



What knowledge do I already have?

I know that different things are made of different materials
 I can name some common materials that things are made of
 I have noticed some ways in which things change depending on the time of year
 I can group materials by natural or man made



What will I know by the end of the unit?

A material is what something is made of e.g. a book is made of paper
 Different materials have different properties e.g. rock is hard, paper is bendy
 'Best' means performs best for the job

What will I know by the end of the unit?

Plastic is a man made material that was invented in 1907.
 Wood, rock and metal are natural materials.
 Paper and cardboard are made from wood.

Science

We are scientists. We ask questions about our world and technology and then explore and discover the answers with the aim of making the world a better place.

Technical vocabulary

material	What an object is made of eg plastic, metal, wood
property	Different materials have different properties which make them suitable for different uses e.g hard, soft, bendy, stiff, smooth, rough
wood	A hard natural material that is made from trees e.g. fence
metal	A hard natural material that is found deep under the ground
plastic	A man made material that can have many different properties
glass	A mad made material that is transparent
brick	A man made material, used for building
rock	A natural hard material
paper	A material that is made from trees
cardboard	A stronger form of paper
tile	A man made ceramic material
rubber	A hardwearing, flexible material
sort	Put objects into groups
compare	Talking about what is the same and what is different
natural	when a material is used in its raw state e.g. wooden door
man made	When a material is manufactured



wood:
hard, stiff, strong, opaque, can be carved into any shape.



glass:
waterproof, transparent, hard, smooth.



paper:
lightweight, flexible.



cardboard:
strong, light, stiff.



plastic:
waterproof, strong, can be made to be flexible or stiff, smooth or rough.



metal:
strong, hard, easy to wash.



fabric:
soft, flexible, hardwearing, can be stretchy, warm, absorbent.



rubber:
hardwearing, elastic, flexible, strong.