

## Staplegrove Church School

### Knowledge and Skills Progression in Science

#### Everyday materials

Year group	Knowledge	Skills	Unit
1	<p>A <b>material</b> is what an object is made from. Everyday materials include wood, plastic, glass, metal, water, rock, brick, paper and fabric.</p>	<p>Identify and name what an object is made from, including wood, plastic, glass, metal, water and rock.</p>	Everyday Materials
	<p>Materials have different <b>properties</b>, such as <b>hard or soft; stretchy or stiff; rough or smooth; opaque or transparent; bendy or rigid; waterproof or not waterproof; magnetic or non-magnetic.</b></p>	<p>Investigate and describe the simple physical properties of some everyday materials, such as hard or soft; stretchy or stiff; rough or smooth; opaque or transparent; bendy or rigid; waterproof or not waterproof and magnetic or non-magnetic.</p>	Everyday Materials
	<p>Materials can be <b>grouped</b> according to their properties.</p> <p>A material is what an object is made from. Everyday materials include wood, plastic, glass, metal, water, rock, brick, paper and fabric.</p>	<p>Compare and group materials in a variety of ways, such as based on their physical properties; being natural or man-made and being recyclable or non-recyclable.</p> <p>Identify and name what an object is made from, including wood, plastic, glass, metal, water and rock.</p>	Everyday Materials Shade and Shadows
2	<p>A material's <b>physical properties</b> make it suitable for particular <b>purposes</b>, such as glass for windows and brick for building walls. Many materials are used for more than one purpose, such as metal for cutlery and cars.</p>	<p>Compare the suitability of a range of everyday materials for particular uses, including wood, metal, plastic, glass, brick, rock, paper and cardboard.</p>	Animal Survival Uses of Materials
	<p>Some objects and materials can be <b>changed</b> by <b>squashing, bending, twisting, stretching, heating, cooling, mixing and being left to decay.</b></p>	<p>Describe how some objects and materials can be changed and how these changes can be desirable or undesirable.</p>	Uses of Materials
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