

EVERYDAY MATERIALS



CHEMISTRY

Teacher copy of the date of objective and activities covered in teacher science booklet

National curriculum objective

- Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses
- Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching

Key Vocabulary (topic words must be spelt correctly throughout topic)

wood	plastic	glass	paper
water	metal	rock	hard
soft	bendy	rough	smooth
hard	soft	stretchy	stiff
shiny	dull	rough	smooth
bendy	waterproof	absorbent	opaque
squash	bend	stretch	elastic
properties			

Glossary of key terms you want to remember

Absorbent	Can soak up water
Waterproof	Will NOT soak up water
Elastic	Will stretch and then go back to the shape it started in
Fair test	A test which changes one thing and keeps the rest the same to see what happens.

Questions that you need to be able to answer by the end of the topic

How can we investigate if a material is the best one for a job?

What are the properties of materials that make them good for a job?

How can the shape of an object be changed?

How might we change the shape of a solid object?

Will an object return to its original shape after bending, stretching and squashing?

Why do some solid objects go back to the starting shape and others don't?