



# Product Design



## Course Outline

Product Design is a linear qualification which is examined at the end of year two. It requires students to engage in both practical and theoretical study.

50% of the course is graded on a design and manufacture where students will make a product to fit a Design Brief.

Indicative Content as follows:

- Materials and their applications
- Manufacturing Processes
- Modern Industrial and Commercial Practice
- Digital Design and Manufacture
- Design Development
- Health and Safety
- Responsible Design
- Design Styles and Movements
- Enterprise and Marketing

## Exam Board

Pearson Edexcel.

## Skills Required

Successful students will have a passion for the subject and will have studied Design Technology at KS4. They must be dedicated and motivated as this is a coursework heavy subject which requires a large percentage of the work to be done outside of timetable lessons.

Students will need an excellent memory for the theories, processes and materials involved in Product Design and creative mind to create innovative and unique solutions. They will need to be confident in the workshop and be willing to practice different practical techniques.

## Entry Requirement

- GCSE Maths grade 5 and above.
- GCSE English grade 5 and above.
- GCSE Design Technology (any discipline) grade 5 and above.



## Future opportunities

Product Design is a very versatile subject that can lead on too many different paths. It is excellent for Further Education in creative subjects at University and College. Subjects such as architecture and engineering look for students with this qualification. It is also excellent preparation for Practical based apprenticeships.

