

Glossary









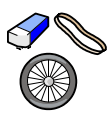

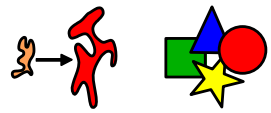
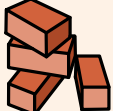
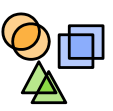
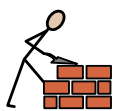

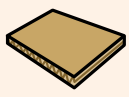

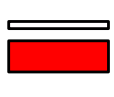






Materials and their Uses



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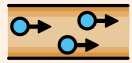
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 <p>absorbent</p>	 <p>Materials</p> <p>such as</p>  <p>paper</p> <p>and</p>  <p>fabrics</p> <p>which can</p>  <p>soak up</p>  <p>water.</p>
 <p>bendy</p>	 <p>Materials</p> <p>such as</p>  <p>rubber</p> <p>which are flexible</p> <p>and can</p>  <p>change</p>  <p>shape.</p>
 <p>bricks</p>	 <p>A type of</p> <p>ceramic</p> <p>used</p>  <p>to build</p>  <p>houses.</p>
 <p>cardboard</p>	 <p>A type of</p> <p>thick,</p>  <p>stiff</p>  <p>paper</p> <p>made from</p>  <p>wood.</p>
 <p>ceramics</p>	 <p>A waterproof</p> <p>material</p> <p>made from</p>  <p>clay</p> <p>heated</p>  <p>in a kiln.</p>

**clay**

A soft earthy material used to make ceramics.

**conduct**

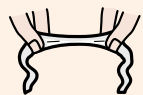
Metals are good at transferring heat and electricity.

**corrosion**




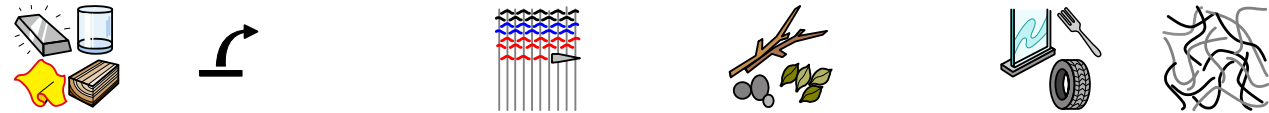




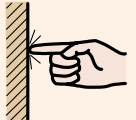
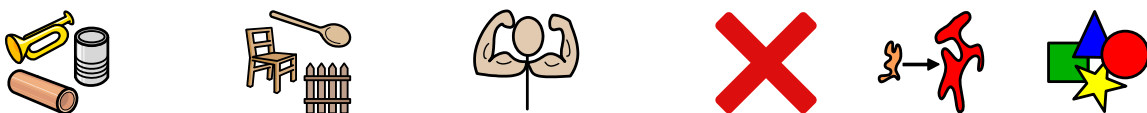
Chemical processes that break down metals.

**durable**


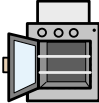
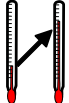



Materials like rubber resist breaking down.

**elastic**

Fabric and rubber can stretch and change shape.








 electricity	 A type of energy used to power equipment.
 fabric	 A material made by weaving together natural and synthetic fibres.
 flexible	 Ability to bend, stretch and adjust shape.
 glass	 A transparent, waterproof material made from silica.
 hard	 Metals and wood are strong and resist changing shape.

**kiln**






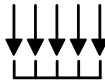

A special oven used to bake clay and turn into ceramics.

**knitting**




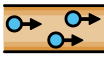


A method of creating cloth from fibres such as wool.

**materials**




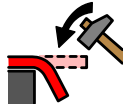


Paper, fabric, metal, wood and plastic are all materials.

**metal**





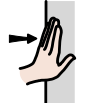










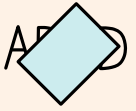












































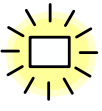





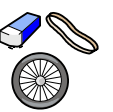



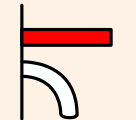


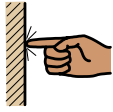


Strong substances that are shiny and conduct heat and electricity.


