








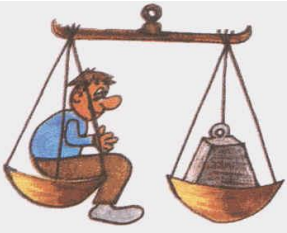






# 3C CHARACTERISTICS OF MATERIALS

<h2>Glossary</h2>	<p>What does it <b>look</b> like? Is it <b>opaque</b>? Is it <b>transparent</b>?</p> 	<p>Which <b>group</b>?</p>	<p><b>Test it!</b> Is it <b>hard</b>? Is it <b>soft</b>? Is it <b>strong</b>? Is it <b>brittle</b>?</p>
<p><b>absorbent</b> – a material that is able to take in and hold liquid <b>non-absorbent or waterproof</b> – does not hold liquid</p>	<p>What does it <b>feel</b> like?</p> 	<p><b>metal</b></p> 	<p>Is it <b>rigid</b>? Is it <b>flexible</b>? Will it <b>break</b>?</p> 
<p><b>fabric</b> – manufactured cloth made of fibres - sometimes referred to as "material"</p>	<p>Is it <b>smooth</b>? Is it <b>rough</b>? Is it <b>textured</b>?</p> 	<p><b>wood</b></p> 	<p>Is it <b>stretchy</b>? Can you <b>squash</b> it?</p> 
<p><b>flexible</b> – able to bend easily without breaking <b>rigid</b> – does not bend easily</p>	<p>Is it <b>heavy</b>? Is it <b>light</b>?</p>	<p><b>stone</b> (including <b>glass</b>)</p> 	<p>Does it <b>conduct electricity</b>?</p> 
<p><b>group</b> – materials can be grouped according to common properties e.g. metals, plastics, fibres, wood etc.</p>	<p>Compared to what?</p> 	<p><b>fibres</b></p> 	<p>Is it <b>waterproof</b>? Is it <b>absorbent</b>? Is it <b>magnetic</b>?</p>  
<p><b>manufactured</b> – when a raw material such as wood is changed into a new material e.g. paper</p>		<p><b>plastic</b></p> 	
<p><b>opaque</b> – the property of a material that blocks the light</p>			
<p><b>property</b> – a characteristic of a material e.g. hard, soft, bendy, shiny etc.</p>			
<p><b>transparent</b> – lets light through e.g. glass</p>			