

## RESISTANT MATERIALS TECHNOLOGY (GCSE or Entry Level)

This course involves designing and making, which is delivered through using wood, metal and plastics.

Lessons will take place in a newly built workshop similar to the one in the picture.



### What will I learn ?

Much of the work during lessons will involve practical activities and a main project will involve pupils making a useful object which they will take home.

The course will give students the opportunity to use CAD software to enhance the quality of their work and also develop their designing skills. Students will be supported on the course with project guide booklets and mark sheets to help them through the major project.

Regular marking and feedback will enable progress to be made throughout the project and ensure problems are quickly addressed.

Homework will be related to the knowledge and understanding of the course and some will also be related to the major project.

### How will I be assessed?

60% of the final mark is for the project work (coursework)

40% of the final mark is for the final written paper. Many of the questions are related directly to designing and making similar products to those made in school.

### What do I need ?

To help pupils produce work of a high quality it is recommended that a range of graphic materials are purchased:

- Pencils - 2H HB 2B
- Crayons - a basic set of coloured pencils
- 300 mm ruler
- Fine line ink pen - black

## Project planning

Year Group	Autumn Term		Spring Term		Summer Term	
US6	Induction Task	Investigation Task	Design Task (s)	Making Task	Design Task (s)	Marketing task
US8/9	GCSE Coursework	GCSE Coursework	GCSE Coursework	GCSE Coursework	GCSE Coursework	
	Unit 1: Design Activity	Unit 1: Design Activity	Unit 2: Make activity	Unit 2: Make activity	Unit 2: Exam revision	Unit 2: June Sitting