# Design & Technology

# Product Design

## A-Level

# Introduction

Product Design offers students an opportunity to gain personal satisfaction and a positive experience from working with a variety of materials. The practical problem-solving processes on this course will encourage independent learning, creativity and innovation.

Students are encouraged to develop their own creativity, design and technological capability to produce high-quality products.

The application of the skills of design production processes to a range of technological activities and the presentation of their ideas using information and communication technology, form a major element of this course.



# Links to other subjects

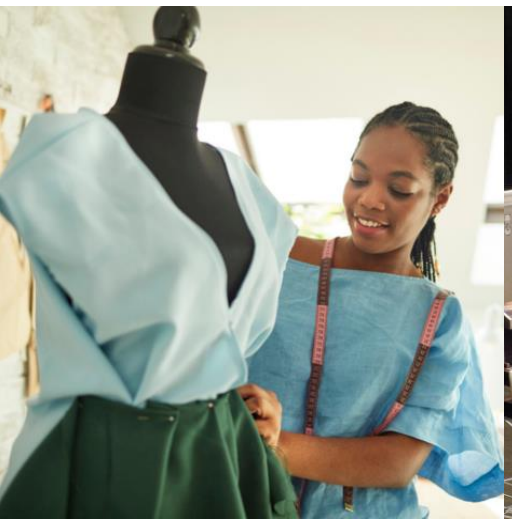
Both Science and Art based courses of study at A-level will support the type of work involved in this Design and Technology course, in particular Art, Physics and Business Studies.

As a Design based course skills such as isometric sketching and rendering will improve the overall look of the coursework while a deeper understanding of the wider world will help to develop research and exam answers.

# Careers

Product design courses don’t just lead you into design-based careers such as architecture and engineering.

These types of courses show your understanding of research, analysis, problem solving and 3D thinking alongside hands on skills. Paired with other subjects, product design can grant you access into wider areas such as marketing, project management and other leadership roles.






# A-Level Course

Students will follow the Edexcel Design and Technology: Product Design Specification. This includes two components similar to GCSE.
Component 1: Principles of Design and Technology (2 hours 30 mins exam) - 50% of the total A-level mark.

Component 2: Independent Design and Make Project (NEA) - 50% of the total A-level mark.

Please speak with Mr Birkett, Mrs Smith or Miss Burns for more information