

# Vocational Engineering | Level 1/2

**TEACHER RESPONSIBLE FOR COURSE** : Mr S. Gilham

## **What is a vocational award in Engineering all about?**

The level 1/2 award in Engineering is designed to support students who want to learn about Engineering from the design and planning perspective. It provides learners with a broad introduction to the engineering sector and the types of career opportunities available. Year 9 will be a foundation year and the formal qualification to be undertaken in year 10 and 11.

## **What will I study as part of this qualification?**

This qualification shows you how to:

- Develop a broad understanding of the engineering sector
- Use tools and equipment
- Learn different engineering drawing techniques
- Re-design products
- Perform a range of techniques and processes using selected materials
- Manufacture an engineered product

## **What knowledge and skills will I develop as part of this qualification and how might these be of use and value in further studies?**

You will develop:

- skills required for independent learning
- the ability to problem solve
- the skills of project based research, development and presentation
- the ability to apply learning in vocational contexts
- skills in preparing and reading engineering drawings
- skills in using tools and equipment
- skills in selecting and preparing engineering materials
- communication skills