




Key vocabulary	
<b>Object</b>	An item.
<b>Material</b>	What an item is made of.
<b>Man-made</b>	Not naturally made.
<b>Properties</b>	An objects characteristic. E.g.: hard.
<b>Stretchy</b>	Able to return to its original shape.
<b>Stiff</b>	Resists a stretch or bend.
<b>Bendy</b>	Capable of changing shape and is flexible.
<b>Rough</b>	Has an uneven surface.
<b>Smooth</b>	Has an even surface.
<b>Wood</b>	Coming from trees.
<b>Metal</b>	Solid material which can be shiny.
<b>Plastic</b>	Man-made material which is hard.
<b>Glass</b>	Transparent material, breakable.
<b>Brick</b>	Made of clay.
<b>Rock</b>	Naturally occurring solid made of minerals.
<b>Paper</b>	Made from wood being processed.
<b>Cardboard</b>	Heavy duty paper.

Key Knowledge	
<b>Preceding</b>	<ul style="list-style-type: none"> <li>Say what something is made from.</li> <li>Decide what to build something from and why.</li> </ul>
<b>Current</b>	<ul style="list-style-type: none"> <li>I can say what an object is and the material it is made from.</li> <li>Paper is good for doing my writing on as it is smooth.</li> <li>Cardboard is good for boxes, it is strong but you can also fold it.</li> <li>Rocks and bricks are good for building as they are strong.</li> <li>A table is made of wood. Wood is hard, solid and smooth.</li> <li>The windows are made of glass. Glass is hard, solid and transparent.</li> <li>I can compare and group objects by their simple physical properties. Both glass and wood are smooth.</li> <li>Some solids can be changed by squashing, bending, twisting and stretching them. Like plasticine.</li> </ul>

Scientific Enquiry	
<b>Research</b>	<p>How are plastics made? Which materials can be recycled?</p> 
<b>Comparative testing</b>	<p>Which materials would be the best for the roof of....?</p> <p>Which materials are the most absorbent?</p> 
<b>Observing over time</b>	<p>Would a paper boat float forever?</p> <p>What happens to shaving foam over time?</p> 
<b>Identifying</b>	<p>Which materials are waterproof?</p> 