

Science Knowledge Organiser - Materials

Materials:



plastic



wood



metal



water



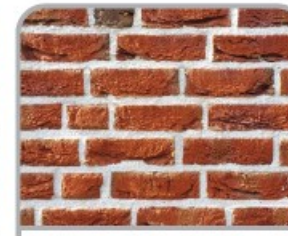
glass



stone



paper



brick



fabric

Key Vocabulary

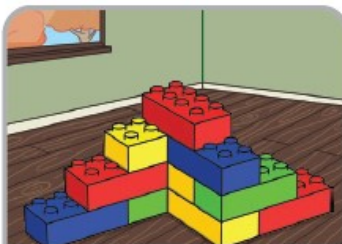
object

A thing that can be used. For example a door, chair, car, table are all **objects**.

material

Materials are what an **object** is made from.

Objects:



plastic toys



wooden furniture



metal tools



drinking water



glass window

Key Vocabulary - Properties

smooth	Smooth objects have no lumps or bumps.
bendy	Bendy things can be folded easily.
not bendy	If something is not bendy , it can't be folded easily.
waterproof	If something is waterproof , it keeps water out. It keeps things dry.
not waterproof	Not waterproof materials let water in.
absorbent	If something is absorbent , it soaks water up.
not absorbent	If something is not absorbent , it does not soak up water.
transparent	Transparent objects can be seen through.
opaque	Opaque objects can't be seen through.

hard	Not easily broken or bent.
soft	If something is soft , it is easy to cut, fold or change the shape of.
stretchy	Can be pulled to make it longer or wider without breaking.
shiny	Reflects light easily.
dull	Doesn't reflect light. Doesn't look bright or shiny .
rough	If something is rough , it feels and looks uneven or bumpy.

