

# Materials

LO: To describe the simple physical properties of materials

Compare and group together a variety of everyday materials on the basis of their physical properties.

# What is a material?

- Last week, we discovered that materials are the matter or substance that objects are made from.
- We use a wide range of different materials every day.

What examples did we think of?



# Properties of Materials

- Today, we are going to think about how we can describe those materials by thinking about their properties.
- <https://www.youtube.com/watch/xOKr462HLc0>

# Why is it made from that?

- Objects are made from different materials because of the different things they can do. Think about what the following items are made from and why.





# Vocabulary

Here are some words that help us to describe properties. Discuss with an adult what these words mean.....

# Properties of materials

hard 

soft 

rough 

smooth 

stretchy


stiff

flexible 

brittle 

shiny 

dull

absorbent 

not  
absorbent

waterproof  
leaky

transparent  
opaque

strong   
weak

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## Challenge

Can you find objects around the house or classroom that have these properties?

Do any of these objects have more than one of these properties?



# Wizard of Oz

- How could we describe the properties of these objects and characters from our story?





# Independent Task

- Cut out the pictures and stick or draw them in your exercise book.
- Label the physical properties that these objects have using the words on the slide to help you.



strong



hard

opaque