

Unit – 5 - Matter and Materials

1. Look at the given picture and sort the natural and man-made things in the given table. Also justify your answer.



	Things	Justify
Natural materials	<p>.....</p> <p>.....</p>	<p>.....</p> <p>.....</p>
Man – made materials	<p>.....</p> <p>.....</p>	<p>.....</p> <p>.....</p>

2. State true or false. Correct the false statement.

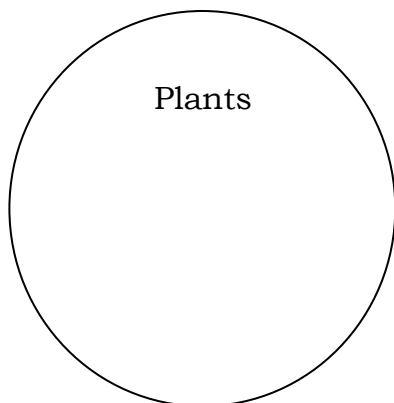
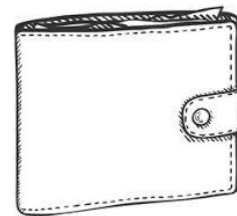
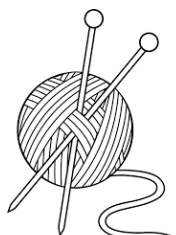
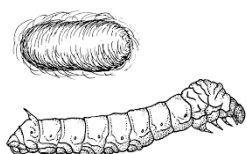
- a) Natural things are non – living. -
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- b) Man – made things are living.
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3. