

Whitechapel Primary School Science Knowledge Organiser

Year: 1

Term: Spring 1

Topic: Everyday Materials

What I already know...

Similarities and differences between some common materials.

How to explain some properties of materials e.g. wood, hard

We are learning...

- Distinguish between an object and the material from which it is made.
- Identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, rock, brick, paper and cardboard.
- Describe the simple physical properties of a variety of everyday materials.
- Compare and group together a variety of everyday materials on the basis of their simple physical properties.

Working scientifically

Performing simple tests to explore questions, for example:

- ‘What is the best material for an umbrella?
...for lining a dog basket?’

Diagrams

1. I can distinguish between an object and the material from which it is made



2. I can identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock



Material	Properties	Uses
Wood	Opaque, hard, strong	Door, chair
Glass	Transparent, waterproof	Window
Metal	Shiny, hard, smooth	Coin, fork
Plastic	Waterproof, transparent	Water bottle
Fabric	Stretchy, opaque	Clothes

Key vocabulary

Materials – materials are what an object is made from

absorbent – a material that can soak up liquid easily

transparent – a material that you can see through; such as glass

opaque – a material that you can not see through at all

natural – materials that exist in nature

man-made – materials created by people

Waterproof -does not let water pass
elastic – a rubber material that stretches when pulled and then returns to original size

magnetic– a material attracted by a magnet

float – an object which rest or moves on top of a liquid.

evidence – the information that we have found out.