

# Everyday Materials : Science : Year 1

	Learning Objective	Overview	Assessment Questions	Resources
<b>Lesson 1</b>	To be able to identify a variety of common materials.	Children will learn what materials are, identify some common materials, and describe some of their uses.	<ul style="list-style-type: none"> <li>Do children know what a material is?</li> <li>Can children identify a variety of common materials?</li> <li>Do children know where some materials come from?</li> </ul>	<ul style="list-style-type: none"> <li>Slides</li> <li>Worksheet 1A/1B/1C</li> <li>Sorting Cards A/B</li> <li>Label Cards (FSD? activity only)</li> </ul>
<b>Lesson 2</b>	To be able to distinguish between an object and the material from which it is made.	Children will look at a variety of objects and identify some of the materials they are made from. To show what they have understood, children may write lists, match objects to labels or sort objects and materials.	<ul style="list-style-type: none"> <li>Can children identify a variety of common materials?</li> <li>Can children distinguish between an object and the material from which it is made?</li> <li>Can children identify which material a variety of common objects are made from?</li> </ul>	<ul style="list-style-type: none"> <li>Slides</li> <li>Worksheet 2A/2B/2C/2D</li> <li>Materials Cards (FSD? activity only)</li> <li>Variety of materials to sort (FSD? activity only)</li> <li>Picture Cards (FSD? activity only)</li> </ul>
<b>Lesson 3</b>	To be able to describe materials according to their properties.	Children will use words such as 'soft', 'smooth', 'hard', or 'bendy' to describe and/or sort a variety of materials and objects.	<ul style="list-style-type: none"> <li>Can children use a variety of appropriate words to describe what various materials are like?</li> <li>Can children match materials to various properties?</li> <li>Can children group objects and materials according to their properties?</li> </ul>	<ul style="list-style-type: none"> <li>Slides</li> <li>Variety of objects e.g. oil, felt, stones, corrugated cardboard, elastic bands, marbles, plastic cups, etc.</li> <li>Worksheet 3A/3B</li> <li>Word Mat</li> <li>Question Cards</li> </ul>
<b>Lesson 4</b>	To be able to describe why some materials suit certain objects better than others.	Children will consider why the properties of materials make them suitable for certain uses. They will then select appropriate materials for use in a range of objects.	<ul style="list-style-type: none"> <li>Can children identify and describe a variety of materials?</li> <li>Can children suggest why a material has been chosen for a particular purpose?</li> <li>Can children identify materials that are inappropriate for certain uses and offer alternatives?</li> </ul>	<ul style="list-style-type: none"> <li>Slides</li> <li>Worksheet 4A/4B/4C</li> <li>Statement Cards</li> <li>Game Cards A/B (FSD? activity only)</li> </ul>
<b>Lesson 5</b>	To carry out an experiment to find out which materials are waterproof.	Children will devise methods for testing materials to determine whether or not they are waterproof. They may then either test materials, or produce a model of a waterproof product.	<ul style="list-style-type: none"> <li>Can children make suggestions for how to test which materials are waterproof and which aren't?</li> <li>Can children test a variety of materials to see which are waterproof and which aren't?</li> <li>Can children draw conclusions from their experiment?</li> </ul>	<ul style="list-style-type: none"> <li>Slides</li> <li>Worksheet 5A/5B/5C</li> <li>Materials to test</li> <li>Plastic cups</li> <li>Elastic bands</li> <li>Water</li> <li>Spoons</li> <li>Plastic trays</li> <li>Materials to construct umbrella frames (FSD? activity only)</li> </ul>
<b>Lesson 6</b>	To recap what we have learnt about everyday materials.	Children will recap prior learning (done during previous lessons), then show what they have understood by making models or matching objects to labels and descriptions.	<ul style="list-style-type: none"> <li>Can children identify a variety of everyday materials and describe their properties?</li> <li>Can children distinguish an object from the material from which it is made?</li> <li>Can children identify materials that are suitable for a particular purpose?</li> </ul>	<ul style="list-style-type: none"> <li>Slides</li> <li>Wheel Template A/B/C</li> <li>Booklet Template</li> <li>Challenge Cards (FSD? activity only)</li> <li>Variety of materials (FSD? activity only)</li> <li>End of Unit Quiz</li> </ul>