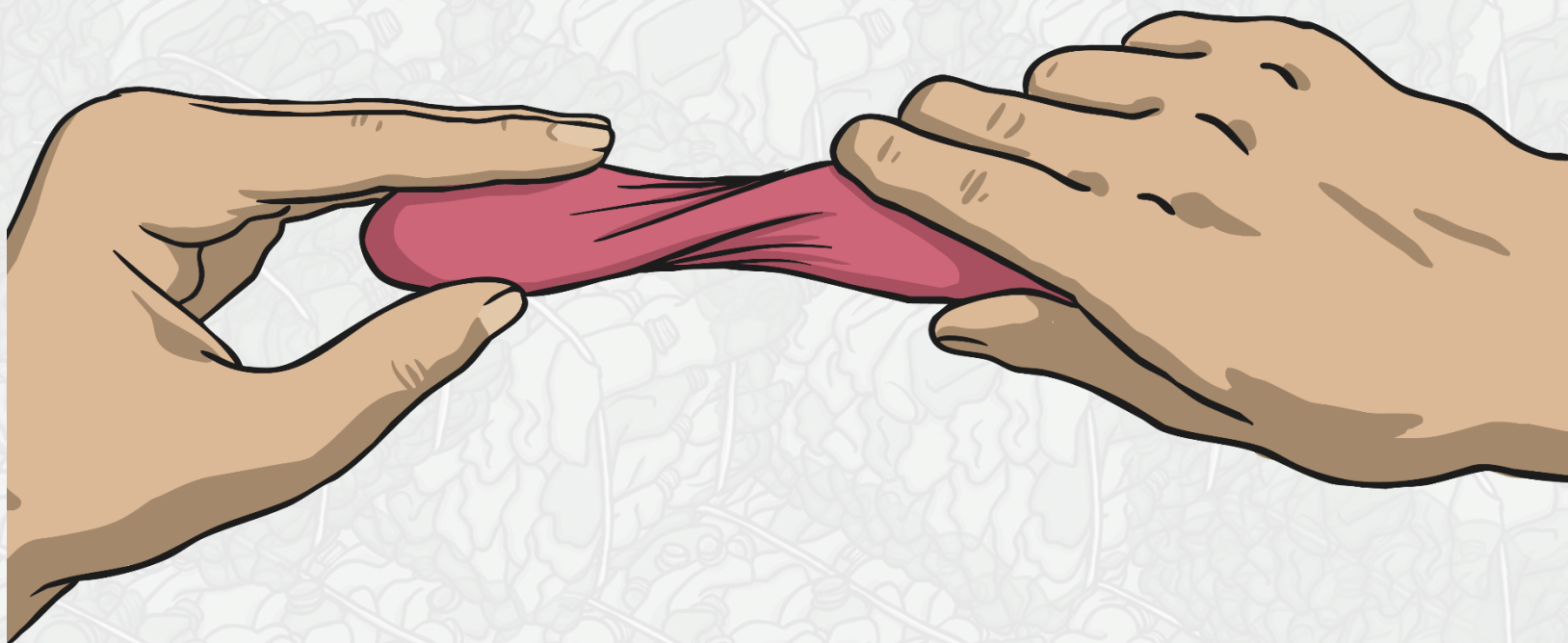




Science

Uses of Everyday Materials

Changing Shape



Aim

- I can explain how the shapes of objects made from some materials can be changed.

Success Criteria

- I can tell you four ways the shapes of some objects can be changed.
- I can demonstrate four ways to change the shape of some objects.



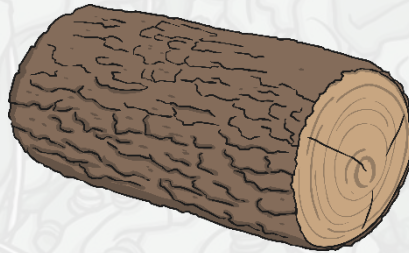
Changing the Shape of Materials

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?

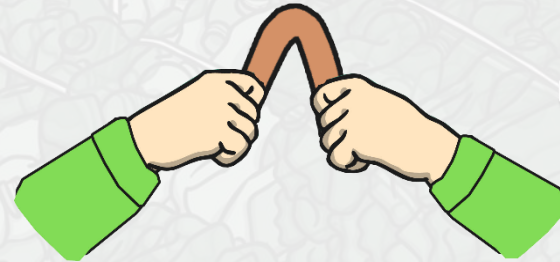




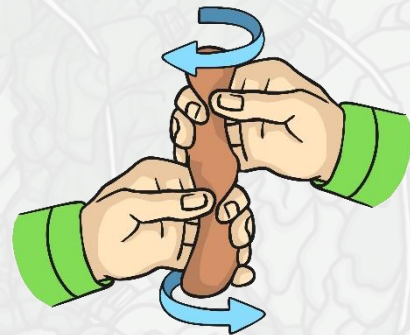
Squashing, Bending, Twisting and Stretching



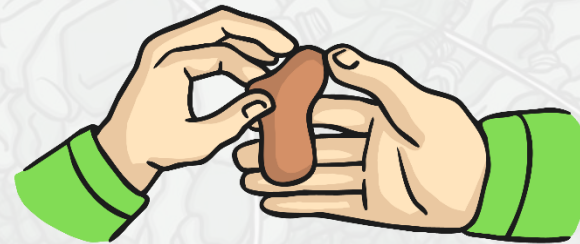
Squash an object by pushing both hands together.



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.

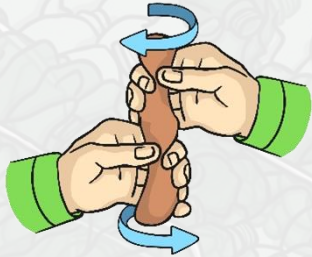
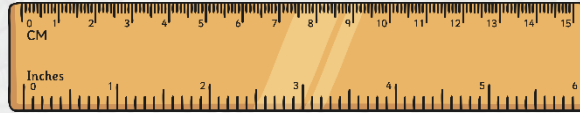


Stretch an object by pulling your hands slowly and gently apart.

Can You?



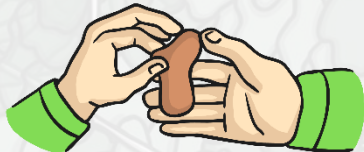
Have a think about these questions:



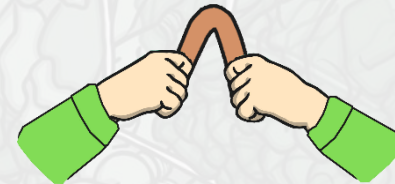
Can you twist a ruler?



Can you squash a ruler?



Can you stretch a pencil?



Can you bend a pencil?