

## SUBJECT

# Design Engineering GCSE

## DEPARTMENT

Design and Technology

## QUALIFICATION

GCSE Grades 9-1

## EXAM BOARD

AQA



Product Design is a practical subject area which requires the application of knowledge and understanding when developing ideas, planning and making products and evaluating them. You will be required to show enthusiasm and a high level of dedication, as well as be able to work creatively, methodically and independently.

### How is the course assessed?

Written exam:  
50% of GCSE, 2 hours.

Non-exam assessment (NEA):  
50% of GCSE, 30 - 35 hours.

### What subject specific topics are covered during the course?

- Drawing skills
- Designing skills
- Computer Aided Design and Computer Aided Manufacture
- Making Skills
- Materials and Components
- Design and Market Influences
- Processes and Manufacture

### What are the expected outcomes from the course?

Product Design encourages candidates to be inspired, moved and challenged by following a broad, coherent, satisfying and worthwhile course of study. Students gain an insight into related sectors such as manufacturing and engineering. It prepares candidates to make informed decisions about further learning opportunities and career choices.

### What can students use the course for?

Product Design prepares candidates for taking higher level courses or for entering the world of work. Students may choose to further their skills and go on to study:

- Product Design
- Industrial Design/Engineering
- Furniture Design/Packaging Design
- Interior Design
- Architecture
- Landscape Design
- Set Design
- Automotive Design
- Eco Design
- Design Marketing and Advertising

Please note - a £10 annual contribution will provide materials and technical drawing equipment so that students can bring their products home.