

Keywords: YR 11

Spring 2

Engineering

Topic Title: Engineering

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

Making things move, using materials.

What lessons will you cover during the topic?

Further properties of materials, quality control, manufacturing moving parts.

Keyword	Definition
Gear train	Series of connecting gears
Gear box	Series of connecting gear trains
Gear ratio	The number of teeth on a driving gear
Composites	Materials made from two or more materials, which are not chemically joined
GRP	Plastic reinforced with strands of glass
X-ray	Using radiography to check the inside of a product
Ultrasound	Using sound waves to check quality
Mechanical	Operate on or using a machine or mechanism
Engineering	The application of science to manufactured things

Communication	Sharing ideas with other people, either verbally or in writing
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