

Knowledge

- ❖ 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 and rock.
- ❖ Describe the simple physical properties of a variety of everyday materials, such as: hard/soft, stretchy/stiff, shiny/dull, rough/smooth, bendy/not bendy, waterproof/not waterproof, absorbent/not absorbent, opaque/transparent.
- ❖ Compare and group together everyday materials, thinking about their properties.



Safeguarding

- ❖ Dangerous material e.g. sharp edges
- ❖ Small pieces e.g. Lego etc...
- ❖ Practical test may involve water, wind (hair dryer)

Prior Knowledge (EYFS)

- ❖ Children know about similarities and differences in relation to places, objects, materials and living things.
- ❖ Explore the natural world, make observations and draw pictures, understand some important processes and changes in the natural world.

Key Question - How can we describe materials?

Key Vocabulary

- ❖ object
- ❖ water
- ❖ material
- ❖ rock
- ❖ wood
- ❖ brick
- ❖ plastic
- ❖ paper
- ❖ glass
- ❖ fabric
- ❖ metal
- ❖ elastic
- ❖ card
- ❖ see-through
- ❖ not see-through

Key Vocabulary

- ❖ rubber
- ❖ wool
- ❖ clay
- ❖ hard
- ❖ soft
- ❖ stretchy
- ❖ stiff
- ❖ bendy
- ❖ rough
- ❖ waterproof
- ❖ smooth
- ❖ shiny
- ❖ break
- ❖ tear
- ❖ dull

Skills

- ❖ Ask simple questions and recognise that they can be answered in different ways.
- ❖ Perform simple tests to explore questions.
- ❖ Collect and record data to help in answering questions.