




# Year 2: Materials Monster Knowledge Mat

Subject Specific Vocabulary		Working Scientifically	By the end of this unit, I will know....
<b>absorbent</b>	The ability to soak up or take in a liquid, like the way a sponge holds water.	<ul style="list-style-type: none"> <li>• Observe closely.</li> <li>• Perform simple tests.</li> <li>• Identify and classify.</li> <li>• Use observations and ideas to suggest answers to questions.</li> <li>• Gather and record data to help in answering questions.</li> </ul>  	Wood is used to make buildings and furniture and for making fires and heating.
<b>waterproof</b>	Something that keeps water out is waterproof. Water cannot pass through it.		Most of the paper or cardboard we use came from trees.
<b>flexible</b>	Bends easily without breaking.		Glass is a hard transparent material that can be made in many shapes, like windows and bottles. It is usually transparent and can come in different colours.
<b>rigid</b>	Unable to bend or forced out of shape.		Plastics are used to make many of the things we use in everyday life. They are used for toys, bicycle helmets, mobile phones, window frames and many other common items.
<b>opaque</b>	A material that blocks light from passing through it and cast a shadow. You cannot see through them		Petrol is used to make plastic and it invented just over a 100 years ago.
<b>transparent</b>	Light completely passes through the material, and you can see clearly through it.		Our famous scientist for the term is: Leo Baekeland
<b>squashing</b>	Squashing is pushing things closely together.		
<b>bending</b>	Bending is changing the shape and direction of something.		
<b>twisting</b>	To twist something you move one part clockwise and the other part anticlockwise.		
<b>stretching</b>	Stretching is to change shape by pulling it to make it longer or wider.		
<b>material</b>	Something that an object is or can be made from, e.g. a saucepan can be made from metal.		
<b>properties</b>	The characteristics of a material, e.g. glass can be transparent. Transparent is the property.		