

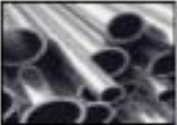














Topic: Everyday Materials	Phase: KS1 Y1	Strand: Chemistry																																																
<p>Prior Knowledge:</p> <p>I know about similarities and differences in relation to places, objects, materials and living things. I can talk about the features of my own immediate environment and how environments might vary from one another.</p>	<p>Diagrams:</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>bendy</td> <td>an object that bends easily into a curved shape</td> </tr> <tr> <td>brick</td> <td>rectangular blocks of baked clay used for building walls, which are usually red or brown</td> </tr> <tr> <td>dull</td> <td>a colour or light that is not bright</td> </tr> <tr> <td>elastic</td> <td>a rubber material that stretches when you pull it and returns to its original size and shape when you let it go</td> </tr> <tr> <td>fabrics</td> <td>cloth or other material produced by weaving together cotton, wool or other threads.</td> </tr> <tr> <td>foil</td> <td>sheets of metal as thin as paper</td> </tr> <tr> <td>glass</td> <td>a hard transparent material</td> </tr> <tr> <td>man-made</td> <td>things are created by people</td> </tr> <tr> <td>metal</td> <td>a hard substance such as iron, steel, gold, or lead</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>plastic</td> <td>a material which is light in weight and does not break easily</td> </tr> <tr> <td>rock</td> <td>the hard substance which the Earth is made of</td> </tr> <tr> <td>rough</td> <td>uneven and not smooth</td> </tr> <tr> <td>shiny</td> <td>things are bright and reflect light</td> </tr> <tr> <td>smooth</td> <td>no roughness, lumps, or holes</td> </tr> <tr> <td>soft</td> <td>not rough or hard</td> </tr> <tr> <td>stiff</td> <td>firm or does not bend easily</td> </tr> <tr> <td>stretchy</td> <td>slightly elastic</td> </tr> <tr> <td>transparent</td> <td>If an object is transparent, you can see through it</td> </tr> <tr> <td>waterproof</td> <td>does not let water pass through it</td> </tr> <tr> <td>wood</td> <td>the material which forms the trunks and branches of trees</td> </tr> </tbody> </table>	Vocabulary		absorbent	material that soaks up liquid easily	bendy	an object that bends easily into a curved shape	brick	rectangular blocks of baked clay used for building walls, which are usually red or brown	dull	a colour or light that is not bright	elastic	a rubber material that stretches when you pull it and returns to its original size and shape when you let it go	fabrics	cloth or other material produced by weaving together cotton, wool or other threads.	foil	sheets of metal as thin as paper	glass	a hard transparent material	man-made	things are created by people	metal	a hard substance such as iron, steel, gold, or lead	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	plastic	a material which is light in weight and does not break easily	rock	the hard substance which the Earth is made of	rough	uneven and not smooth	shiny	things are bright and reflect light	smooth	no roughness, lumps, or holes	soft	not rough or hard	stiff	firm or does not bend easily	stretchy	slightly elastic	transparent	If an object is transparent , you can see through it	waterproof	does not let water pass through it	wood	the material which forms the trunks and branches of trees
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<p>What will I know by the end of the unit?</p> <p>Which materials are some objects made from?</p> <p>The names of some everyday materials.</p> <p>What are some properties of objects and materials?</p> <p>How to group objects and materials by their properties.</p> <p>Which is a good material for a purpose?</p> <p>What it means to recycle?</p>																																																		
<p>Investigate</p> <p>What is the best material for an umbrella or a tent?</p> <p>What are the best materials to use to make a boat that floats and is waterproof?</p> <p>Which little pig's/wolf's house is the best?</p>																																																		

<p>Topic: Everyday Materials</p>	<p>Phase: KS1 Y1</p>		<p>Strand: Chemistry</p>	
<p>Prior Knowledge:</p> <p>I know objects are made from different materials.</p> <p>I can describe how objects are similar and different.</p>	<p>Waterproof</p>	<p>does not let water pass through it</p>	<p>Material</p>	<p>Image</p>
<p>What will I know by the end of the unit?</p> <p>Which materials are some objects made from?</p> <p>The names of some everyday materials.</p> <p>What are some of the properties of objects and materials?</p> <p>How to group objects and materials by their properties.</p> <p>Which is a good material for a purpose?</p> <p>What it means to recycle?</p>	<p>Floating</p>	<p>is when an object is on the water.</p>	<p>Metal</p>	
<p>Investigate</p> <p>Which materials float and which sink?</p> <p>Which is the best house?</p> <p>What is the best material to make an Umbrella /tent with?</p> <p>Can I make a waterproof boat?</p>	<p>Sinking</p>	<p>is when the whole object is below the surface.</p>	<p>Glass</p>	
<p></p>	<p>Absorbent</p>	<p>material that soaks up liquid easily</p>	<p>Wood</p>	
<p></p>	<p>Transparent</p>	<p>If an object is transparent, you can see through it</p>	<p>Plastic</p>	
<p></p>	<p>Opaque</p>	<p>if an object or substance is opaque, you cannot see through it</p>	<p>Rubber</p>	
<p></p>	<p>Recycle</p>	<p>means using things that have already been used, to make new things.</p>	<p>Brick</p>	
<p></p>	<p>Properties</p>	<p>are what a material is like and how it behaves.</p>	<p>Paper</p>	
<p></p>			<p>Cardboard</p>	