

Keywords: YR 11

Spring 1

Engineering

Topic Title: Engineering

Introduction to the topic: Why are you learning it and how does it link to what you've learned before?

Engineering documentation.

What lessons will you cover during the topic?

Planning and communicating engineering systems, sharing information and the importance of information.

Keyword	Definition
Tempering	A process to make hardened materials less brittle
Assembly drawings	Will help someone to put the product together
Duties	Tasks that are your responsibility
Sensor	A device that sense something such as temperature of pressure, and feeds it into a control system as an input
Database	Software that stores, searches and sorts data and information
Spreadsheet	Software that performs calculations and plots graphs
Information	Data put into context so that it has meaning and we can make decisions based on it
Feedback	Using data output from the computer system to change the input
Recommendations	Most tools will come with manufacturer's instructions about use, maintenance and shortage

Economies of scale	Buying large quantities in order to reduce the price of each product
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