Goonhavern Primary School- Science							
TOPIC Uses of Everyday Materials	YEAR: 2	STRAND: Chemistry					

What should I know already?	What will I know by the end of the unit?					
<ul> <li>Objects are things that you can touch or see.</li> <li>Objects are made from materials.</li> <li>Some materials that objects are made from (e.g. glass, wood, plastic)</li> </ul>	What are materials used for?	<ul> <li>Materials are used for different purposes based on their properties.</li> <li>For example, wood is used to make furniture and floors.</li> <li>Metal can be used to make coins, cans, cars and cutlery.</li> <li>Glass can used to make windows</li> </ul>				
<ul> <li>Some words to describe materials (e.g. shiny, soft, rough absorbent)</li> <li>Materials which are natural and which are man-made.</li> </ul>	What properties of materials make them suitable for a particular use?	<ul> <li>Glass can be used to make windows because it is transparent.</li> <li>Rulers can be made from wood, plastic or rubber because these materials are smooth and can be cut straight.</li> <li>Spoons are made from metal, because it is waterproof and can be cleaned easily. They can also be made from plastic for children because plastic is light and it cannot hurt children's growing teeth.</li> </ul>				
	How can you change the shape of materials?	The shape of some materials can be changed when they are stretched, twisted, bent and squashed.				

Vocabulary							
Absorbent	Material that soaks up liquid easily.						
Fabrics Cloth or other material produced by weaving together cotton or other thread							
Man-made	Things created by people.						
Natural	Existing in nature and not made by people.						
Opaque	You cannot see through it.						
Properties	The qualities or features that belong to something and make it recognizable.						
Purpose	The reason for which it is made or done.						
Recyclable	Materials or waste which can be processed and used again.						
Suitable	It is right or acceptable for a purpose.						

Transparent	You can see through it.
Unsuitable	Does not have the right properties for the purpose or situation.
Waterproof	Does not let water pass through it.

## Investigate!

- Compare the uses of everyday materials in and around the school with materials found in other places (at home, the journey to school, on visits, and in stories, rhymes and songs).
- Distinguish between absorbent and waterproof materials. Discuss what happens when water is placed on these materials.
- Consider why some properties of materials make them suitable or unsuitable for different uses
- Investigate if some items can be made by more than one material (e.g. cutlery) and explain why.
- Discuss which materials are recyclable and why. Follow the recycling process.
- Investigate how some objects can be changed by squashing, bending, twisting and stretching.

	Goonhavern Primary School								
TOPIC: YEAR: STRAND:									
Q1	Start of Unit	En	d of Unit		Q3	Start of U	Jnit		End of Unit

Q2	Start of Unit	End of Unit	Q4	Start of Unit	End of Unit