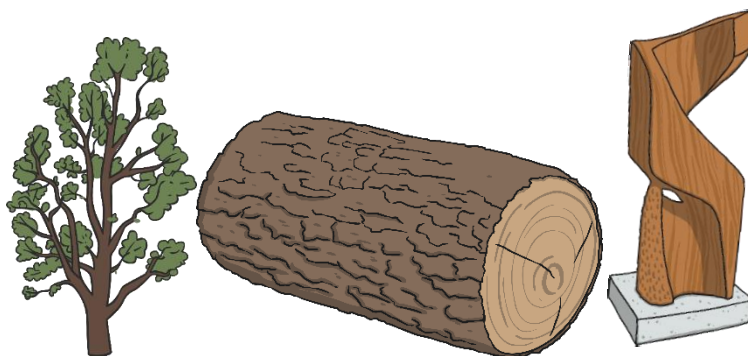


### Knowledge Organiser

Year Group	Subject	Topic
2	Science	Squash, Bend, Twist and Stretch

#### The Big Picture

Children explore how the shapes of objects can be changed by squashing, bending, twisting and stretching. In doing this they raise questions, perform simple tests, and gather and record data.



#### Enquiry Question









1. Can you squash, bend, stretch, twist? How?
2. What material have had their shape changed?
3. How can we classify or sort these objects?


#### To do at Home!

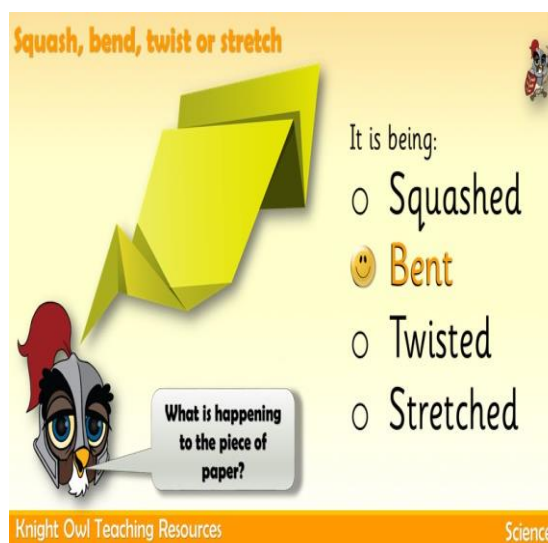
How are shapes of solid objects made? Look around your homes and draw solid objects, write a list, or take photographs of solid objects that have been squashed, bent or bend, twisted or twist and stretched. Identify and classify in a table or graph. See example below.

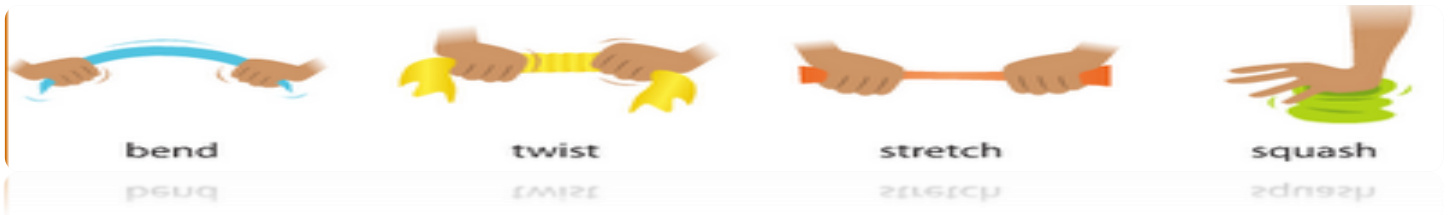
### Changing Shape




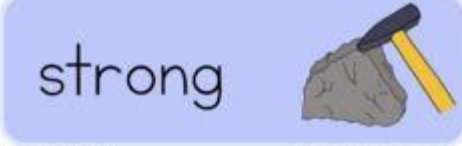
Explore the objects on your table and record your answers by putting a tick or a cross in each column.

Object	Can You Squash It?	Can You Bend It?	Can you Twist It?	Can You Stretch It?
drinks can 				
pipe cleaner 				
sock 				
drinking straw 				
playdough 				
bath towel 				
sponge 				
elastic band 				


Science Year 11: how do things change? (Q&A) by David Harrison





Key Vocabulary	
<b>bend</b>	to force something that is straight into a curve or an angle
<b>squash</b>	squash: to push something together so that it changes shape, e.g., becomes flat
<b>stretch</b>	to pull something and make it longer
<b>twist</b>	to turn something that is still or standing
<div>  </div> <div>  </div> <div>  </div> <div>  </div>	<p><b>Not able to change shape easily.</b></p> <p><b>To be able to change shape easily.</b></p> <p><b>To break easily.</b></p> <p><b>Not easily breakable.</b></p>

