

Key Vocabulary			
Material	Properties	Uses	Why
<b>Glass</b>	<ul style="list-style-type: none"> <li>transparent</li> <li>rigid</li> <li>fragile</li> <li>waterproof</li> </ul>	Windows	allows light through keeps homes safe and dry
<b>Metal e.g. steel, copper</b>	<ul style="list-style-type: none"> <li>hard</li> <li>waterproof</li> <li>shiny</li> <li>cold</li> </ul>	Car	keeps people dry protects people if in a crash
<b>Fabric e.g. cotton</b>	<ul style="list-style-type: none"> <li>soft</li> <li>flexible</li> </ul>	Clothes	comfortable on skin can move freely
<b>Wood</b>	<ul style="list-style-type: none"> <li>flammable</li> <li>hard</li> <li>strong</li> </ul>	Matches	can start a fire
<b>Plastic</b>	<ul style="list-style-type: none"> <li>smooth</li> <li>flexible / rigid</li> <li>transparent/ opaque</li> <li>squashy / hard</li> </ul>	Food packaging	to keep food moist
<b>Paper</b>	<ul style="list-style-type: none"> <li>flammable</li> <li>light</li> <li>flexible</li> <li>can be absorbent</li> </ul>	Kitchen roll	Soaks up liquid
<b>Brick</b>	<ul style="list-style-type: none"> <li>strong</li> <li>hard</li> <li>heavy</li> <li>rough</li> </ul>	Walls of buildings	Holds the building up

Properties	
<b>Translucent</b>	Allows some light to pass through
<b>Brittle</b>	Hard but may break easily
<b>Rigid</b>	Cannot be squashed, twisted, stretched or bent
<b>Flexible</b>	Can be squashed, twisted, stretched or bent easily
<b>Absorbent</b>	Able to soak up liquid
<b>Waterproof</b>	Does not let liquid through
<b>Flammable</b>	Burns easily

Properties		
Key word	Definition	Examples
<b>Natural</b>	Materials that come from plants, animals or the ground.	<ul style="list-style-type: none"> <li>stone</li> <li>wood</li> <li>cotton</li> <li>Some metal (e.g. gold)</li> </ul>
<b>Man made</b>	Material made by humans.	<ul style="list-style-type: none"> <li>paper</li> <li>plastic</li> <li>glass</li> <li>Some metal (e.g. steel)</li> </ul>
<b>Recyclable</b>	Turning waste products into new products	<ul style="list-style-type: none"> <li>paper</li> <li>plastic</li> <li>metal</li> <li>glass</li> </ul>