

Materials: What is that made of?

Objects are made of different materials like: wood, metal, plastic, glass, brick, rock, paper, fabric and cardboard.

These materials are best suited for different purposes and are used for different things. For example, brick is used to build a house because they are **durable** and **water resistant**. A jumper is made of fabric because it is **warm** and **soft**.



brick



glass



plastic

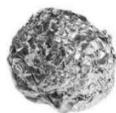


fabric



wood

We can group objects based on the material they are made of or we can group by their properties e.g. hard, shiny or bendy. We will explore how shapes of solid objects made from some materials can be changed by **squashing, bending, twisting and stretching**.



Key Vocabulary

brittle	Hard to touch but easily breakable
cold	Opposite of warm, cold to touch.
durable	Lasts a long time, is strong
firm	Hard to touch
flexible	Bendy
fragile	Easily breakable
group	Put similar objects / materials together e.g. all things made of wood
hard	Not soft or bendy
magnetic	Attracted to a magnet
Manufactured or Man made	Natural material made into a new one e.g. wood to paper
natural	Material used in its raw state e.g. wooden door
opaque	NOT see through
property	A feature of a material e.g. it is hard
rigid	Not bendy
rough	bumpy
shiny	A surface that reflects light
smooth	Not bumpy
soft	NOT hard or firm
transparent	See through
translucent	Partly see through