



Design and Technology: Product Design A Level (OCR)

Why study this subject?

This course gives an opportunity to explore designing and making skills in a variety of areas which all contribute towards the overall area of Product Design. This course includes a substantial practical element. The content covers topics such as consumer issues, materials and their applications, marketing and industrial/commercial aspects of manufacturing.

Newton House is a purpose-built Technology Block with five rooms, including one wood workshop, one metal/plastics workshop, two textiles classrooms and a purpose-built ICT suite. Computers are available in a purpose-built suite and in the central areas with Autodesk, Adobe Illustrator, 2D Design, Spreadsheets and Office software.

Computer aided manufacturing is available in Product Design with facilities for laser cutting, 3D printing and sublimation printing. Subjects that work well with Product Design are Art, Mathematics, Sciences, ICT, Photography and English.

Entry Requirements

Please see the entry requirements page on the school website.

Content

During Year 12 you will explore designing and making skills and practices through practical activities and theory lessons.

In Year 13 you will carry out a major project by designing and making a product and supporting folio for a client. You will also complete a formal exam including a designing section.

**Assessment**

Qualification	Unit	A Level %
A Level	Examination	50
	Coursework: Design and Make	50

Future courses and possible careers

Students in the past have progressed to Loughborough, Coventry, Kingston, Bournemouth and Southampton universities and Ravensbourne and Central Saint Martins Colleges of Art. They studied courses such as Product Design, Architecture, Engineering, Marketing and Graphic Design.