



Properties and Changes of Materials

**I can describe and compare materials
based on their properties.**



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Last Lesson Recap



What do the words '**solid**, **liquid** and **gas**' mean?



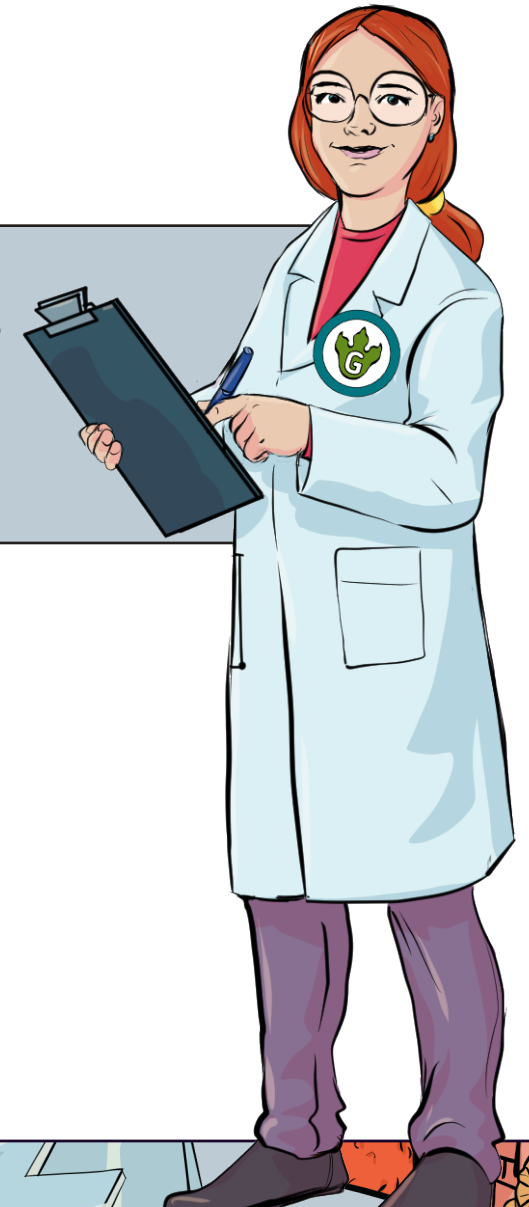
Talk with your partner before
we discuss it as a class.



Materials



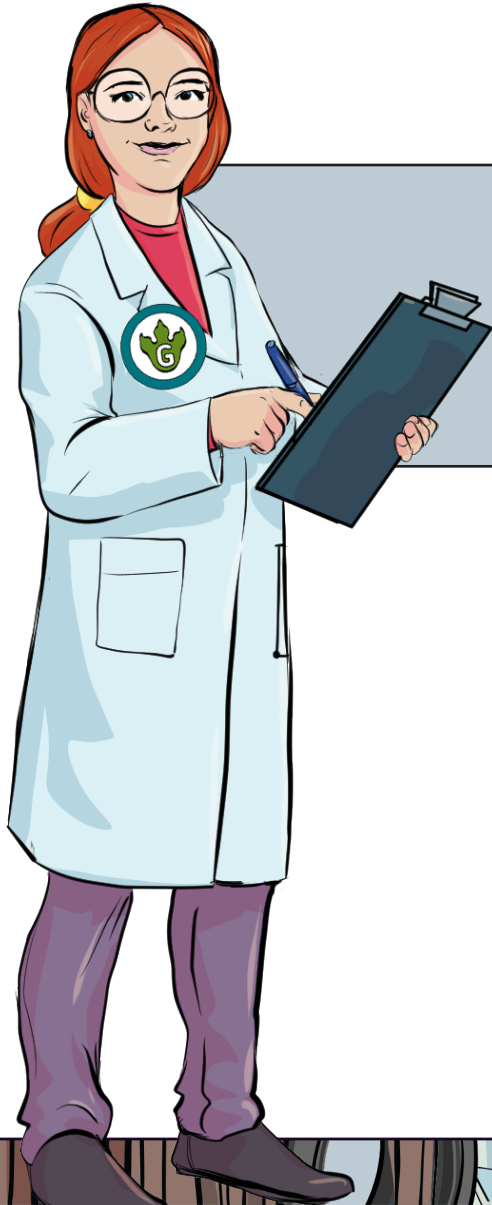
How many different **materials** can you think of?
Write as many as you can in 1 minute.



