

Key Facts

- Materials are what objects are made from.
- Properties are what a material is like and how it behaves
- Materials can be squashed, bent, twisted and stretched
- Materials can be chosen from their properties.

Useful Websites

www.bbc.co.uk/bitesize/topics

www.purplemash.com

www.educationcity.co.uk

Properties

- **Wood** can be hard, stiff, strong, opaque, can be carved in to any shape
- **Plastic** can be waterproof, strong, flexible or stiff, smooth or rough
- **Paper** can be lightweight and flexible
- **Fabric** can be soft, flexible, hard-wearing, can be stretchy, warm ,absorbent
- **Glass** can be waterproof, transparent, hard, smooth
- **Metal** can be strong, hard and easy to wash
- **Cardboard** can be strong, light and stiff
- **Rubber** can be hard-wearing ,elastic, flexible and strong.

Can you find examples of these materials in your home?

Waterproof



A material does not soak up water.

Absorbent

This means materials



soaks up water.