
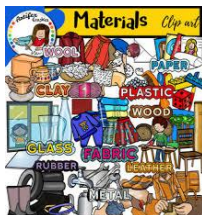




Inspiring children to be resilient and aspirational learners, within a positive and considerate community

Subject: Science	Year group: 1 Term: Summer 2	Title: Everyday Materials													
<p><b>What should I already know?</b></p> <ul style="list-style-type: none"><li>Children can speculate on reasons on how things work (EYFS)</li><li>Children have played with a variety of objects, made from different materials; discussing how these work.</li></ul>	<p><b>Facts I will learn ....</b></p> <ul style="list-style-type: none"><li>Everyday objects are made from a variety of materials, including: wood, plastic, glass, metal, rock, etc.</li><li>Some materials are hard/soft, stretchy/stiff, shiny/dull, rough/smooth and which materials these are.</li><li>Some everyday objects are made up of more than one type of material.</li><li>Objects can be grouped and classified based on a number of different areas (e.g. strength, size, colour, etc.)</li></ul>	<p><b>Key questions .....</b></p> <ul style="list-style-type: none"><li>What different materials are objects made from?</li><li>How do I know that this material is ...?</li><li>How can I describe the different properties of everyday materials?</li><li>What is similar or dissimilar between different materials?</li><li>Why are some materials better than others for certain objects?</li></ul> <div></div>													
<p><b>Key Skills.....</b></p> <ul style="list-style-type: none"><li>Asking simple questions and recognising that they can be answered in different ways (WS1)</li><li>Observing closely, using simple equipment (WS2)</li><li>Performing simple tests (WS3)</li><li>Identifying and classifying (WS4)</li><li>Gathering and recording data to help in answering questions (WS6)</li></ul>	<p><b>Experiences that school will provide:</b></p> <ul style="list-style-type: none"><li>A variety of practical investigations.</li></ul> <div></div>	<p><b>Key vocab</b></p>	<p><b>Definition</b></p> <table><tr><td>Object</td><td>A material that can be seen or touched.</td></tr><tr><td>Material</td><td>Something used to make something.</td></tr><tr><td>Waterproof</td><td>An object that does not allow water to pass through it.</td></tr><tr><td>Absorbent</td><td>An object that allows water to pass through it.</td></tr><tr><td>Shiny</td><td>Having a smooth and bright appearance.</td></tr><tr><td>Dull</td><td>Not bright or shiny.</td></tr></table>	Object	A material that can be seen or touched.	Material	Something used to make something.	Waterproof	An object that does not allow water to pass through it.	Absorbent	An object that allows water to pass through it.	Shiny	Having a smooth and bright appearance.	Dull	Not bright or shiny.
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<p><b>Web links</b></p> <p><a href="https://www.stem.org.uk/resources/community/collection/12725/year-1-everyday-materials">https://www.stem.org.uk/resources/community/collection/12725/year-1-everyday-materials</a></p>	<p><b>Experiences that could be provided at home...</b></p>														

<https://explorify.uk/teaching-support/teaching-science/materials-explore-with-your-class>

- Investigate if wood, plastic or metal is the best material for cutlery.