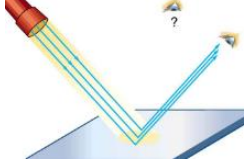

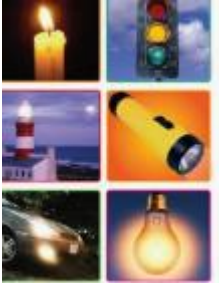


<h3>Working scientifically</h3>	<h3>Key images</h3>		
<ul style="list-style-type: none"> <li>• <b>GROUP AND CLASSIFY OBJECTS</b> according to their properties – light sources and not light sources, opaque, translucent and transparent materials.</li> <li>• <b>PLAN AND CARRY OUT FAIR TESTS</b> (investigation). Predict what they think will happen in an investigation.</li> <li>• <b>LOOK FOR PATTERNS</b> Work out what the results of an investigation show</li> <li>• <b>OBSERVE SOMETHING OVER A LENGTH OF TIME.</b></li> <li>• <b>RESEARCH.</b> Find out facts using books, the internet other people</li> </ul>	<p>reflection</p> 	<p>shadows</p> 	<p>light sources</p> 
<h3>Key facts</h3>	<h3>Key vocabulary</h3>		
<ul style="list-style-type: none"> <li>• Know that light is needed to see things.</li> <li>• Know that dark means there is no light.</li> <li>• Notice that light <b>REFLECTS</b> from shiny and bright surfaces.</li> <li>• Know that the moon <b>REFLECTS</b> the sun's light, the moon is NOT a light source</li> <li>• Know that light from the sun can be dangerous and that there are ways to protect your eyes</li> <li>• Know that <b>shadows</b> are formed when an opaque object blocks the light from the light source.</li> <li>• The size of shadows change; the closer the object to the light source the bigger the shadow.</li> </ul>	<p><b>Light source</b></p>	<p>an object that gives out light</p>	
	<p><b>Transparent</b></p>	<p>an object that is see through, all the light travels through it</p>	
	<p><b>Translucent</b></p>	<p>an object that lets some light pass through it</p>	
	<p><b>Opaque</b></p>	<p>an object that blocks all the light</p>	
	<p><b>Reflection</b></p>	<p>when light bounces off an object</p>	
	<p><b>Shadows</b></p>	<p>formed when an opaque object blocks the light</p>	