



## Wordsworth Science Curriculum

KS1 Materials	
Year 1 Spring 1 and 2	Year 2 Spring 1
<ul style="list-style-type: none"> <li>To perform a simple test to test the strength of different materials.</li> <li>To ask simple questions</li> </ul>	<ul style="list-style-type: none"> <li>To plan and perform a test on absorbency of materials and gather data to answer a question.</li> <li>To ask more probing questions and find out the answer using different sources.</li> </ul>
<ul style="list-style-type: none"> <li>Distinguish between an object and the material from which it is made.</li> <li>Name a variety of everyday materials, including wood, plastic, glass, metal, water and rock. <i>Outdoors – material hunt</i></li> <li><b>Describe</b> the simple physical properties of a variety of everyday materials. <i>Partially Outdoors –</i></li> <li><b>Compare</b> and group together a variety of everyday materials on the basis of their simple physical properties. <i>partially outdoors</i></li> </ul>	<ul style="list-style-type: none"> <li><b>Compare</b> the suitability of a variety of everyday materials including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses. <i>Outdoors – looking at what things are made out of outside, would cardboard make a good fence?</i></li> <li>To <b>describe</b> how materials are unsuitable for particular purposes and think about unusual and creative uses for everyday materials e.g. plastic bag.</li> <li><b>Compare and contrast</b> how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.</li> <li>To find out about people who have developed useful materials and explain the effect on society e.g. John Dunlop, Charles Macintosh and John McAdam.</li> </ul>