



Metals

Description

In year 10, the students design and complete a project of their choice, documenting the design process in a workbook. The main material is metal and the tools are those that are related to working with metal. The cost of materials are based upon student choices and met by the student.

Unit Topics

The students complete a folio on the stages and steps of the product and design process, complete the production of their design then evaluate the product against criteria and end user feedback.

Skill Development

The students develop design and production skills learning how to apply these to correctly, safely to use tools and equipment to complete their project.

Possible Assessment Tasks

Completion of the workbook, Successful completion of the construction of the project.

Career Options

Machining, Steel Fabrication, Boiler making, Welding, Scaffolding, Mechanics, Engineering