

Key Knowledge







Key Skills

Key Vocabulary

- Materials are substances that things are made of.
- We use lots of materials every day. E.g: Metal, plastic, wood, glass.
- .Different materials have different physical properties which make them useful for different things.
- A property is a quality that describes what something is like or how it behaves. Some materials are used to make many things.

- To recognise different materials and identify them by a picture.
- To match a material to its name.
- To name objects.
- To the materials which specific objects are made from.
- To explain the difference between objects and materials
- To choose words which describe how materials look/feel.
- To test materials to see how they behave.
- To record what I see.

hard	Not easily broken.
soft	Easy to cut or change shape.
smooth	Even surface with no bumps.
shiny	Reflects light easily.
stretchy	Can be made longer or wider
stiff	Doesn't change shape easily
bendy	Can be bent easily.
floppy	Soft and bendy.
waterproof	Keeps water out.
absorbent	Soaks up liquid easily.
breaks	Is made into smaller pieces.
rough	Has an uneven surface.
dull	Not very bright or shiny.
see-through	Lets light through.
not see-through	Doesn't let light through.
transparent	Easy to see through.
opaque	Not able to see through it.

Properties of Materials					
Metal	Glass	Wood	Plastic	Fabric	Paper
					
<ul style="list-style-type: none"> • hard • strong • shiny 	<ul style="list-style-type: none"> • transparent • smooth • stiff 	<ul style="list-style-type: none"> • hard • strong • stiff 	<ul style="list-style-type: none"> • strong • shiny • bendy 	<ul style="list-style-type: none"> • soft • bendy • opaque 	<ul style="list-style-type: none"> • absorbent • dull • smooth

Hard Materials

Soft Materials

Diamond

Metal

Concrete

Wood

Glass

Plastic

Rubber

Paper

Cotton

Fabric

Wool