


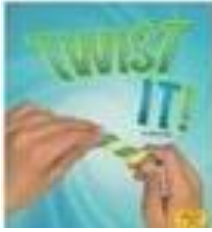



# Year 2: Squash, Bend, Twist, Squeeze Knowledge Mat

Subject Specific Vocabulary		Working Scientifically	By the end of this unit, I will know....
<b>material</b>	Something that an object is or can be made from, e.g. a saucepan can be made from metal.	<ul style="list-style-type: none"> <li>Observe closely.</li> <li>Perform simple tests.</li> <li>Identify and classify.</li> <li>Use observations and ideas to suggest answers to questions.</li> <li>Gather and record data to help in answering questions.</li> </ul>	You can squash an object by pushing both hands together.
<b>properties</b>	The characteristics of a material, e.g. glass can be transparent. Transparent is the property.		You can bend an object by grabbing both ends of the object and bringing the ends inwards together.
<b>flexible</b>	Bends easily without breaking.		You can twist an object by turning your hands in opposite directions.
<b>rigid</b>	Unable to bend or forced out of shape.		You can stretch an object by pulling your hands slowly and gently apart.
<b>fold</b>	Bend (something flexible and relatively flat) over on itself so that one part of it covers another.		Not all materials are flexible and so cannot be squashed, squeezed, bent or twisted. Their properties make them suitable for other uses.
<b>squashing</b>	Squashing is pushing things closely together.		<p><b>Squashing, Bending, Twisting and Stretching</b></p>  <p><b>STRETCH IT!</b></p>  <p><b>SQUASH IT!</b></p>  <p><b>TWIST IT!</b></p>  <p><b>BEND IT!</b></p> 
<b>bending</b>	Bending is changing the shape and direction of something.		
<b>twisting</b>	To twist something you move one part clockwise and the other part anticlockwise.		
<b>stretching</b>	Stretching is to change shape by pulling it to make it longer or wider.		
<b>push</b>	Use force to move a thing (object) away from you.		
<b>pull</b>	Use force to move a thing (object) closer to you.		
			<p>Our famous scientists for the term are: Charles Goodyear and Stephen Perry</p> 