



Knowledge Organiser – Everyday Materials

How can I identify and sort different materials? Can I describe a material? What material is best to use (compare)?

Materials are used to make the objects around us.

Everyday materials



Glass



Wood



Metal



Rock



Plastic



Water



Rubber



Fabric



Paper

Everyday materials you need to know

- Wood
- Plastic
- Glass
- Metal
- Water
- Rock

Names of some common properties of materials

Hard	Not easily broken
Soft	Easy to cut, fold or change shape
Stretchy	Can be made longer or wider without breaking
Stiff	Doesn't change shape easily
Shiny	Reflects light easily
Dull	Not very bright or shiny
Rough	Has an uneven surface
Smooth	An even surface with no lumps or bumps
Bendy	Can be bent easily
Waterproof	Keeps out water
Absorbent	Soaks up liquid easily
Transparent	Easy to see through
Opaque	Not able to see through

Some common materials and their properties

Wood	Hard, strong, stiff
Plastic	Strong, shiny, bendy
Glass	Transparent, smooth, stiff
Metal	Hard, strong, shiny
Water	Runny, wet, clear
Rock	Hard, strong

Comparing and Grouping Materials

You can put materials into different groups by answering these questions about the material.

- Hard or Soft?
- Stretchy or Stiff?
- Shiny or Dull?
- Rough or Smooth?
- Bendy or Not Bendy?
- Waterproof or Not waterproof?
- Absorbent or Not Absorbent?
- Transparent or Opaque?

Look at the different materials you have around your home!