

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	A hard object is not easily broken or bent.
soft	If something is soft , it is easy to cut, fold or change the shape of.
stretchy	A stretchy object can be pulled to make it longer or wider without breaking.
shiny	A shiny object reflects lights easily.
rough	If something is rough , it feels and looks uneven or bumpy.
waterproof	If something is waterproof , it keeps water out and keeps things dry.
absorbent	If something is absorbent , it soaks up water.


object


material


hard


soft


stretchy


shiny


rough


waterproof


absorbent



plastic



wood



metal

Some types of **materials**.



water

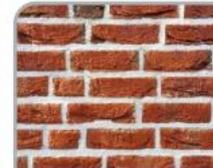


glass

Thinking Deeper Challenge
 Compare two different types of materials. Which is harder? Which stretches more? Which is rougher?



paper



brick



fabric



stone

In the future

I can identify and compare the suitability of a variety of everyday materials.

I will learn

I can describe the simple properties of a variety of everyday materials.
 I can identify the materials objects are made from.

I should already know

I can recognise and name different objects.

Types of Materials

Metal

- Metals are made from rocks. It is strong and **shiny**. Some metals include aluminum, iron and steel.

Wood

- Wood is made from trees. It is a **hard** and strong **material**. Some woods include oak and pine.

Water

- Water is a natural **material**, found all over the world. Water is clear. It can be frozen into ice or heated into gas.

Glass

- Glass is made from fine sand. It is very strong and clear (transparent). Glass is used for windows and glasses.

Plastic

- Plastic can be made from lots of different **materials**. Plastic can be tough or bendy, and so it is used for many different purposes.

Paper

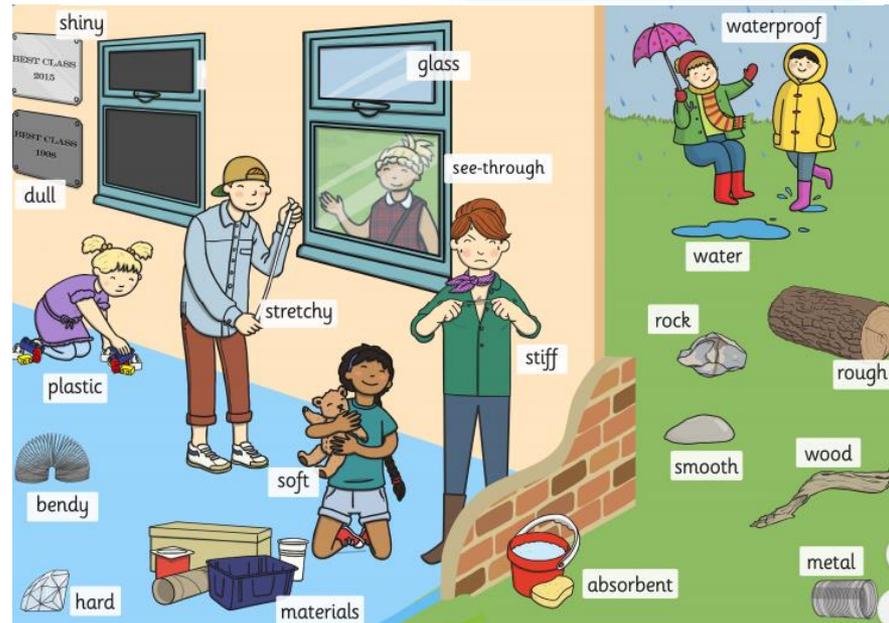
- Paper is made from trees. Paper is normally thin and can be made into different shapes.

Properties of materials

hard not easily broken or pierced A hard diamond.	transparent can be seen through This glass is transparent.
soft not firm to the touch The kitten has soft fur.	flexible able to bend A flexible spring.
waterproof repels water and liquids A waterproof coat.	smooth an even and regular surface Some smooth pebbles.



Objects that are made from different materials.



Properties of Materials

1. Name 3 objects which are soft.

2. Name the properties of metal.

3. Name a material that is waterproof.

Materials

1) What materials are the objects below made from?









