (Resistant Materials at GCSE);
- Drawing ability;
- A keen interest in developing your modelling and making skills.

Course Content

Students have lessons, which are divided into theory knowledge; Technical Principles, and Designing and Making Principles. There is also coursework (NEA), which is 50% of the overall qualification.

Throughout the course students study key design styles and movements, including Art Deco, Bauhaus, Post Modernism, together with key influential designers such as Phillipe Starck, James Dyson, Margaret Calvert, Dieter Rams and Charles and Ray Eames.

The NEA (Non Examined Assessment)

In Year 12 students will do the NEA project which is to design and make a product to a given brief.

In Year 13 the choice of topic for the NEA project is the student's own choice. This open up a wealth of possibilities for students and allows them to become totally immersed in solving a design problem, and the production of a 3D solution for a client of their own choosing.

How it will be assessed:

Paper 1	Paper 2
Theory	Theory
Technical Principals Written exam: 2 hours <ul style="list-style-type: none">• 100 Marks• 25% of A Level• Questions are a mixture of short, multiple choice and extended response	Designing and Making Principles. Written exam: 2 hours <ul style="list-style-type: none">• 25% of A Level• Questions are a mixture of short, multiple choice and extended response

Progression

Product Design leads to a range of exciting and versatile careers and prepares students for the specialist areas of:

Product Design – Three Dimensional Design, Furniture, Industrial Design, Interior Design.

Engineering – for this route a combination of Mathematics and Physics might be required.

Students can go on to University to study Product Design, Industrial Design or Three Dimensional design.

Product Design leads to a range of versatile careers such as Product Designer, Architect or Engineer.

Staff

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