Marvellous Materials

In this unit, the children will learn about the properties of different materials.

Year 1 Term 2

Changing state

How can ice change to water?



water (liquid)



ice (solid)



plastic



wood



metal



water



glass

Key Vocabulary	
object	A thing that can be used. For example a door, chair, car, table are all objects.
material	Materials are what an object is made from.
hard	Not easily broken or bent.
soft	If something is soft, it is easy to cut, fold or change the shape of.
stretchy	Can be pulled to make it longer or wider without breaking.
shiny	Reflects light easily.
dull	Doesn't reflect light. Doesn't look bright or shiny.
rough	If something is rough, it feels and looks uneven or bumpy.

Key Vocabulary	
smooth	Smooth objects have no lumps or bumps.
bendy	Bendy things can be bent easily into a curved or folded shape.
not bendy	If something is not bendy, it can't be bent easily into a curved or folded shape.
waterproof	If something is waterproof, it keeps water out. It keeps things dry.
not waterproof	Not waterproof materials let water in.
absorbent	If something is absorbent, it soaks liquid up.
not absorbent	If something is not absorbent, it does not soak up liquid.
transparent	Transparent objects can be seen through.
opaque	Opaque objects can't be seen through.

Assessment questions

Name four different types of materials.

How do you make ice?

What materials are needed to make an umbrella?