

Keywords: YR 11

Autumn 1

Engineering

Topic Title: Engineering

Introduction to the topic: Engineering materials and processes.

What lessons will you cover during the topic? Materials and their properties, communicating engineering plans.

Keyword	Definition
Service drawings	Will help someone service/repair a product
Batch Production	Making a batch of the same product before moving on to the next product
Schematic	Diagram made up of symbols, which gives a plan of how something works, rather than what it actually looks like
Justify	Explain the decisions you have taken
Critical production point	A point in production when things are most likely to go wrong
Quality control point	A stage in the process where the quality of the product is checked
Alloy	Metallic material made from more than one metal
Thermosetting plastic	A plastic that remains rigid when heated
Thermoplastic	A plastic that melts when heated
Ceramics	Hard, brittle materials made from non-metallic materials heated to high temperatures