

# Chemistry: Materials



Y1/2 Spring 1

## What should I already know?

- I know that objects can feel and look different.
- I can describe some similarities and differences between materials.

## Vocabulary

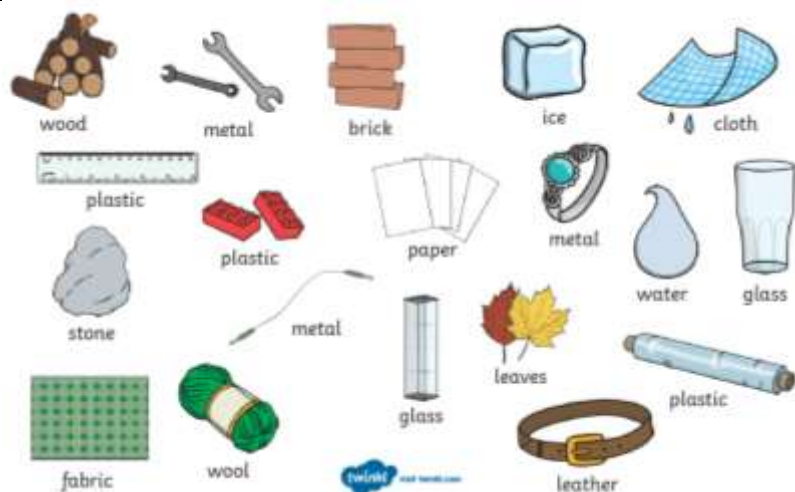
<b>Materials</b>	What an object is made from.
<b>Properties</b>	A way of describing how a material looks, feels or acts.

## What am I going to learn?

- The difference between an object and the material it is made from.
- To identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock.
- To describe the simple physical properties of a variety of everyday materials.
- To compare and group materials based on their properties.

## Properties of materials

Hard	Soft
Stretchy	Stiff
Shiny	Dull
Rough	Smooth
Waterproof	Not waterproof
Absorbent	Not absorbent



## Enquiry types

Pattern seeking	Fair testing	Research
Observing changes over time	Identifying, grouping and classifying	

## Working Scientifically

When my puppy was very small, it used to wee on the floor and we had to quickly mop it up.  
Can you investigate what the best material to use might be?



Plan/perform investigations



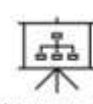
Record and report data



Compare



Ask/ answer questions



Interpret and communicate results



Identify, group and classify