

## Goonhavern Primary School- Science

**TOPIC: Everyday Materials**

**YEAR: 1**

**STRAND: Chemistry**

What should I know already?	What will I know by the end of the unit?	
<ul style="list-style-type: none"> <li>Objects feel and look different based on the material they are made from.</li> <li>Use different materials when painting and making art.</li> </ul>	Objects are things that you can touch or see. Objects are made from materials.	
	What materials can objects be made from?	Glass, metal, rock, plastic, wood, water, brick, paper, fabrics, elastic, foil
	What words can I use to describe those materials?	Transparent, waterproof, opaque, stiff, soft, shiny, rough, absorbent, bright, bendy, stretchy, hard, smooth, dull
	Which materials are natural and which are man-made?	<ul style="list-style-type: none"> <li>Some materials are natural while others are man-made.</li> <li>Natural materials are materials which are found in nature.</li> <li>Man-made materials are materials which have been produced by humans.</li> </ul> <div style="text-align: center; margin-top: 10px;"> <p style="text-align: center; font-weight: bold; font-size: small;">Natural Materials</p> <p style="text-align: center; font-weight: bold; font-size: small;">Man-made Materials</p> </div>

### Vocabulary

Absorbent	Material that soaks up liquid easily.
Bendy	An object that bends easily into a curved shape.
Dull	A colour or light that is not bright.
Elastic	A rubber material that stretches when you pull it and returns to its original size and shape when you let it go.
Fabrics	Cloth or together material produced by weaving together cotton, wool or other threads.
Man-made	Made or caused by human beings (as opposed to occurring or being made

	naturally).
Natural	Existing in or derived from nature; not made or caused by humankind.
Opaque	If an object or substance is opaque, you cannot see through it.
Rough	Uneven and not smooth.
Shiny	Things are bright and reflect light.
Smooth	No roughness, lumps or holes.
Stiff	Firm or does not bend easily.
Transparent	If an object is transparent you can see through it.
Waterproof	Does not let water pass through it.

Investigate!
<ul style="list-style-type: none"> <li>• How are objects similar / different based on the materials they are made from?</li> <li>• How are materials similar / different to each other?</li> <li>• Can you sort natural materials from man-made materials?</li> <li>• What is the best material for an umbrella?</li> <li>• What is the best material for lining a dog basket?</li> <li>• What is the best material for a superhero costume?</li> <li>• What is the best material for curtains?</li> <li>• What is the best material for a bookshelf?</li> </ul>

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Q1	Start of Unit	End of Unit	Q3	Start of Unit	End of Unit

