

Science home learning

Materials w/c 22nd June

Changing the Shape of Materials



How can we change the shape of objects made from some materials?

Can you think of an example of when you have changed the shape of something? What was it and how did you change it?

Which materials do you think would be easy to change the shape of? Why?

Which materials do you think would be more difficult to change the shape of and why?



Squashing, Bending, Twisting and Stretching



Squash an object by pushing both hands together.



Bend an object by grabbing both ends of the object and bringing the ends inwards together.



Twist an object by turning your hands in opposite directions.



Stretch an object by pulling your hands slowly and gently apart.

Can You?

Have a think about these questions:



Can you twist a ruler?



Can you squash a ruler?






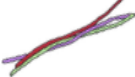







Can you stretch a pencil?



Can you bend a pencil?

Fill in the table below. If you don't have these objects at home, then try something else instead.

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 