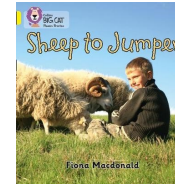


Key Vocabulary

Word	Meaning
material	the stuff an object is made out of.
object	something that can be seen or touched
everyday	suitable for use on ordinary days
compare	discover similarities and differences
Wood	comes from <b>trees</b> .
Plastic	is made from <b>oil</b> .
glass	is made from <b>sand</b> .
fabric	any type of cloth made from woven, knitted, or felted thread or fibres
metal	is found inside <b>rock</b> .
Rock	is found underground.
Abrasive	roughness of texture
silky	Extremely smooth. Resembles silk

# Classifying and grouping materials



**Alexander Parkes** (1813 - 1890) was an English inventor. He created the earliest form of plastic which was called parkesine.

Knowledge

**Objects** are things.

A chair is an object.

**Materials** are the thing

**feel**

hard soft  
rough smooth  
flat bumpy  
hot cold  
warm cool  
prickly spiky  
woolly scaly  
dry wet  
bushy waxy  
damp soaking  
silky abrasive  
smooth knobbly



**Useful links: Materials Song**

[https://www.youtube.com/watch?v=xOKr462HLc0&feature=emb\\_logo](https://www.youtube.com/watch?v=xOKr462HLc0&feature=emb_logo)

**FUN FACTS:** Currently, **diamond** is regarded to be the hardest known material in the world.

Learning Outcomes

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

Grouping Materials

## wood

shed pencil chair desk  
bed bookcase drawers side table

These objects are made of wood.

Grouping Materials

## glass

bottle lightbulb television glass  
windscreen mirror fishbowl glasses

These objects are made of glass.

Grouping Materials

## fabric

trousers teddy  
cloth hat jumper  
armchair handbag rug

These objects are made of fabric.

Grouping Materials

## metal

spanner medal  
nails key pan  
frying pan tin screwdriver

These objects are made of metal.