

Keywords: Autumn 2

Engineering

Topic Title: Engineering in action.

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

Tools and materials.

What lessons will you cover during the topic?

Key tools and techniques, core materials.

Keyword	Definition
Polymer	Plastic' materials such as acrylic or ABS
Mild steel	A ferrous metal commonly used in engineering
Aluminium	A non-ferrous metal commonly used in engineering
Dividers	A marking out tool used for drawing circles or radii
Odd-leg callipers	A marking out tool used to scribe a line parallel to an edge
Hacksaw	A type of saw used for cutting metals
Centre lathe	A machine used for turning cylindrical profiles
Pillar drill	A machine used to create circular holes in materials
Quality Control	Processes and checks used to ensure engineered products are well made
Process Description	A set of instructions describing how to make each part of an engineered product