

# ENGINEERING



## 11 - 12 TRANSITION WORK

### Introduction

These tasks will help you explore how processes and techniques are undertaken by teams to create engineered products safely. The use of engineering processes is integral to the manufacture of engineered products and the delivery of engineering services. Thousands of engineering processes are used in the manufacture and service of a complex product, such as an aeroplane. To ensure that these engineering processes can be planned and carried out safely and effectively, engineers must be able to work together to get the job done. It is for this reason that so many engineering companies focus time and effort on understanding engineering processes and developing teamwork.

Please email completed tasks on the 3rd of September 2026 to [gareth.williams@cset.co.uk](mailto:gareth.williams@cset.co.uk)

### 1 - Prepare for learning

Bring this with you to your first lesson -

- Scientific Calculator (Unit 1 engineering principles)
- Folder to organise your work in.

### 2 - Tasks for learning

- **Understanding engineering drawings to BS8888**- Watch the video to get a basic understanding of working within british standard drawing techniques.  
[BS8888 BS8888 explained](#)
- **Basic SolidWorks skills** - Watch the video, it will give you some idea of the software you will be working with in September.  
[Basic SolidWorks](#)

### Optional

The task should take approximately 2 hours in total to complete.

- Choose one engineering process from **Joining, Forming** and **Wasting**.
- Explain in detail the process you have chosen.

Link to task on Engineering Transition Work icon.