

# Year 1 Science

Week 1, Spring 2

## Materials

Please view slides using 'present' mode.

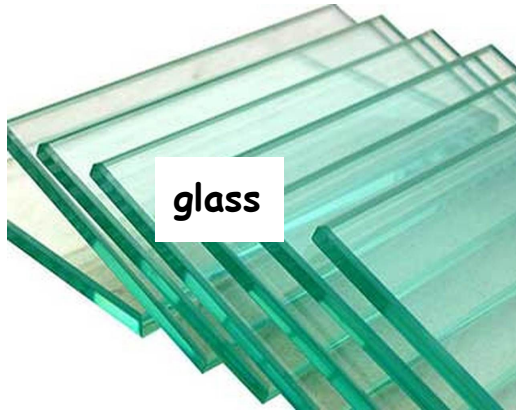
This lesson has 2 parts.

**Part 1** - Recapping the vocabulary to describe different materials and finding different materials around the home. With a grown-up at home discuss the properties of each material.

**Part 2** - Comparing materials with opposite properties.

# Can you identify these materials?

Please view slides using  
'present' mode.



glass



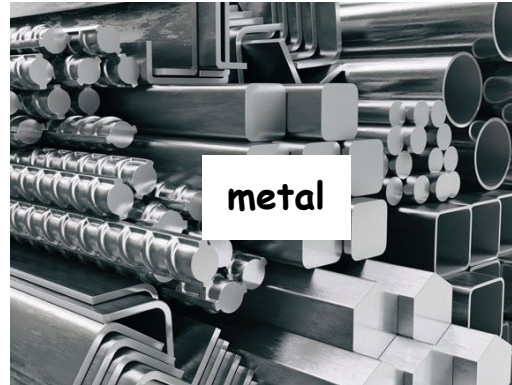
wood



fabric



paper



metal



plastic

# Now let's think about adjectives we can use to describe materials.

hard



soft



smooth



rough



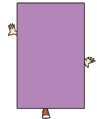
absorbent



waterproof



opaque



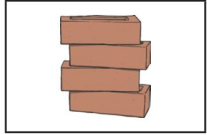
transparent



What do you notice about the pairs of words?

click to reveal

# Describing materials



A brick is \_\_\_\_\_.



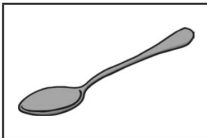
My woollen hat is \_\_\_\_\_.



A raincoat is \_\_\_\_\_.



My friend's glasses are \_\_\_\_\_.



A spoon is \_\_\_\_\_.



This mug is \_\_\_\_\_.

Here are some objects made from different materials.

Use the words in the box to complete the sentences. There could be more than one word for each object.

**Soft**

**Transparent**

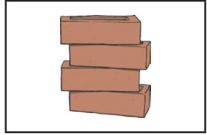
**Smooth**

**Hard**

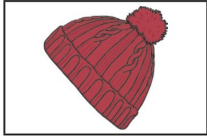
**Waterproof**

**Rough**

# Describing materials



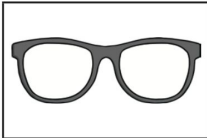
A brick is **rough**.



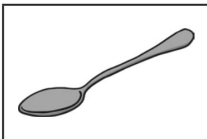
My woollen hat is **soft**.



A raincoat is **waterproof**.



My friend's glasses are **transparent**.



A spoon is **hard**.



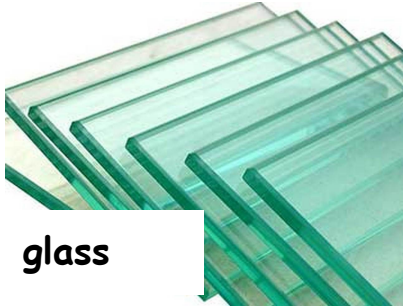
This mug is **smooth**.

Remember there could be more than one word that describes each object.



# Activity 1: Material scavenger hunt!

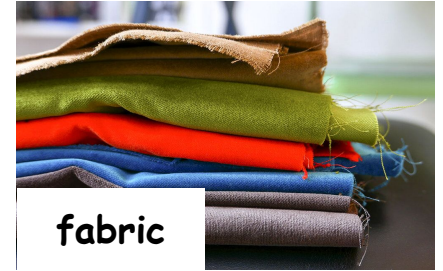
Can you find 6 objects in your home made from these 6 different materials?



glass



wood



fabric



paper



metal



plastic



# For each material can you think of at least 2 words to describe it.

hard



rough



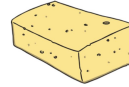
transparent



smooth



absorbent



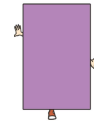
soft



waterproof



opaque



The glass is smooth and transparent.



**Challenge:** Can think of any other adjectives to describe your materials. Share your ideas with a grown-up at home.



# Activity 2: Comparing opposites.

hard



soft



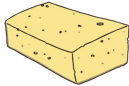
smooth



rough



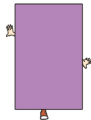
absorbent



waterproof



opaque



transparent



We noticed that these words are opposites. They mean the opposite of each other.

Now we are going to compare two objects with opposite properties.

Look at the materials you found on your scavenger hunt.

Can you find one material that is soft and another material that is hard?

Watch Mrs Ridley compare the objects she found in her home.

hard



soft



smooth



rough



absorbent



waterproof



opaque



transparent



# Activity 2: Comparing materials








Science week 1

Complete the table to show the objects you found at home made from the materials below. You can draw or write the objects you found.

Wood	Metal	Plastic	Fabric	Paper	Glass

Complete the sheet in google classroom to share the objects you found and compare the materials with opposite properties.

Complete the stem sentences below to compare the properties of two different materials:

The _____ is	soft 	and the _____ is	hard 
The _____ is	rough 	and the _____ is	smooth 
The _____ is	waterproof 	and the _____ is	absorbent 
The _____ is	transparent 	and the _____ is	opaque 