



St Bartholomew's Knowledge Organiser	Class 2	Spring 1&2 Science – Year A	Use of Everyday Materials
<b>What we will learn:</b>		<b>Science Knowledge:</b>	
<p>In this unit you will learn how to;</p> <ul style="list-style-type: none"> <li>➤ Label a picture or diagram of an object made from different materials</li> <li>➤ Sort objects and materials using a range of properties</li> <li>➤ Choose an appropriate method for testing an object for a particular property</li> <li>➤ Name an object, say what material it is made from, identify its properties and make a link between the properties and a particular use</li> <li>➤ Label a picture or diagram of an object made from different materials</li> <li>➤ Choose an appropriate method for testing a material for a particular property</li> <li>➤ What is the best material for Barnaby's coat?</li> <li>➤ Floating and sinking experiments</li> </ul>		<ul style="list-style-type: none"> <li>➤ Distinguish between an object and the material from which it is made.</li> <li>➤ Identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock.</li> <li>➤ Describe the simple physical properties of a variety of everyday materials.</li> <li>➤ Compare and group together a variety of everyday materials on the basis of their simple physical properties.</li> <li>➤ Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses.</li> <li>➤ Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.</li> </ul>	
<b>Important Vocabulary</b>		<b>Scientific skills we will develop:</b>	
<p>Object, material, wood, plastic, glass, metal, water, rock, brick, paper, fabric, elastic, foil, card/cardboard, rubber, wool, clay, hard, soft, stretchy, stiff, bendy, floppy, waterproof, absorbent, breaks/tears, rough, smooth, shiny, dull, see-through, not see-through</p> <p>Names of materials – wood, metal, plastic, glass, brick, rock, paper, cardboard</p> <p>Opaque, transparent and translucent, reflective, nonreflective, flexible, rigid</p> <p>Shape, push/pushing, pull/pulling, twist/twisting, squash/squashing, bend/bending, stretch/stretching</p>		<ul style="list-style-type: none"> <li>➤ Perform simple tests.</li> <li>➤ To discuss my ideas about how to find things out.</li> <li>➤ To say what happened in my investigation.</li> <li>➤ Use simple features to compare objects, materials and living things and, with help, decide how to sort and group them.</li> </ul>	