

# GLUES STARTER

V.Ryan © 2000 - 2008

On behalf of The World Association of Technology Teachers

## W.A.T.T.



World Association of Technology Teachers

The 'Glues Starter' can be printed and used by teachers and students. It is recommended that you view the website ([www.technologystudent.com](http://www.technologystudent.com)) before attempting the design sheet.

THESE MATERIALS CAN BE PRINTED AND USED BY TEACHERS AND STUDENTS.  
THEY MUST NOT BE EDITED IN ANY WAY OR PLACED ON ANY OTHER MEDIA INCLUDING WEB SITES AND INTRANETS.  
NOT FOR COMMERCIAL USE.  
THIS WORK IS PROTECTED BY COPYRIGHT LAW.  
IT IS ILLEGAL TO DISPLAY THIS WORK ON ANY WEBSITE/MEDIA STORAGE OTHER THAN [www.technologystudent.com](http://www.technologystudent.com)

# GLUES - LESSON STARTER

V.Ryan © 2008 World Association of Technology Teachers

Read the information regarding the range of glues shown below. Draw lines from each of the glues to the material or materials they are most able to join. Some glues can join several types of materials. Add more materials and glues if you wish.

Sticky, white jell. Pushed on to the material to be glued rather like using a lip stick.



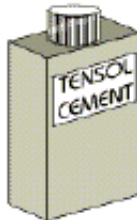
PRITT STICK

A white liquid that can be watered down further. Non-toxic as it is water based. Takes 24 hours to dry completely.



PVA

Gives off dangerous fumes. Must be used in a ventilated room or outside. The top of the tin must be screwed back on firmly as the contents 'go off' quickly.



TENSOL CEMENT

Gives off fumes and must be used in a ventilated room or outside. Both surfaces to be glued must be coated and left for 20 minutes before pressing together.



IMPACT ADHESIVE

The two tubes are mixed together. One tube is resin and the other is a catalysed that speeds up the hardening of the resin.



EPOXY RESIN

Glues very quickly. Dangerous if any gets on to hands / fingers. Usually comes in very small tubes. First used in the war in Vietnam (1960s) to bind wounds together.



SUPER GLUE

Requires a hot glue gun. Fingers can be burnt if the glue gun is not used carefully. The type of glue sticks vary depending on the material to be joined.



GLUE GUN

ACRYLIC

STEEL

ALUMINIUM

MDF

GLASS

CERAMICS

FURNITURE

PINE

PERSPEX

POLYSTYRENE

CARD

PAPER