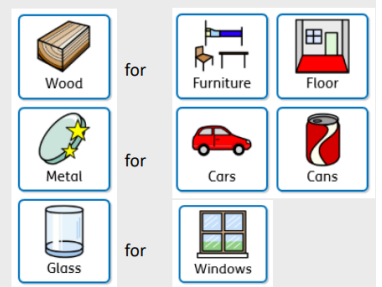





<p>Year 2: Science autumn term 1</p>	<p>Unit: Good choices</p>	<p>Theme: Uses of every day materials</p>																															
<p>What I should already know: I know that objects are things that you can touch and see. I know that objects are made from materials. I know that materials include glass, wood and plastic. I know that some words to describe materials are shiny, soft, rough. I can identify materials which are natural and which are man-made.</p>	<p>What I will know by the end of the unit: I can identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses. I can find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.</p>	<table border="1"> <thead> <tr> <th colspan="2">Vocabulary</th> </tr> </thead> <tbody> <tr> <td>Absorbent</td> <td>Material that soaks up liquid easily.</td> </tr> <tr> <td>Bend</td> <td>An object that bends easily into a curved shape.</td> </tr> <tr> <td>Dull</td> <td>A colour or light that is not bright.</td> </tr> <tr> <td>Man-made</td> <td>Things are created by people.</td> </tr> <tr> <td>Materials</td> <td>What a thing is or can be made of.</td> </tr> <tr> <td>Natural</td> <td>Things that exist in nature and are not made by people.</td> </tr> <tr> <td>Opaque</td> <td>If an object or substance is opaque, you cannot see through it.</td> </tr> <tr> <td>Properties</td> <td>The qualities or features that belong to something and make it recognisable.</td> </tr> <tr> <td>Squash</td> <td>Pressed or crushed with such force that something loses its shape.</td> </tr> <tr> <td>Stretch</td> <td>When a material is slightly elastic.</td> </tr> <tr> <td>Suitability</td> <td>Something that is suitable for a particular purpose or occasion is right or acceptable for it.</td> </tr> <tr> <td>Transparent</td> <td>If an object is transparent, you can see through it.</td> </tr> <tr> <td>Twist</td> <td>Turn something to make a spiral shape.</td> </tr> <tr> <td>Waterproof</td> <td>Does not let water pass through it.</td> </tr> </tbody> </table>		Vocabulary		Absorbent	Material that soaks up liquid easily.	Bend	An object that bends easily into a curved shape.	Dull	A colour or light that is not bright.	Man-made	Things are created by people.	Materials	What a thing is or can be made of.	Natural	Things that exist in nature and are not made by people.	Opaque	If an object or substance is opaque , you cannot see through it.	Properties	The qualities or features that belong to something and make it recognisable.	Squash	Pressed or crushed with such force that something loses its shape.	Stretch	When a material is slightly elastic.	Suitability	Something that is suitable for a particular purpose or occasion is right or acceptable for it.	Transparent	If an object is transparent , you can see through it.	Twist	Turn something to make a spiral shape.	Waterproof	Does not let water pass through it.
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<p>Fact file Materials are used for different purposes based on their properties. For example:</p> 	<p>Key Scientist Charles Macintosh 1766 – 1843 was a Scottish chemist and the inventor of the modern waterproof raincoat. The Mackintosh raincoat is named after him.</p>  <p>What are materials used for?</p>  <p>What properties of materials make them suitable for a particular use?</p> 	<p>How can you change the shape of materials?</p> 