


# Year 2 – Materials

Key Concepts	Learning possibilities	Scientific Enquiry	Prior Learning
<p>Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses</p> <p>Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.</p>	<ul style="list-style-type: none"> <li>Classify materials.</li> <li>Make suggestions about alternative materials for a purpose that are both suitable and unsuitable</li> <li>Test the properties of materials for particular uses e.g. compare the stretchiness of fabrics to select the most appropriate for costumes for the Incredibles, test materials for waterproofness to select the most appropriate for a rain hat</li> </ul>		<ul style="list-style-type: none"> <li>Distinguish between an object and the material from which it is made. (Y1 - Everyday materials)</li> <li>Identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock. (Y1 - Everyday materials)</li> <li>Describe the simple physical properties of a variety of everyday materials. (Y1 - Everyday materials)</li> <li>Compare and group together a variety of everyday materials on the basis of their simple physical properties. (Y1 - Everyday materials)</li> </ul>
Key Vocabulary		Cultural Capital	
<p>Materials</p> <p>Natural</p> <p>Man-made</p> <p>Manufactured</p> <p>Object</p>	<p>Change</p> <p>Bake</p> <p>Bend</p> <p>Twist</p> <p>Stretch</p>	<p>Squash</p> <p>Heat</p> <p>Cool</p> <p>Freeze</p> <p>Melt</p>	<p>Boil</p> <p>New material</p> <p>Different purposes i.e.</p> <p>Telegraph poles</p>
		<p><b>Edina Mode</b></p> 