

Everyday Materials



Year Group: 1

Subject Focus: Science

Term: Autumn 2

Key facts

- Objects are made from materials. Some common materials are wood, plastic, metal, glass, rock, fabric and paper.
- Some objects are made from more than one material.
- Different materials have different properties which makes them suitable for different purposes.
- Materials can be hard or soft, dull or shiny, bendy (flexible) or not bendy (rigid), waterproof or not, rough or smooth.

Some key materials to begin to recognise:



Why wouldn't you use paper to make an umbrella?

Our Learning Journey

We Are Learning To:

Identify and name a variety of different materials

Identify what material an object is made from

Compare and group together a variety of everyday materials based on their physical properties

We will be practicing our scientific skills;

- Asking questions
- Making predictions
- Setting up tests
- Observing and measuring



Exciting books/ web links:



<https://www.bbc.co.uk/bitesize/topics/zrsgk7>

<https://www.lego.com/en-gb/kids>

Key words:

Wood	A hard material cut and dried from trees
Metal	A material that can occur naturally
Fabric	Is cloth or other material produced by weaving cotton together
Hard	Not easy to bend, cut or break
Soft	Not hard or firm
Stretchy	Easily stretched
rough	Harsh or uneven to touch
Smooth	Having no roughness or imperfections you can feel with your hands.
waterproof	something which keeps out water
absorbent	A type of material which can soak up liquid

Parents as partners:

- Look at your toys at home. Which are your favourites? What are they made out of?
- Why do you think certain toys are made out of a certain material? What would happen if they were made out of something different?
- Complete a materials hunt around your house. How many different materials can you find? Can you describe their properties?