

Everyday Materials

Materials are what objects are made from. Examples of materials include glass, wood, fabric, plastic, stone and metal.



This vase is made from glass.



This table is made from wood.



This T-shirt is made from fabric.



This cutlery is made from metal.



This toy is made from plastic.



This statue is made from stone.

Natural materials

Natural materials come from the world around us, such as the ground, plants and animals.



wood



metal



cotton



wool



leather



stone



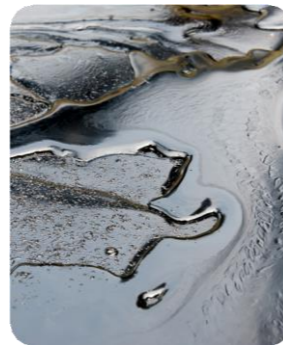
rubber



clay



silk



oil



water



sand

Man-made materials

Man-made materials are new materials people make from natural materials. Examples of man-made materials include glass, paper, plastic, brick, synthetic fabric, ceramic and concrete. Man-made materials look and feel different to the natural materials they are made from and can be used to make a range of objects.

Glass is made from sand.



Paper is made from wood.



wood

paper

Concrete is made from sand and stone.



+



sand

stone

concrete



Properties of materials

A property is a quality that a material has. Materials can be described by their properties, such as hard, soft, stretchy, bendy, transparent and waterproof. Materials have different properties, which make them suitable for making different objects.



A paper kitchen towel is soft and absorbent.



A plastic toy is hard and smooth.



Rubber wellies are waterproof and bendy.



A ceramic mug is hard and waterproof.



A metal pan is smooth and shiny.



A cotton T-shirt is soft and stretchy.



A glass window is hard and transparent.

Comparing and grouping materials

Objects and materials can be compared and put into groups according to their properties.

These objects have been put into a group. They are all similar because they are made from metal and are hard and shiny.



These objects have been put into a group. They are all similar because they are made from fabric and are soft and bendy.



Glossary

material	Materials are what objects are made from e.g. wood, plastic, metal or fabric.
property	A property is the quality that a material has. A material can have more than one property.
waterproof	A waterproof material does not let water pass through it.
transparent	A transparent material can be seen through.
natural materials	Natural materials come from the world around us, such as the ground, plants and animals.
man-made materials	New materials that people make from natural materials.

