

Optional Homework Year 2 - Materials

EXPLORE

Go on a material hunt around your house and garden...

How many materials can you name?
Can you describe the properties of the materials?



GO ONLINE

Learn vocabulary and test the properties of different materials using the simulator:

http://www.bbc.co.uk/schools/scienceclips/ages/7_8/characteristics_materials.shtml



MAKE

Make a material tree. Stick down different materials for each leaf.

What texture does each leaf have?

INVESTIGATE

Build a Lego house for one of your toys. Place different materials on for the roof, e.g. wood, newspaper, tracing paper, plastic wallet, bubble wrap, foil...

Drop or spray water onto each roof, a little bit at a time.

Which materials kept your toy dry?

Which materials are waterproof?

Which materials are absorbent?

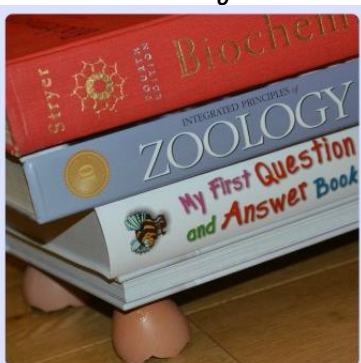


TEST

How strong is an eggshell?

Ask an adult to help you split the shells in half, drain and clean them.

Predict how many books they can hold. Then test to find out!



RESEARCH

Where does paper come from?

How about glass?
...and plastic?

Can you find out and share with the class?

This link to a selection of video clips will help you:

<http://www.bbc.co.uk/programmes/b01djmnm/clips>

