



**Course  
Overview  
(Y12)**

**By the end of this course you will have:**

1. Been able to apply your designing and making skills to develop innovative and creative products of your own.
2. Used a wide range of materials and processes to produce products of high quality.
3. The ability to think like a designer, seeing life in terms of design problems and solutions and understand how Product Design can be applied in the real world.

This qualification provides a broad basis of study for the Product Design, enabling you to Design and make creative Products that solve real life problems and fulfil design needs. As well as studying historical, social, cultural, environmental and economic influences on Design and Technology.

**Course Content:**

Year 12 aims to build up students' knowledge and understanding of Materials, Components and their Application. As well as being an opportunity to design and make products of your own.

Year 13 teaches students about the Design Industry, the Market influences that Designers must consider and the industrial processes involved. This is where there is a major Design and Make coursework project (NEA)

**How will you be assessed?**

**Non-exam assessment = 50%**

This is one large Design and Make Project, this will be started in June of Year 12, and completed in Year 13.

**External Exams = 50%**

Design and Making Principles = 20%

Technical Principles = 30%, as part of this 15% of the marks in the exam will assess mathematical skills in the context of Design and Technology.

**Useful  
websites**

<https://www.aqa.org.uk/subjects/design-and-technology/as-and-a-level/design-and-technology-product-design-7552>

**Essential text  
books and  
reading list**

Title: AQA AS/A-Level Design and Technology: Product Design (2017) Paperback  
Price: £32.99 (Amazon)