

Important Questions

- 1 What is this object and what is it made from?
- 2 Can I identify and name a variety of everyday materials, including wood, plastic, glass, metal, water and rock?
- 3 Can I describe the simple physical properties of a variety of everyday materials?
- 4 Can I compare and group together a variety of everyday materials on the basis of their simple physical properties?



Key Knowledge

- 1 To know what an object is and what material it is made from.
- 2 To identify and name a wide variety of everyday materials.
- 3 To describe a range of simple physical properties of a wide variety of everyday materials.

Skills

- 1 Identification of a range of materials.
- 2 Raise questions and answer questions about everyday materials.
- 3 Classify materials into groups based on physical properties.
- 4 Explore/experiment with a variety of materials. Work scientifically by performing simple test to explore questions e.g. What is the best material for an umbrella?

Key Vocabulary

1	Materials	The matter from which something is made
2	Properties	The characteristics of a material
3	Hard/ soft	Solid, not easily broken/ easy to mould, compress
4	Waterproof/ not waterproof	Keeps out water/ Water can get through
5	Stretchy/stiff	Able to be made longer without breaking Not easily changed in shape/rigid
6	Bendy/ not bendy	Capable of bending/soft/flexible Unable to bend without breaking
7	Rough/ Smooth	Uneven or irregular surface Even surface, free from lumps
8	Absorbent/ Not absorbent	Able to soak up liquid easily Liquid stays on the top, does not soak in
9	Opaque/ Transparent	Not able to see through Light can pass through, can see through it
10	Different common materials	Wood, glass, plastic, metal, water, rock, fabric, foil, brick, paper...