

# Everyday Materials

Science – Friday 8<sup>th</sup> January 2021

## Everyday Materials: Brilliant Builders

Today we are learning to.....

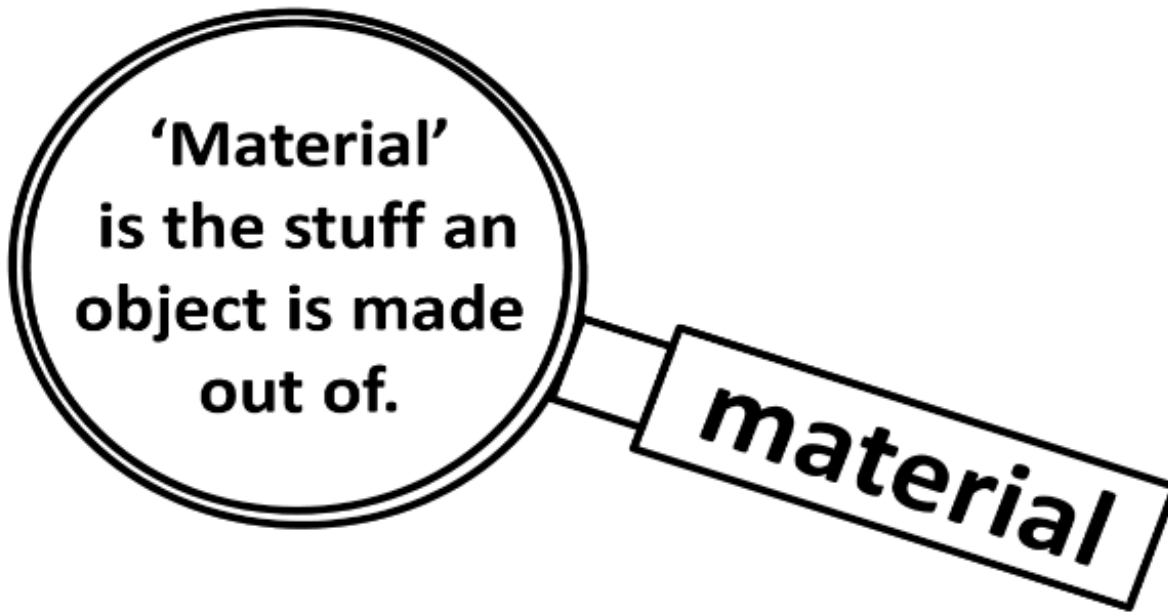
- describe different objects.
- compare and group together a range of materials based on their properties.
- identify and compare different materials and their suitability for a particular use.

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*I will be successful if -----*



- *I can use words such as smooth, rough, transparent, opaque, hard, soft, pliable, rigid to describe different materials.*
- *I can sort materials into groups based on how they look and feel.*
- *I can sort materials into groups based on what they might be used for.*
- *I can suggest materials based on their properties which would help in solving a problem.*



Work through the link below:

<https://www.bbc.co.uk/bitesize/topics/zrsgk7/articles/z9pgcdm>

*A window is an object, the material it is made from is glass.*

*Can you think of other examples?*



Look at all of the objects in front of you.

Talk to your partner and come up with some words to describe the different objects.

What materials are they made from?

Select some objects from around the house. Can you describe them? What materials are they made from?

HELP!

The other day when it was raining, I went to get my umbrella and noticed it was torn.

I don't have time to get a new one, so I need your help to repair it.

What does an umbrella do?

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What sort of fabric is used for an umbrella?

What properties will it need?

How can we test to see if a fabric has these properties?

Talk through your ideas with an adult.



[www.ellaumbrella.com](http://www.ellaumbrella.com)

**Umbrellas  
can be  
transparent.**



[pixher.com](http://pixher.com)

**Umbrellas  
can have  
surprising  
insides.**





**Umbrellas  
can be used  
for  
decoration.**

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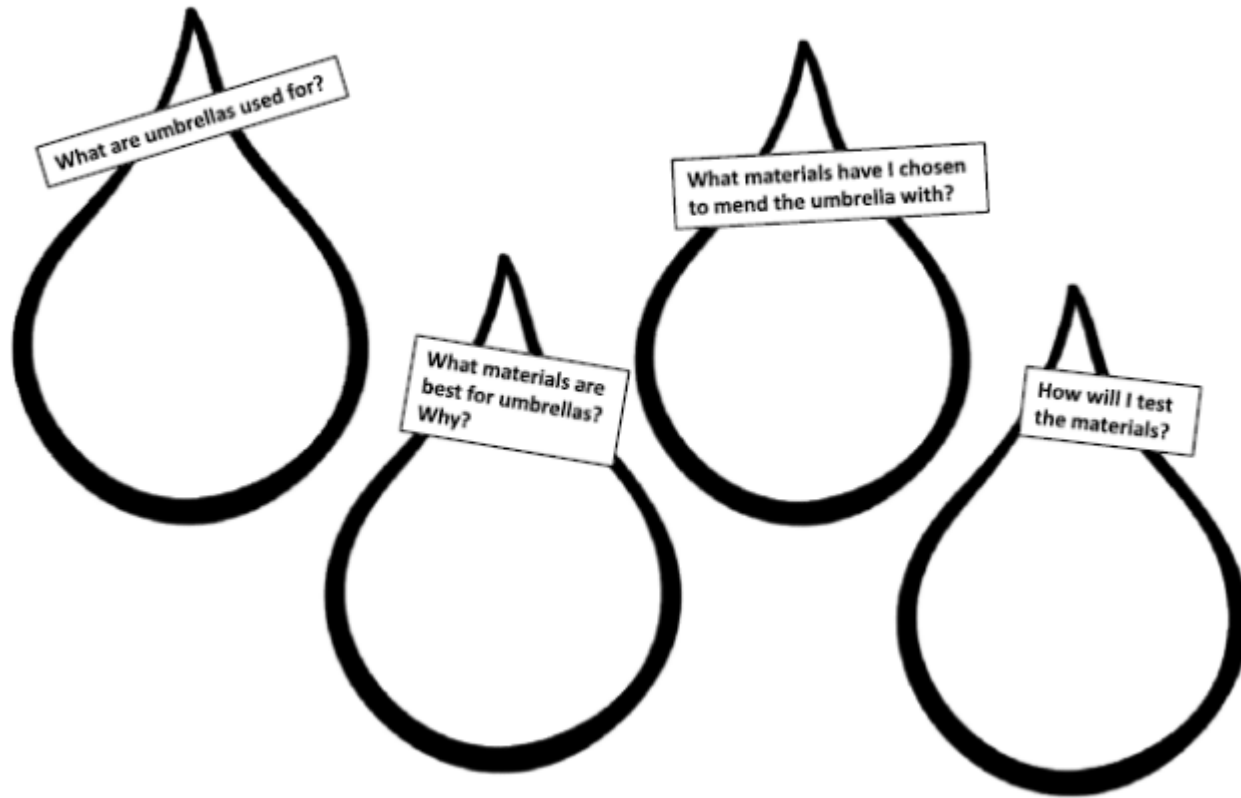


[www.thestudentroom.co.uk](http://www.thestudentroom.co.uk)

**There are all sorts of  
umbrella designs.**



## Exploring umbrella materials



Have a go at completing the challenge.

Consider what materials might be good to repair an umbrella with?

What properties would the material need to have?

Think about the materials you have in the house.

We will be testing these next week!