

Science Year 2 Knowledge Organiser – Autumn Term


Key Vocabulary	
Absorbent	A material that soaks up liquid easily.
Classify	arrange a group of things in categories according to shared characteristics.
Compare	Measure and notice the difference between things.
Environment	the surroundings or conditions which a person, animal, or plant lives in.
Material	The parts of which something is made or can be made.
Observation	Looking at something closely to get information.
Opaque	A material that cannot be seen through.
Properties	What a material or substance is like and how it behaves. Describes how a substance behaves. It can describe any piece of the material (for example if a material is strong or soft).
Purpose	the reason for which something is done or created or for which something exists.
Raw materials	the basic material from which something is made.
Suitable	The right or appropriate material for a particular purpose.
Transparent	A material that can be seen through.

What is a material?

A **material** is anything that something can be made from.

Uses of Everyday Materials

Properties



hard soft stretchy stiff
shiny dull rough smooth
bendy not bendy absorbent not absorbent
waterproof not waterproof transparent opaque

Squashing, Bending, Twisting and Stretching




Squash an object by pushing both hands together.
Bend an object by grabbing both ends of the object and bringing the ends inwards together.
Twist an object by turning your hands in opposite directions.
Stretch an object by pulling your hands slowly and gently apart.

Materials



paper
metal
glass
cardboard
wood



brick tarmac rock plastic wood