



1.2 Can we care for our environment?

Problems in our environment

Write or draw about the ways we look after the environment and ways we harm the environment.

 People harm our environment	 People care for our environment

1.4 Extreme Weather

The right clothes

Draw yourself wearing the right clothes for the weather in each box.

deep snow	very heavy rain
very hot weather	very windy weather

True and False:

1. All places have same environment. _____
2. Environmental groups are groups of people who pollute the land. _____
3. Everyday the temperature can't change.

4. Children in Summer wear scarf and gloves.

5. Weather forecasters are scientists who tell us what the weather be like. _____
6. Lion lives in the dry place. _____
7. We should throw trash on the street. _____

2.1 What are rocks?

Comparing rocks

Draw some of your rock samples.

Were any of your rocks coloured?

Did any of your rocks have spotted bits in them?

How did your rocks feel?

Use these words.

cold hard rough smooth soft warm

True and false:

1. Granite is a very strong stone. _____

2. Diamond is very soft stone. _____

3. Rocks cover the surface of water. _____

4. All rocks are same. _____

5. We use soil to grow our food. _____

6. Different rocks are used for same things.

7. Soil has rocks in it. _____

8. Rocks are man-made materials. _____

9. Cars are natural materials. _____

3.1 Material changing shape

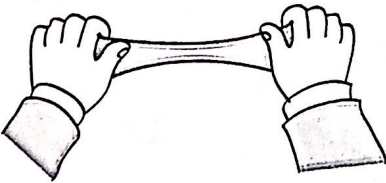
Changing shape

In each picture, think about how the shape has been changed.

Use these words.

bending squashing stretching twisting

A



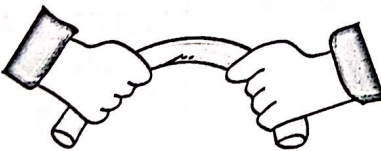
How has the shape been changed? _____

B



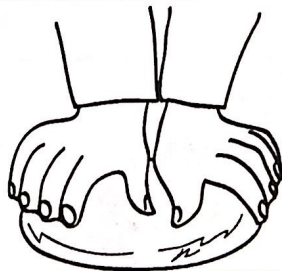
How has the shape been changed? _____

C



How has the shape been changed? _____

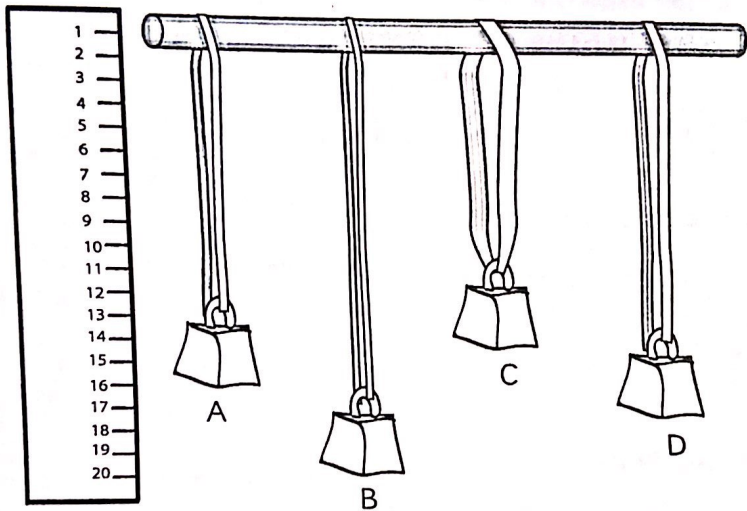
D



How has the shape been changed? _____

3.3 Fantastic elastic

Which elastic is stronger?



These elastic bands are being tested with four equal weights.

- 1 Which band is the strongest? _____
- 2 Which band has stretched the most? _____
- 3 Why do the thinner elastic bands stretch more?

cooling materials

Describe the liquids before they go in the freezer and after they have been in the freezer. Use these words.

liquid solid

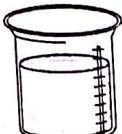




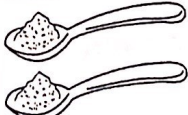


Liquid	Before freezing	After freezing
water		
cooking oil		
fruit cordial diluted with cooking oil		
fruit cordial diluted with water		
milk		

Materials in water

Look at the pictures below.

What will happen when each spoonful is stirred into the water?

Draw a picture to show what will happen.

 water	 salt	 water	 sugar
This is what will happen:		This is what will happen:	
 water	 lots of salt	 water	 sand
This is what will happen:		This is what will happen:	

True and false:

1. When we press something down, it is called twisting. _____

2. We can bend materials by cooling down.

3. Some materials do not change materials so easily. _____

4. Stretching is one of the ways to change the shape of materials. _____

5. If water is put into a freezer it changes to ice.

6. A liquid will change to a solid if you heat it up.

7. Sugar can be dissolved in warm water.

1. We can _____ the shape of different materials.
2. Dough and modelling clay are the examples of _____.
3. Materials that will stretch are called _____ materials.
4. _____ is a natural elastic material.
5. Elastic materials change when they are _____.
6. A _____ will change to a _____ if it is cooled to a low enough temperature.
7. When a candle burns, the _____ flame begins to _____ the wax.