Edexcel GCSE
Design and Technology:
Timber

Why should I study GCSE Design & Technology: Timber?

You should opt for this course if you:

- Like to be creative
- Enjoy designing
- Like practical work
- Don't mind getting dusty

What will I study?

Pupils are taught the skills and knowledge required to pass the course through a combination of teacher led sessions and mini build up projects to reinforce learning. Areas covered include the design process, making in wood, making in metal, making in plastics, modern materials, commercial production methods safety and systems and control.

The first year of the course is mainly theory based with one small mini project to practice design skills and portfolio productions. The second year of the course creates one major project based upon the board published design scenario for that year. After completion of the major project and portfolio students prepare for the final examination.

How will I be assessed?

This course is assessed in the following way:

- Pupils complete a major project comprising a made artefact and a 20 page design portfolio worth 50% of the total marks
- Pupils sit a 2 hour exam worth 50% of the total marks

Which skills will I develop and use?

Students are taught to:

- select and use tools/equipment and processes to produce quality products
- use tools and equipment safely with regard to themselves and others
- work accurately and efficiently in terms of time, materials/ingredients and components;
- manufacture products applying quality control procedures;
- have knowledge of Computer-Aided Manufacture (CAM) and to use as appropriate;
- ensure that the quality of their products is suitable for intended user

How will I be able to use this subject in my future career?

This course provides a good basis for progression to A level product design or engineering and is highly regarded by organisations as a good qualification when applying for apprenticeships.