

## Subject: Design Technology

### Year 7

Students study the following topics:



- What is Design Technology?
- Health and Safety
- Use of materials which will including 3 of the following - Food, Textiles, RM, CAD/CAM
- Use of hand and machine tools in a range of areas
- Research skills
- Design skills
- Constructing products in all 3 areas
- Focusing on producing a quality product

### Year 8:

Students study the following topics:

- Students will build on the foundation of year 7
- Health and safety including risk assessment
- Extending design skills, including types of drawing suited to purpose
- Use of materials in the areas of Food, Textiles, RM, CAD/CAM
- Use of a range of tools including hand and machine across the 3 areas
- Construction skills across the 3 areas

### Additional information:

Students will benefit from being aware of Design Technology advancements including the development of new materials and their application.

Students have access to design packages used in their CAD/CAM course.