

# Welton Primary School—Science Knowledge Organiser



Year: 1

Everyday Materials

Chemistry







## What should I already know?

- I know about similarities and differences in objects and materials.
- I can talk about things in my own environment and know how these might be different from one another.






## Vocabulary

rock	A material found in the Earth.
paper	Thin material made from trees.
water	A natural material found all over the world.
object	Things that you can touch or see. Objects are made from material.
material	The substance that things are made of.
wood	A material from trunks of trees.
plastic	A material made from chemicals.
glass	A material made from fine sand.
metal	A material found in rocks.
brick	Baked clay used for building walls.
fabric	Cloth made from weaving.
elastic	Material that stretches.
foil	Sheets of thin metal.
rubber	Stretchy material from tropical plants.
wool	A material from the hair of a sheep.
clay	A material made from small bits of


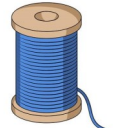


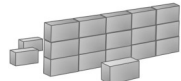



## Types of Materials

Metal	Glass	Wood	Plastic	Fabric	Paper
					
<ul style="list-style-type: none"> <li>• Metals are made from rocks.</li> <li>• Metals are strong and shiny.</li> <li>• Types of metal include iron, steel and aluminium.</li> </ul>	<ul style="list-style-type: none"> <li>• Glass is made from fine sand.</li> <li>• Glass is very strong and clear.</li> <li>• Glass is used to make windows.</li> </ul>	<ul style="list-style-type: none"> <li>• Wood comes from trees.</li> <li>• Wood is a hard and strong material.</li> <li>• Types of wood include oak, pine and ash.</li> </ul>	<ul style="list-style-type: none"> <li>• Plastic is made from different chemicals.</li> <li>• Plastic can be tough or bendy.</li> <li>• Plastic can be used for lots of things.</li> </ul>	<ul style="list-style-type: none"> <li>• Fabric is made from weaving things together.</li> <li>• Fabric is soft and bendy.</li> <li>• Fabric is used to make clothes</li> </ul>	<ul style="list-style-type: none"> <li>• Paper is made from trees.</li> <li>• It is usually thin and can be made into lots of different shapes.</li> <li>• Books are made from paper.</li> </ul>

## What are objects made from?

- Tables, chairs, benches and book-cases are often made of wood. 
- Keys, taps, screws, pans and radiators are often made of metal. 
- Windows, mirrors and drinking glass are often made of glass. 
- Bins, toys, food packaging and shopping bags are often made of plastic. 
- Newspapers, exercise books and posters are made from paper. 

Some materials are natural and some are man-made.

Natural materials are materials which are found in nature	Man-made materials are materials that have been produced by humans.
<p>wood </p> <p>cotton </p> <p>gold </p> <p>leather </p>	<p>concrete </p> <p>plastic </p> <p>paper </p> <p>glass </p>