



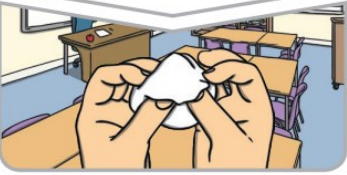
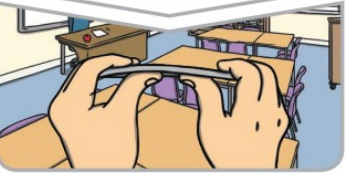
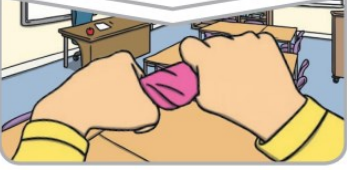
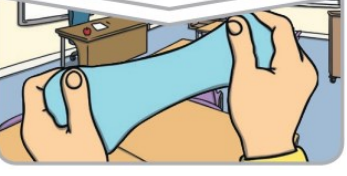

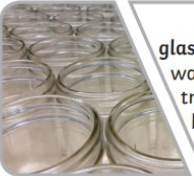








<p>Be able to use simple scientific language to explain what is being learnt.</p>	<p>Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses.</p>	<p>Explain how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching .</p>	<p>Compare the suitability of a variety of materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses.</p>		
<p>Key Vocabulary</p>		<p>Knowledge</p>		<p>Knowledge</p>	
<p>Bend Direction Force Move Pull Push Squash Squeeze Stretch Twist</p>	<p>Bring the ends inwards together. Left, right, up, down. A push or a pull to change the shape. To change position. A force to bring something closer or together. A force to move something away or apart. Push both hands together. As squash. Pulling your hands apart gently. Turning hands in opposite directions.</p>	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%; text-align: center;"> <p>Can You Squash It?</p>  </div> <div style="width: 50%; text-align: center;"> <p>Can You Bend It?</p>  </div> <div style="width: 50%; text-align: center;"> <p>Can you Twist It?</p>  </div> <div style="width: 50%; text-align: center;"> <p>Can You Stretch It?</p>  </div> <div style="width: 50%; text-align: center; margin-top: 20px;"> <p>Squash an object by pushing both hands together.</p>  </div> <div style="width: 50%; text-align: center; margin-top: 20px;"> <p>Bend an object by grabbing both ends of the object and bringing the ends inwards together.</p>  </div> <div style="width: 50%; text-align: center; margin-top: 20px;"> <p>Twist an object by turning your hands in opposite directions.</p>  </div> <div style="width: 50%; text-align: center; margin-top: 20px;"> <p>Stretch an object by pulling your hands slowly and gently apart.</p>  </div> </div>		<div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%; text-align: center;">  <p>wood: hard, stiff, strong, opaque, can be carved into any shape.</p> </div> <div style="width: 50%; text-align: center;">  <p>glass: waterproof, transparent, hard, smooth.</p> </div> <div style="width: 50%; text-align: center;">  <p>plastic: waterproof, strong, can be made to be flexible or stiff, smooth or rough.</p> </div> <div style="width: 50%; text-align: center;">  <p>metal: strong, hard, easy to wash.</p> </div> <div style="width: 50%; text-align: center;">  <p>paper: lightweight, flexible.</p> </div> <div style="width: 50%; text-align: center;">  <p>cardboard: strong, light, stiff.</p> </div> <div style="width: 50%; text-align: center;">  <p>fabric: soft, flexible, hard-wearing, can be stretchy, warm, absorbent.</p> </div> <div style="width: 50%; text-align: center;">  <p>rubber: hard-wearing, elastic, flexible, strong.</p> </div> </div>	