

Materials Hunt at Home

To identify materials and describe them.



Have a look around where you live. How many materials can you spot?

Tick the materials you can find.

☐

glass

☐

fabric

☐

wood

☐

brick

☐

rubber

☐

rock

☐

paper

☐

metal

☐

cardboard

☐

plastic

Now choose four objects to draw and label the material/s they are made of.

Challenge

Can you describe the materials that objects are made out of?

Complete the table using some of the objects and materials you can find in your home.

Object	Material	Words to Describe the Material

Word Bank

hard

soft

shiny

dull

stretchy

stiff

bendy

rough

smooth

transparent

opaque

waterproof

absorbent

Name of Object	What Material Is It Made Of?	How Could You Change It?
		squash ☐ bend ☐ twist ☐ stretch ☐ no change ☐
		squash ☐ bend ☐ twist ☐ stretch ☐ no change ☐
		squash ☐ bend ☐ twist ☐ stretch ☐ no change ☐

Challenge

Can you think of any other ways that the shape of objects and materials can be changed?

Material	Use	Why Is This Material Suitable?
<i>Example</i> glass	window pane	The glass is transparent, which lets us see through the window.

Word Bank

hard soft shiny dull stretchy stiff bendy strong tough flexible
 rigid breakable brittle rough smooth transparent opaque
 waterproof absorbent translucent

Challenge

Choose some of the objects that you found and think of a material that would be unsuitable for this use. Explain why.

Use	Which Material Would Be Unsuitable?	Why Would It Be Unsuitable?