**Design Technology**

**Glossary of Technical Terms**

**How do I use this document and what is it for?**

A glossary is where you can find out the meaning various technical words. During your Design Technology lessons you will find out about lots of technical terms. This document is where **you make a record** of those words so that you can refer to them later when required.

The glossary is organised in alphabetical order. Simply insert new information into the correct alphabetical position and let the software move the previously typed text down the page.

Some information has already been inserted to show you how to organise your document.

Where it is appropriate you can add pictures or graphics to support the written information. When you insert a picture or graphic double click on the image and alter the text wrapping setting in the Page Layout tab to ‘tight’.

Every week you should add to this document so that you gradually build up a detailed and extensive document.

Keeping this document up-to-date is your responsibility.

**Technical Terms – A**

**Acrylic:** Is a type of plastic. It is one of a group of plastics called thermoplastics and is produced from oil. It can be purchased in a range of shapes, colours and thicknesses. It can be heated up and reshaped many times; this makes it particularly suitable for injection moulding and other forms of reshaping by heating it up.

**Acrylic Cement:** Acrylic cement is used bond certain types of plastic (Acrylic) together. It works by dissolving the surfaces of the joined parts together to form a very strong bond.

**Adhesives:** These are various types of glues that are used to fix different materials together. The selection of the correct type of adhesive is very important. PVA adhesive is normally used to bond wooden and paper products together. Acrylic cement is used bond certain types of plastic (Acrylic) together. Epoxy resin is used to bond different types of materials together such as metal – wood - glass – plastic- textiles etc.

**Technical Terms – B**

**Technical Terms – C**

**Technical Terms – D**

**Technical Terms – E**

**Technical Terms – F**

**Technical Terms – G**

**Technical Terms – H**

**Hammer:** This is a hand tool used for assembling metal and wooden products. There are different types of hammers for use with different materials/; each one has a different shaped head.

Hammers used with metal products are usually used for shaping the material.

[](http://www.google.co.uk/imgres?imgurl=http://www.watchpartssupply.com/images/hammer%201.jpg&imgrefurl=http://www.watchpartssupply.com/watch-tools-hammer-c-3_53.html&docid=ZjqO-hXyz68znM&tbnid=c8KhoZC8bRQuyM&w=1451&h=1098&ei=Df78UYO0J4WH0AWwgYHYAw&ved=0CAUQxiAwAw&iact=c)

Hammers used with wooden products are used for knocking in nails and panel pins when assembling wooden products. A claw hammer has a specially shaped head which can be used to pull out larger nails.

[](http://www.google.co.uk/imgres?imgurl=http://www.powertoolsdirect.com/media/catalog/product/cache/1/image/9df78eab33525d08d6e5fb8d27136e95/s/t/stanley-cp3-1-2-pin-hammer-100g-3-1-2oz.jpg&imgrefurl=http://www.powertoolsdirect.com/stanley-cp3-1-2-pin-hammer-100g-3-1-2oz&h=480&w=640&sz=19&tbnid=iWl1-peWHT13OM:&tbnh=90&tbnw=120&prev=/search?q=Panel+Pin+Hammer&tbm=isch&tbo=u&zoom=1&q=Panel+Pin+Hammer&usg=__HY0_ZAWsyBx9KExAVUXQvhI5eMc=&docid=FfP7IGP9lkQaaM&sa=X&ei=of78UcGjMerY7AaOsoCQBw&ved=0CFgQ9QEwAA&dur=88)

[](http://www.google.co.uk/imgres?imgurl=http://www.vetprovisions.com/sites/default/files/imagecache/product_full/ME014197.jpg&imgrefurl=http://www.vetprovisions.com/category/product-type/equipment/hand-tools&docid=65zSZwmM6bfYwM&tbnid=q8W3SaaFvWUGbM&w=2560&h=1920&ei=Df78UYO0J4WH0AWwgYHYAw&ved=0CAMQxiAwAQ&iact=c)

**Technical Terms – I**

**Technical Terms – J**

**Technical Terms – K**

**Technical Terms – L**

**Technical Terms – M**

**Technical Terms – N**

**Technical Terms – O**

**Technical Terms – P**

**Technical Terms – Q**

**Technical Terms – R**

**Technical Terms – S**

**Technical Terms – T**

**Technical Terms – U**

**Technical Terms – V**

**Technical Terms – W**

**Technical Terms – X/Y/Z**