



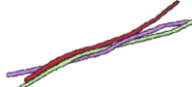




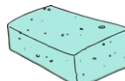








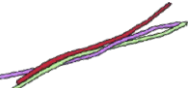




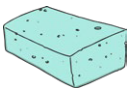

Changing Shape

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? 
plastic bottle 				
pipe cleaner 				
sock 				
drinking straw 				
playdough 				
bath towel 				
sponge 				
elastic band 				

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playdough 				
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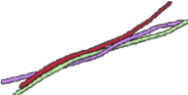




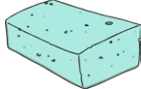

The shape of all these objects could be changed in some way. See if you can find 3 objects which can't be squashed, bent, twisted or stretched. Write them down here:



Changing Shape



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Object	Can You Squash It?	Can You Bend It?	Can You Twist It?	Can You Stretch It?
plastic bottle 				
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bath towel 				
sponge 				
elastic band 				



Changing Shape

Which was the most changeable object on your

Which was the least changeable object on your

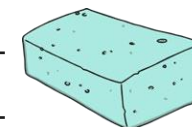
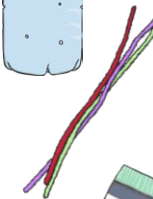
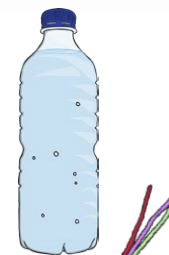
Why do you think this is?

The shape of all these objects could be changed in some way. See if you can find 3 objects which can't be squashed, bent, twisted or stretched. Write them down here:

What have you noticed about all the objects which change shape?

What have you noticed about all the objects which don't change shape?

Why do you think some objects do change and others



Changing Shape Answers

Question	Answer				
	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?
	plastic bottle	✓	✓	✓	✗
	pipe cleaner	✓	✓	✓	✗
	sock	✓	✓	✓	✓
	drinking straw	✓	✓	✓	✓
	playdough	✓	✓	✓	✓
	bath towel	✓	✓	✓	✗
	sponge	✓	✓	✓	✓
	elastic band	✓	✓	✓	✓