

Kingsley CP Knowledge Organiser

Science Focus

Everyday Materials

Year 1

Summer 1 Term

What? (Key knowledge)

Types of Materials

Identify and name different materials:

Wood	Wood is a natural material from the trunks and branches of trees.
Plastic	Plastic is a material that can be shaped when soft, then hardens. It can be tough or bendy!
Glass	Glass is made from fine sand and is usually clear and easily breakable!
Metal	Metal is a natural material that can be strong and shiny.
Water	Water is a clear liquid which we need to survive!
Rock	Rocks are made of minerals and change over time.

Properties of Materials

Describe the properties of everyday materials:

hard or soft	If you poke it with your finger, does it feel hard or soft?
stretchy or stiff	Can you stretch it?
shiny or dull	Does it look shiny in the sun?
rough or smooth	What does it feel like when you touch it?
bendy or not bendy	Can you bend it?
waterproof or not waterproof	If you use it as an umbrella for teddy, would teddy stay dry?
absorbent or not absorbent	If you put it in a bowl of water, would it absorb any of the water?

What? (Key Vocabulary)

Materials	What objects are made of
Properties	What we notice about the material
Transparent	You can see clearly through it
Absorbent	An object's ability to soak up and hold water

Diagrams



Possible Experiences

- Waterproof experiments. For example, make umbrellas out of different materials and leave our teddies under them in the rain. Then see which teddies stay dry!
- A material treasure hunt!