



Science Topic Overview: **Materials**

Previous linked learning	I think I already know...	I would like to find out...																
<p>Year 1</p> <ul style="list-style-type: none"> • I can distinguish between an object and the material from which it is made • I can identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock • I can describe the simple physical properties of a variety of everyday materials • I can compare and group together a variety of everyday materials on the basis of their simple physical properties 																		
<p>Key Vocabulary</p>																		
<p><i>wood, plastic, glass, paper, metal, rock, hard, soft, rough, smooth, shiny, dull, bendy, stiff, properties, compare</i></p>	<p>By the end of this unit you will be able to....</p>																	
<table border="0"> <tr> <td>brick</td> <td>transparent</td> </tr> <tr> <td>fabric</td> <td>squash</td> </tr> <tr> <td>elastic</td> <td>bend</td> </tr> <tr> <td>foil</td> <td>flexible</td> </tr> <tr> <td>solid</td> <td>twist</td> </tr> <tr> <td>waterproof</td> <td>stretch</td> </tr> <tr> <td>absorbent</td> <td>push</td> </tr> <tr> <td>opaque</td> <td>pull</td> </tr> </table>	brick	transparent	fabric	squash	elastic	bend	foil	flexible	solid	twist	waterproof	stretch	absorbent	push	opaque	pull	<ul style="list-style-type: none"> - Describe an extensive range of materials explaining their properties - identify and compare the suitability of wood, metal, plastic and glass for particular uses (link to DT) - identify and compare the suitability of brick, rock, paper and cardboard for particular uses (link to DT) - explore how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching - Ask 'What material is best for a raincoat?' and investigate a range of materials and their suitability <div data-bbox="1809 1161 2029 1406" data-label="Image"> </div>	
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