Design Technology: Product Design
A Level

Exam Board: **Edexcel**

What is Design & Technology?

Design & Technology is the engagement of people with the designed and made world around us, and the ability to harness the benefits of technology. It is the knowledge of how products and systems are designed and manufactured, how to be innotative and creatively use resources to improve the world around us.

 "Design and technology is a phenomenally important subject. Logical, creative and practical, it's the only opportunity students have to apply what they learn in maths and science - directly preparing them for a career in engineering. It appeals to the brightest of young minds." – James Dyson

What will I study?

Component 1: Principles of Design and Technology (Theory)

Component 2: Independent Design and Make Project (Design Portfolio and 3D Product)

What entry requirements will I need?

In addition to the general entry requirements you will need a grade 5 in Maths and Science.

How will I be taught?

Students will learn through a variety of short focused tasks as well as longer design and make tasks. Students will be expected to research further their subject knowledge, through investigating the work of designers past and present.

How will I be assessed?

Test Paper 2 hours and 30 minutes (120 marks)

A substantial design, make and evaluate project. The project will consist of a portfolio and a prototype (120 marks)

What career opportunities does this open up?

Design & Technology opens up many diverse career paths in the arts and creative industries and is the ideal first step into a career in engineering. Other careers include: product design, industrial design, construction, surveying and architecture.