

# Design Technology

GCSE Grade 1-9



## Written Examination: 50%

We will study core technical and designing and making principles, including a broad range of design processes, materials techniques and use of a range of equipment. You will also study specialist technical principles in greater depth. You will also be tested on your ability to apply what you have learnt in Science and Maths.



## Non-exam Assessment 50%

In year 11, you will be asked to conduct a single, individual, design and make project, assessing your design and making skills and the knowledge and understanding of the scientific principles behind you product.



## Year 10 Work

You will undertake a series of mini practice projects, learning how to design and make new and better solutions to real problems. You will also study theory and acquire new practical skills working with and combining a wide range of different materials and components using both hand and computer aided tools and equipment.



## Skills for life:

Practical Skills with a large range of tools and materials and problem solving design skills.

## Future Studies:

A Level Design and Technology at our sixth form. Apprenticeships in Computer Aided Design, Graphic Design, Manufacturing, Building etc. Vocational qualifications at local Colleges

## Higher Educational Studies:

Degree courses at University in Architecture, Design Technology and various Engineering

## Where can success take me?

Product Designer, Industrial Designer, Architecture, Civil Engineering, Mechanical Engineering, Aerospace Engineering, Computer Aided Design, Graphic Design, Ergonomist, Materials Scientist, Teaching, Manufacturing, Building and Construction, Plumbing, Joinery, Gas Fitting, Information Communication Technology etc.