

Everyday Materials and their Properties.

YEAR 1

Sticky
Knowledge

Wood is **strong**, **hard** and can be **shaped**. It can be **flexible** and **bendy** making it a good building material.

Some everyday
materials are:

wood
plastic
glass
metal
water
rock
paper
cardboard
rubber
fabric

Metal is **opaque**. **Glass** is **transparent**. Metal and glass can both be smooth.

Waterproof materials do not let water through (plastic, rubber and coated fabrics).

Plastic is **strong**, **waterproof** and easily cleaned.
(e.g toys, bottles, food packets, buckets, cups and rulers).

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Key
Vocabulary

A **scientist** is a person who studies how the world works. They make careful observations, ask big questions, and do lots of research to find answers.



We are scientists and can work scientifically by:

- Observing closely using simple equipment.
- Performing simple tests.
- Identifying and classifying.
- Gathering and recording data.
- Asking and answering questions.

material	The matter from which a thing is or can be made.
property	A characteristic of a material, such as its strength, colour, or shape.
transparent	Transparent means you can see through something clearly, like looking through a window.
opaque	Not transparent: not able to be seen through.
waterproof	Waterproof means that water cannot go through something, keeping it dry.
absorbant	An absorbent material is something that can take in or soak up a liquid.