

Use of Everyday Materials





What is this material?



What words can you think of to describe what WOOD is like?

A large, empty rounded rectangular box with a black outline, intended for students to write their descriptive words for wood.



What is this material?



What words can you think of to describe
what METAL is like?

A large, empty rounded rectangle with a thick black border. It is positioned on the right side of the slide, below the text prompt, and is intended for students to write their descriptive words for metal.



What is this material?



What words can you think of to describe what LEATHER is like?

A large, empty rounded rectangle with a black border, intended for writing answers to the question.



What is this material?



What words can you think of to describe what GLASS is like?

A large, empty rounded rectangle box with a black border, intended for writing words to describe glass.

Have a look at these different materials.
If you were going to sort them into two groups, how would you do it?



stone

glass

newspaper

wool

plasticine

wood

sponge



metal

leather

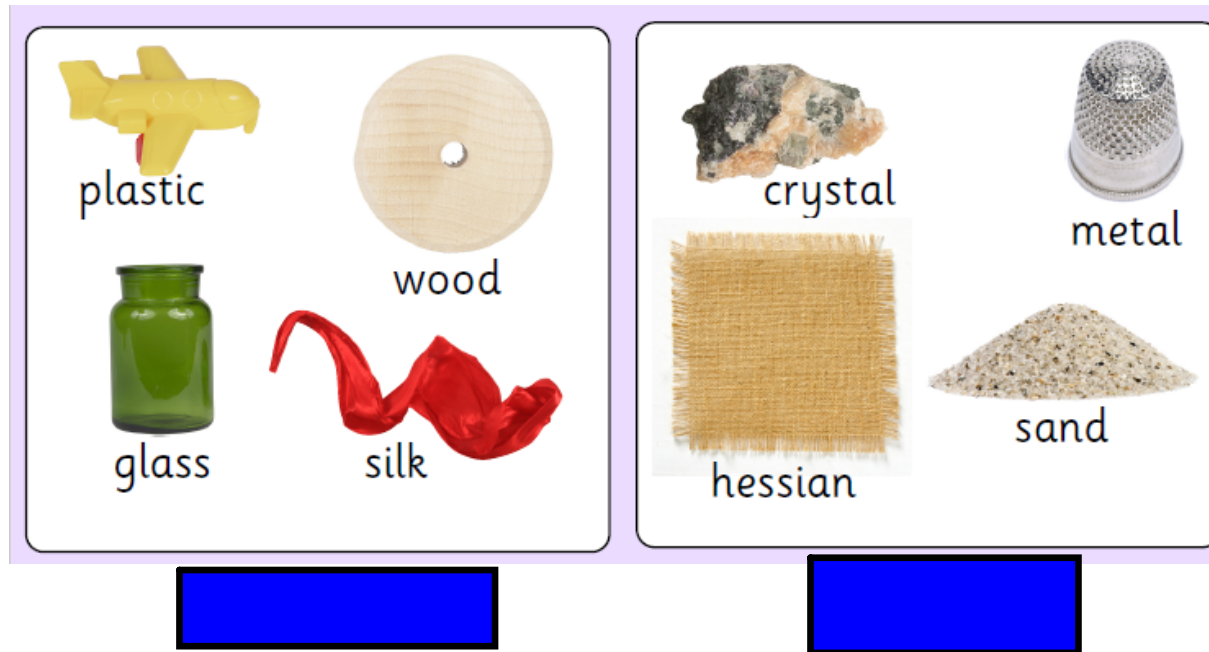
cardboard

Can you guess how I arranged the materials?



 <p data-bbox="533 756 1149 842">These objects are flexible. This means they can bend without breaking.</p>	 <p data-bbox="1218 743 1682 866">These objects are rigid. This means they are stiff and cannot move.</p>
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How do you think these materials have been sorted?



Today we are going to explore some materials.



Squash



Bend



Twist



Stretch



Materials all have different properties. This means that some are able to change shape and stay changed (like the plasticine). Other materials can change shape temporarily but will go back to their original shape (like the sponge), and some materials cannot change shape at all (like the stone).



changes shape and
stays changed



changes shape temporarily but
goes back to original shape



cannot
change
shape

Can you think of any other materials that have the same properties as plasticine, sponge and stone?



Changes shape
and stays changed

Changes shape
temporarily

Cannot change
shape

As a table, explore the objects and decide which statement is true.

Plenary

Is it a good thing or a bad thing that some materials cannot change shape?

