



Subject Specialist Vocabulary-RM/CAD/CAM



<p>Jig</p> <p>In metalworking, a jig is a type of custom-made tool used to control the location and/or motion of another tool.</p>	<p>Circuit</p> <p>A complete, closed system of electrical components that an electrical current can flow around.</p> <p>Prefix: circ - around</p>	<p>Lever</p> <p>A solid bar resting on a central point where one end lifts up when the other is pushed down, e.g. a see-saw.</p>	<p>Disassemble</p> <p>To take apart.</p> <p>Prefix: dis - away, not, reverse</p> <p>Root Word: assemble</p>	<p>Materials</p> <p>Fabric, cloth; substance from which a thing is or can be made.</p>
<p>Perspective (Drawing)</p> <p>The illusion of three dimensions in a 2D image: used to create an illusion of space and depth.</p> <p>Prefix: per – through</p> <p>Suffix: ive - like, by nature</p> <p>Root Word: spect - looking</p>	<p>Renewable</p> <p>Can be replaced as fast as it is used, e.g. replanting trees.</p> <p>Prefix: re - again, back</p> <p>Suffix: able - can be done</p> <p>Root Word: new</p>	<p>SMART (Material)</p> <p>A material that reacts to a change in conditions.</p>	<p>Template</p> <p>A shaped piece of rigid material used as a pattern for processes such as cutting out, shaping, or drilling.</p>	<p>Isometric</p> <p>A drawing made up of vertical lines and lines inclined at 30 degrees to the horizontal, to give the impression of three dimensions.</p>



Subject Specialist Vocabulary-Textiles



Weft

Threads which go across the width of a fabric.

Warp

Threads which go along the length of a fabric.

Interfacing

Interfacing is a textile used on the unseen or "wrong" side of fabrics to make an area of a garment more rigid.

Natural Fibre

Fibre derived from plants or animals.

Synthetic Fibre

A manmade fibre (not natural).

Prefix: **syn** - together, with

Suffix: **ic** - to do with

Root Word: **thet, thesis** - putting, placing

Embroider

To decorate something by sewing designs and patterns with decorative stitches and coloured threads.

Prefix: **em / en** - in, on

Patchwork

A design made by sewing fabrics of different colour, pattern and texture together to create a pattern.

Manufacturing

Making something on a large scale.

Applique

A decorative technique where fabric shapes are cut out and sewn onto a larger background cloth (French for 'applied').

Prefix: **ad / ap** - towards; for; addition

Root Word: apply

Embellishment

A decoration or detail added to make a creation more attractive; the action of adding such detail or decoration.

Prefix: **em / en** - in, on

Suffix: **ment** - result of an action