

Future Prospects

Students can go onto study

A Levels

BTEC

Apprenticeships

Students may then go onto study design courses at university
such as

Product Design

Graphic Design

Mechanical Engineering

Students could also go on to pursue careers in

Engineering

Product Design

Graphic Design

Architecture

Furniture Design

Automotive Design



GCSE Design & Technology Materials

Product Design Focus

2020-2022

Please see a member of the Technology team for more information

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A FOUNDING MEMBER OF

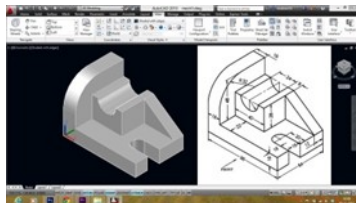
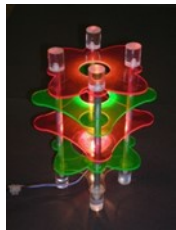


The new GCSE places greater emphasis on understanding and applying iterative design processes. Students will use their creativity and imagination to design and make prototypes that solve real and relevant problems, considering their own and others' needs, wants and values.

Students learn and develop skills in the school's brand new up to date facilities. Students learn about traditional materials and making processes of the 21st century, cutting edge smart materials and computer aided design and manufacturing processes, using industry standard software.

Material Areas:

- Natural and manufactured timber
- Thermoforming and thermosetting polymers



You have to produce a piece of Non exam assessment (controlled assessment) representing about 45 hours of work. The NEA will include a design folder that explores design ideas that are modelled and developed in to a final prototype. You will be able to use all different types of materials for your design ideas. This assessment accounts for 50% of your final grade, with strict deadlines in place.

You will also have a written exam at the end which will cover a broad knowledge of all areas of design and technology, materials (metals, textiles and paper and boards) 15% of the exam will be math based, the whole exam will account for the other 50% of your grade.