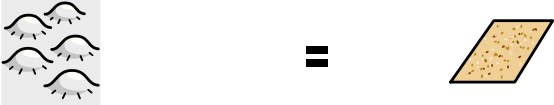
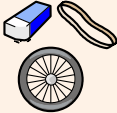


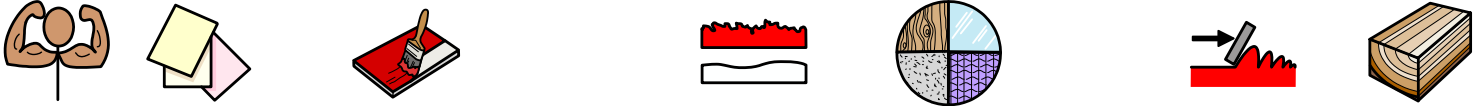


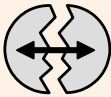
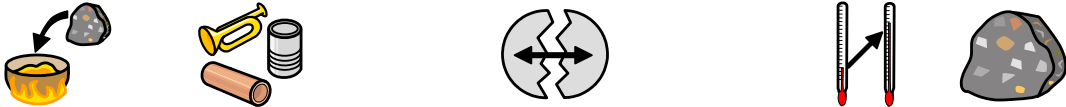
**moulded**









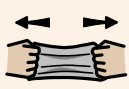








Metals and plastics can be shaped by pouring into a mould.

 <p>moulded</p>	      <p>Clay is soft and can be pushed into shape with hands.</p>
 <p>natural material</p>	       <p>Clay, wood, cotton and wool are natural, not synthetic.</p>
 <p>opaque</p>	      <p>You cannot see through materials like wood and metal.</p>
 <p>paper</p>	        <p>A thin material made from wood, used for writing, printing and wrapping.</p>
 <p>plastic</p>	      <p>Cheap, waterproof, synthetic materials made from oil.</p>

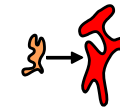
 <p>polyester</p>	     <p>A cheap synthetic fabric made from plastic.</p>
 <p>property</p>	    <p>A characteristic of a material is called a property.</p>
 <p>renewable</p>	       <p>Wood is a renewable resource as new trees can be planted.</p>
 <p>resilient</p>	     <p>Metal and rubber are tough and resist wear and tear.</p>
 <p>rigid</p>	     <p>Metal and wood are hard and resist bending.</p>

 <p>rough</p>	 <p>Uneven and bumpy, such as sandpaper</p>
 <p>rubber</p>	 <p>A tough, waterproof material made from sap, used to make hoses and wellies.</p>
 <p>sandpaper</p>	 <p>A tough paper with a coating of an abrasive substance, for smoothing wood.</p>
 <p>sap</p>	 <p>The sap of some trees is used to make rubber.</p>
 <p>separated</p>	 <p>In smelting, the metal is separated from the heated ore.</p>

 <p>silica</p>	 <p>A type of sand used to make glass.</p>
 <p>smelting</p>	 <p>Metal is separated from the heated ore.</p>
 <p>smooth</p>	 <p>A material that has a flat and even surface, such as glass.</p>
 <p>soft</p>	 <p>A material that can be pressed, bent, squashed or pushed.</p>
 <p>stretch</p>	 <p>Fabrics are elastic and can stretch to change shape.</p>



strong



Wood, metal and plastic are durable and do not change shape.



synthetic



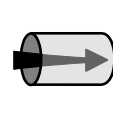
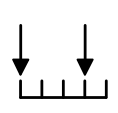
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Materials such as plastics are not natural, and are made in a factory.



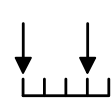
translucent



Some light can pass through.



transparent



You can see through glass and some plastics.



trees



A renewable resource which provides wood.



waterproof



Glass

and



rubber



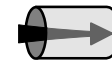
do not



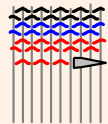
allow



water



to pass through.

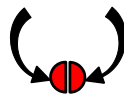


weaving



Fabrics

are



made

by

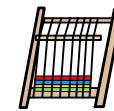


combining



fibres

on a



loom.



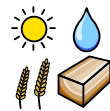
wood



A renewable,



natural



resource

that

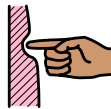
comes from



trees.



wool



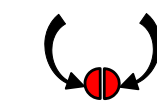
A soft



warm



fabric



made from



the fur

of



sheep

and



goats.