Product Design [Level 3: AS / A2]

AQA

INTRODUCTION:

Design and technology is an area of study that focuses on planning, designing and creating products which people use. With any product, someone had to spend a great deal of time thinking about how to make it look aesthetically pleasing and function well as a product. That's what design and technology is all about!

While studying this subject, you can learn how to design and make anything from electronics, clothing, furniture and even programmable products. By studying design and technology, you'll be able to build up your creativity, problem solving, planning, and evaluation skills.

ENTRY REQUIREMENTS / SUITABILITY:

GCSE Design and Technology: *Grade 6*

Design and technology goes well with art, but also science and technology subjects, including physics, maths, chemistry and IT.

When it comes to the sciences, having knowledge of how physical and chemical processes work can come in handy when designing different products.

CONTENT:

1)   Materials and Components
      Design and Market Influences
      Processes and Manufacture

2)   Product Analysis
      Commercial Manufacture

LEADS TO:

Design and technology can set you up for a career in a wide variety of industries such as fashion, engineering, architecture, information technology, careers in hospitality, and even education. Popular careers for people with design and technology qualifications include: product designer, architect, software engineer, graphic design, civil engineer, industrial designer etc.

ASSESSMENT:

Exam Paper 1: Externally assessed written paper   30% weighting

Exam Paper 2 Externally assessed written paper   20% weighting

Coursework: Internally assessed & Externally Moderated   50% weighting