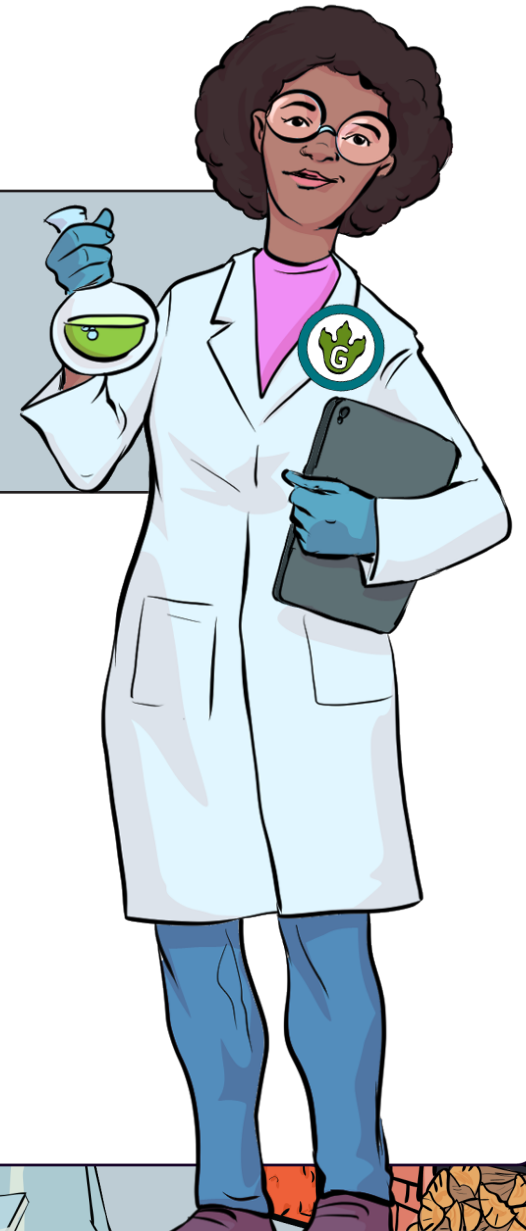
How many did you think of?



Materials



How many different **materials** can you think of?
Write as many as you can in 1 minute.



How many did you think of?

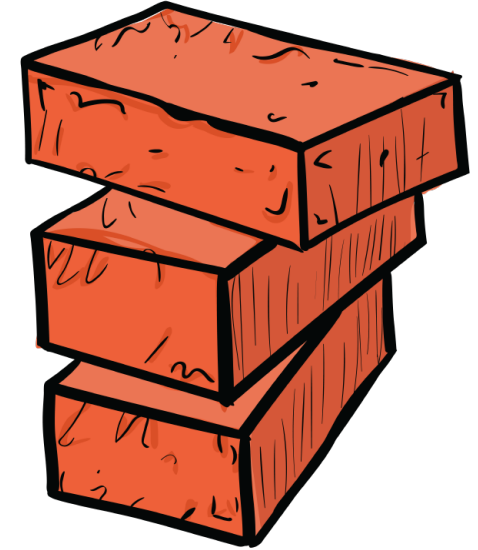
brick, stone, fabric, glass, plastic, rubber, metal, wood



Materials



Houses can be built from **wood**.
What other **materials** are houses built from?



We use different **materials** for different jobs
based on their **properties**.

Bricks are used to build houses because
they are strong, hard and **durable**.

Definition Corner

properties - a quality or
characteristic of something

durable - able to
withstand **wear, pressure,**
or damage; hard-wearing



Materials



What are **car tyres** made from?
What **properties** of this **material** make it suitable to make **tyres** with?



We use different **materials** for different jobs based on their **properties**.

Rubber is used for tyres on vehicles because rubber is strong, **flexible** and durable.

Definition Corner

flexible - able to bend easily without **breaking**



Independent Activity



There are lots of different words that we can use to describe different **materials**.

Can you find the **definitions** for these words? Use a **dictionary** to help.

Activity



Word to describe properties of materials	Definition
durable	
flexible	
absorbent	
waterproof	
magnetic	
permeable	
conductive	
transparent	
stretchy	

Feely bag



Put your hand in the feely bag
and choose a **material**.

Can you describe it using some of
the words we have learnt today?

