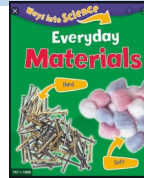


Key Vocabulary

Word	Meaning
materials	What and object is made from
recycling	the processing of used or waste material so that it can be used again
purpose	the reason for which something has been made
reusable	to use something again
natural	Not made by people
manmade	made by human beings
variety	a collection of
durable	lasting for a long time

Useful links: [The invention of tarmac](https://www.bbc.co.uk/bitesize/clips/z7fnvcw)
<https://www.bbc.co.uk/bitesize/clips/z7fnvcw>



Classifying and Grouping Materials

Plastic is a man-made material. You do not find plastic in nature.

All these objects are made from natural materials. Wood, stone, chalk, wool and silk are all found in nature.

Wood and stone can be carved and polished to make into useful objects.

Wool, cotton and silk can be spun into thread, dyed and then woven into fabric.

FUN FACT: While aluminium is the most common **metal** found in the Earth's crust, the most common metal found on our planet is iron, mostly because it makes up such a large part of the Earth's core.

- ### Learning Outcomes
- ◇ distinguish between an object and the material from which it is made.
 - ◇ identify and name a range of everyday materials. (wood, metal, plastic, glass, brick, rock, paper)
 - ◇ describe the simple physical properties of a variety of everyday materials.

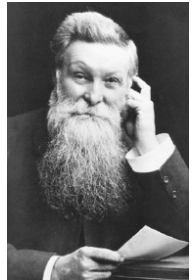
John McAdam
 23 Sep 1756 – 26 Nov 1836

John McAdam thought it would be easier if the roads were covered in small stones and invented tarmac. It took his company 30 years to cover all roads across the UK.



John Boyd Dunlop
 5 Feb 1840 – 23 Oct 1921

Inventor who developed the



dull	rough
rubber	metal
leather	wood
wool	waterproof
transparent	squashy
glass	absorbent
soft	opaque
bendy	brittle
plastic	rigid
hard	fabric
smooth	brick
bumpy	stone