





Year 1 – Materials

Key Concepts	Learning possibilities	Scientific Enquiry	Prior Learning
<p>Distinguish between an object and the material from which it is made</p> <p>Identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock</p> <p>Describe the simple physical properties of a variety of everyday materials</p> <p>Compare and group together a variety of everyday materials on the basis of their simple physical properties</p>	<ul style="list-style-type: none"> • Discuss the difference between Object - A thing that can be seen and touched and Material - The 'stuff' an object is made out of. • Compare the same object made from different materials in terms of its effectiveness. • Investigate which materials are natural and which are man-made. • Test the properties of objects - best material to use for an umbrella - absorbency of cloths etc • Take a materials walk around school Add words to a word wall Play I spy something,,,, shiny • Play games of selecting 3 objects with same properties or odd one out games 		<p>Use all their senses in hands-on exploration of natural materials. (N - Materials, including changing materials)</p> <ul style="list-style-type: none"> • Explore collections of materials with similar and/or different properties. (N - Materials, including changing materials) • Talk about the differences between materials and changes they notice. (N - Materials, including changing materials)
Cultural Capital			
Key Vocabulary		 <p>Charles Macintosh 1766-1843</p> <p>Macintosh was very interested in chemistry and experimented with melting rubber to join cloth together. He invented the first waterproof coat.</p> <p>open the website: www.bp.com/bpes</p>	 <p>The Three Little Pigs The Great Paper Caper by Oliver Jeffers</p> <p>New From Old: Recycling Plastic by Anthony Robinson</p> <p>Wood/Plastic/Glass/Metal (Acorn: Exploring Materials) by Abby Colich</p> <p>Humpty Dumpty open the website: www.bp.com/bpes click on 'Enter a student code' enter the code: 25054</p>
<p>Materials</p> <p>Metals</p> <p>Plastic</p> <p>Wood</p> <p>Glass</p> <p>Clay</p>	<p>Rock</p> <p>Fabric</p> <p>Sand</p> <p>Hard</p> <p>Soft</p> <p>Rough</p>	<p>Waterproof</p> <p>Strong</p> <p>Shiny</p> <p>Dull</p> <p>Bendy</p>	<p>Weak</p> <p>Group</p> <p>Object</p> <p>Sort</p> <p>Stretchy</p> <p>Rigid</p>

Crockerne Church of England Primary



Crockerne C of E Primary School

Smooth

Bendy

click on 'Enter a student code'
enter the code: **24677**