# PRODUCT DESIGN

SIXTH FORM

## COURSE TITLE

**A Level Design and Technology: Product Design**

**Exam Board: AQA**

## AIMS OF THE COURSE

The emphasis of the course is to place a renewed understanding and application of the iterative design processes. Students will use their creativity and imagination to design and make prototypes that solve real and relevant problems, considering their own and others' needs, wants and values. This forms 50% of the course. The exam forms the remaining 50% and students are expected to apply their Design and Making knowledge with a detailed understand of Technical principles for the two exam papers.

## WHAT WILL YOU STUDY?

You will learn the fundamentals of the subject and develop the key knowledge, skills and experience needed for further study or an Apprenticeship. .

The course has been designed to encourage pupils from all material specialisms at GCSE. Throughout the course, you will study a range of theoretical components to understand wider design practice and manufacture. Practically, in Year 12 you commence with a skills developer course to enrich and extend your practical knowledge and creativity. In the second term you commence your NEA worth 50% which is then completed in Year 13.

## HOW WILL YOU BE ASSESSED?

The non-exam assessment (NEA) is worth 50% of the course. There are two externally set and assessed exams for A Level Product Design, which make up the remaining 50%. It is a linear course and so all exams are at the end of the two years of study.

## WHAT WIDER SKILLS WILL YOU DEVELOP?

Design and practical skills. Presentation and design communication skills including CAD. Critical thinking, review and evaluation skills. Problem solving and working with 3rd party client. Application of mathematical skills.

## WHAT ARE THE FUTURE OPTIONS FROM THE COURSE?

Further study at University such as degrees in Product Design, Industrial Design, 3D Design, Architecture, Engineering, Foundation Course in Art & Design, Automotive Design, Furniture Design etc. Apprenticeships in Engineering.

Careers will largely be in Engineering and Design related fields.