
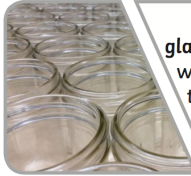

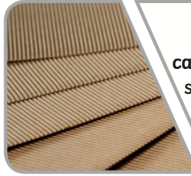




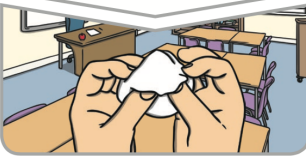
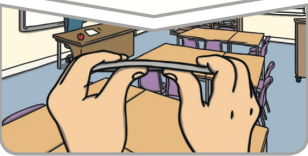
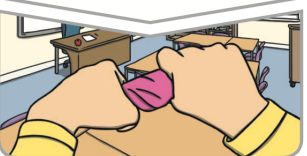



Harrowbarrow School: Science					
Topic:	Great Fire of London - use of everyday materials	Year:	1/2	Term:	Spring

What I should know already	Important facts
<p>Everyday materials</p> <p>I can 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>I can describe the simple physical properties of a variety of everyday materials.</p> <p>I can compare and group together a variety of everyday materials on the basis of their simple physical properties.</p>	<div style="display: flex; flex-wrap: wrap; justify-content: space-around;"> <div style="width: 45%; text-align: center;">  <p>wood: hard, stiff, strong, opaque, can be carved into any shape.</p> </div> <div style="width: 45%; text-align: center;">  <p>glass: waterproof, transparent, hard, smooth.</p> </div> <div style="width: 45%; text-align: center;">  <p>paper: lightweight, flexible.</p> </div> <div style="width: 45%; text-align: center;">  <p>cardboard: strong, light, stiff.</p> </div> <div style="width: 45%; text-align: center;">  <p>plastic: waterproof, strong, can be made to be flexible or stiff, smooth or rough.</p> </div> <div style="width: 45%; text-align: center;">  <p>metal: strong, hard, easy to wash.</p> </div> <div style="width: 45%; text-align: center;">  <p>fabric: soft, flexible, hard-wearing, can be stretchy, warm, absorbent.</p> </div> <div style="width: 45%; text-align: center;">  <p>rubber: hard-wearing, elastic, flexible, strong.</p> </div> </div>

Vocabulary	Key knowledge/diagrams
<p>Materials</p> <p>Materials are what objects are made from.</p>	<div style="display: flex; justify-content: space-around;"> <div style="width: 22%; text-align: center;"> <p>Squash an object by pushing both hands together.</p>  </div> <div style="width: 22%; text-align: center;"> <p>Bend an object by grabbing both ends of the object and bringing the ends inwards together.</p>  </div> <div style="width: 22%; text-align: center;"> <p>Twist an object by turning your hands in opposite directions.</p>  </div> <div style="width: 22%; text-align: center;"> <p>Stretch an object by pulling your hands slowly and gently apart.</p>  </div> </div>
<p>Suitability</p> <p>Suitability means having the properties that are right for its purpose.</p>	
<p>Properties</p> <p>This is what a material is like.</p>	

What should I know by the end of this unit?
<p>I can classify objects by materials. I can test different properties of materials. I know the different properties of different materials. I know where different materials come from. I understand the saying reduce, reuse and recycle. I can carry out different investigations involving materials.</p>