



wood



metal

Materials are useful



plastic



water



rubber



glass



rock



fabric

What can metal be used to make?

Coins, tin cans, table legs, scissors, cars, scaffolding and much more

## Significant scientists

### Abbas Ibn Firnas.

Abbas Ibn Firnas is mainly known for being the first person to fly! He also used sand and stones to make colourless glass. He created the first lens for reading. Instead of glasses to wear, it was a glass stone that people moved across the page. He was born in Andalusia in 810.



# KS1 Everyday Materials



## Key vocabulary

<b>material</b>	The substance used to make something is called a material
<b>property</b>	words that describe what something is like.
<b>hard</b>	Hard objects do not break or change shape easily.
<b>soft</b>	Soft objects are easy to cut fold or change shape.
<b>smooth</b>	Smooth objects have an even surface with no bumps.
<b>rough</b>	Rough objects have an uneven surface. They are bumpy.
<b>transparent</b>	Transparent objects are easy to see through.
<b>opaque</b>	We can't see through opaque objects.
<b>waterproof</b>	Waterproof materials keep out <u>liquids</u> .
<b>absorbent</b>	Absorbent materials soak up <u>liquids</u> easily.
<b>flexible</b>	Bendy objects that can bend easily without breaking.
<b>stiff</b>	Stiff objects don't change shape easily.
<b>strong</b>	Does not give way; powerful

## Why is wood a good material to build a house?

Wood is strong so it is good for building walls and roofs.

Wood is also waterproof so it will keep the rain out. Wood can be sawn into pieces and is flexible so it can be bent and cut into shape.

Bricks and concrete are also good building materials.



bending



twisting

stretching



squeezing