





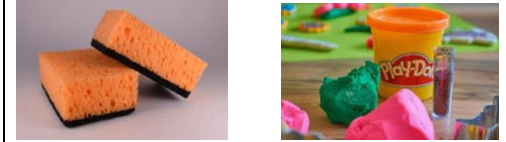


Materials - Changing Shape Knowledge Organiser Year 2 Autumn 1		
VOCABULARY		Materials can change shape in lots of different ways.
bend	Change something into a more curved shape.	 <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px;">Bend</div> <div style="border: 1px solid black; padding: 5px;">Squash</div> </div>
twist	Wind or coil around.	
squash	Press into a flatter shape or smaller space.	 <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px;">Twist</div> <div style="border: 1px solid black; padding: 5px;">Stretch</div> </div>
stretch	Pull and make longer.	
elastic	Able to return to its original shape after stretching.	 <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px;">Twist</div> <div style="border: 1px solid black; padding: 5px;">Stretch</div> </div>
flexible	Easily bent without breaking.	
predict	Say what you think will happen.	<p>Some materials change shape easily and some do not.</p>
variable	A thing that can be changed in an investigation.	
fair test	Changing one variable at a time and keeping the rest the same.	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Plasticine changes shape and stays changed.</p>  </div> <div style="text-align: center;"> <p>A sponge changes shape but then returns to its original shape.</p>  </div> <div style="text-align: center;"> <p>A stone does not change shape.</p>  </div> </div>

Some materials change shape easily:



Some materials do not easily change shape:



Some materials change more easily with heat:

