

MATERIALS

V.Ryan © 2000 - 2008

On behalf of The World Association of Technology Teachers

W.A.T.T.



World Association of Technology Teachers

The 'Materials Exercise' can be printed and used by teachers and students. It is recommended that you view the website section 'Graphics' (www.technologystudent.com) before attempting the design sheet.

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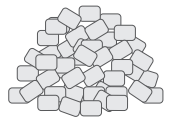
SMART MATERIALS - POLYMORPH

HELPFUL LINK - <http://www.technologystudent.com/equip1/poly1.htm>

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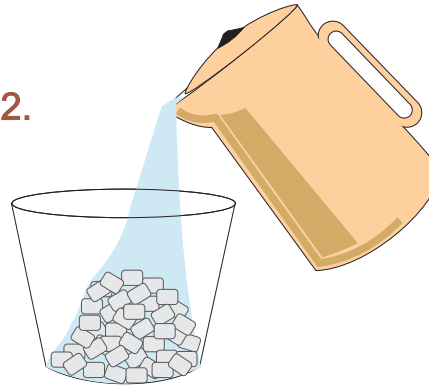
Polymorph is a thermoplastic material that can be shaped and reshaped any number of times. Below are diagrams representing the stages involved in moulding the material. Add notes below each stage to help explain each process.

1.



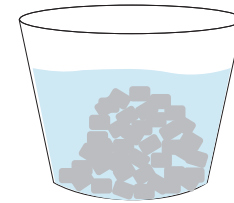
POLYMORPH GRANULES

2.



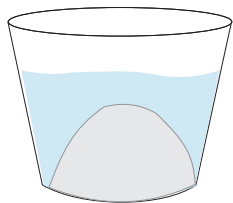
ADD HOT WATER

3.



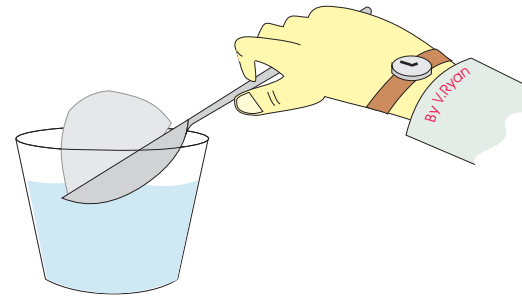
GRANULES SLOWLY JOIN TOGETHER

4.



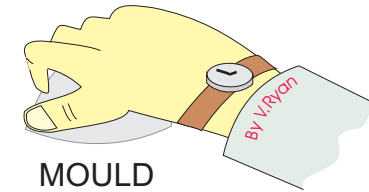
MASS OF POLYMORPH

5.



REMOVE POLYMORPH

6.



MOULD POLYMORPH GRANULES
