

Everything around us is made from materials. Wood is a material we can use to make things.


Wood comes from trees. The tree trunk and big branches are cut down to make logs.

The logs are cut to make long, flat pieces of wood.
Humans use wood to build parts of houses ...


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Humans have used stone as a building material for thousands of years.



Marble is a very hard type of stone used to make statues.


Stone is a hard material.
This simple hut is made from stones but they are not joined together.

Can you see a stone wall behind the hut?

Look for things made of stone and glass where you live.

Glass is used to make windows.

We use glass objects at home and in science.

Which of these are used by scientists at work?


Fabrics

Fabrics are soft materials that are used to make clothes, curtains and rugs.


Fabrics have different textures. Their surfaces feel different.



Which of our sense


Key words

| fabrics soft surfaces furry smooth rough |
| :--- |
| cotton cool woollen warm sheep goats |

## Plastic

Plastic can be lots of different colours.
Plastic is a human made material.

Most plastic is made from oil.
Some plastics are now made in other ways.


Many people are now trying to use less plastic. Suggest why.


Metals are hard materials. Some metals are harder than others.

Titanium does not bend when we do. It holds the bones in place.

Where are these bones found in humans?


Softer metals bend easily into new shapes.
Gold is a metal that is used to make rings and bracelets.


Silver is used to make jewellery too.


Look for some metal objects in your classroom.
Are they shiny?
Are they hard?
Are they bent?

## Key words

metals hard bend tools softer
easily shiny jewellery

## Sorting materials

We can sort materials into groups.


How are these materials sorted?


## Using a key for materials

We can use a key to identify animals. We can also use a key to identify materials.


Here are some objects. Can you identify them using the key?

You may know what all these objects are. Still work through the key to check you know how to use it.


Object $A$ is soft and blue and made of fabric.

Can you describe objects $B, C$ and $D$ like this?

Try making your own key for the objects in the table on page II6 of your workbook.

## End of topic questions

## Sorting and grouping materials

(1) These objects can be found in a kitchen. Describe them using as many different words as you can.

|  |  |
| :---: | :---: |
| grater | bottle |
| bowl |  |

2 Take turns with a partner to each think of an object that is:

## hard

metal
red

## soft

smooth
blue
stone
plastic

