

Year 1 Week 7 Science.

Materials.

All the items in the pictures are made from different materials. Materials are what things are made from. Do you know what they are made from? Write the sentences.



The jumper is made of-----



The wellington boot is made of-----



The playhouse is made of-----



The drinking glasses are made of-----

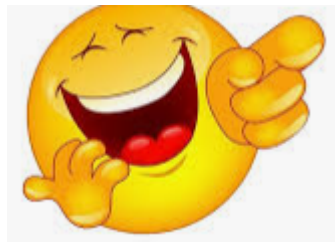


The houses are made of-----

Material does not just mean cloth, like our clothes are made of. There are lots of different types of materials.

### Question:

Would you use chocolate to make a teapot?



### Why Not?

That's right, you have to use the most suitable material for the job of the item! Chocolate would melt in hot water!

Remember The Three Little Pigs? What was the most suitable material they used to build a house? Bricks! Straw and sticks were not strong enough.

Use this link to explore.

<https://www.bbc.co.uk/bitesize/topics/zrssgk7/articles/z9pgcdm>

Have you got any post it notes left?

Look around your home. What is the window made of? Write the material name on the post it note and stick it on to the window.



Can you label these objects and the material it is made from with your post it notes (or make a list).

Table.      Sofa.      Toys.      Shoes

Thinking time!



What would happen if  
Your shoes were made  
of paper? Or your table  
was made of foam?

With your grown up, put a sheet of paper in water. Leave for 2-3 minutes. Examine your paper. What does it feel like, look like? Tell your grown up.

Is paper a suitable material for shoes? WHY?

Suitable materials are materials that are right for the item, like wellington boots. These are made from rubber as rubber is water resistant.

Unsuitable materials are materials that are not right for the item, like making a coat out of wood. It would be unsuitable as the coat would be heavy and you couldn't move properly.

## Challenge.

### Questions.

Write a sentence to answer these questions and explain your answer.

Would concrete be a good material for doors?

-----

Should lights be made of wool?

-----

Would glass be a suitable material to make fences?

-----

What material would be suitable for a car?

-----

What material would be unsuitable for a chair?

-----

Good work, Scientists!

Can you see any other materials around you?

I can think of two more, paper and foil.

Keep thinking!