



Key Vocabulary

Word	Meaning
Property	Something we can see or feel about a material.
Rough	A bumpy, uneven surface.
Smooth	A completely flat surface.
Rigid	When a material does not bend easily.
Flexible	A bendy material.
Weak	Gives way or breaks easily.
Strong	Holds its shape and does not break easily.
Waterproof	When a material does not let water through.
Absorbent	When a material soaks up water.
Opaque	A material that you cannot see through.
Transparent	A material you can see through.

Materials

Materials - What is a material?

Material is the word used to describe what something is made from. For example, plastic and wood are different types of material.



plastic



wood



Purpose of Materials

We use different materials for different purposes.

Windows = glass because it is transparent.

Tables = wood/metal because it is strong.

glass



Properties of Materials



opaque



transparent



rigid



flexible



Properties of Materials

Metal



- hard
- strong
- shiny

Glass



- transparent
- smooth
- stiff

Wood



- hard
- strong
- rigid

Plastic



- strong
- Shiny
- bendy

Fabric



- soft
- flexible
- opaque

Paper



- absorbent
- dull
- smooth

Uses of Materials

Fabric – Can be used to make clothing, furniture and bedding.

Glass – Can be used to make bottles, glasses and table tops.

Plastic – Is used to make bottle, food packaging, chairs, and toys

Rough and Smooth Materials



Stone



Hessian



Glass



Plastic



Metal



Carpet

Extending your Learning

1. Find out what different materials have been used to build your home and why have they been used.
2. Which materials can be used to make a strong table?
3. Can you make a collage using natural materials?
4. What different materials would you need to make a swing and why?