



Eden Park Primary School Knowledge Organiser



Prior Knowledge

- I can distinguish between an object and the material from which it is made.
- I can identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock
- I can describe the simple physical properties of a variety of everyday materials
- I can compare and group together a variety of everyday materials on the basis of their simple physical properties.

Word	Meaning
Solid	Hard
Liquid	Can be poured
Waterproof	Keeps out water
Absorbant	Soaks up water
transparent	Lets light through
opaque	Blocks light
reflective	Bounces light back
Flexible	Bends

The Powerful Knowledge we will take away from this science topic:

- Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses
- Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.

Investigation

Sort and group materials according to different properties.

Testing materials to whether they are hard or soft. Trying dent or scratch materials with hammer and nails or potato mashers.

Working scientifically

Perform simple tests using simple equipment.

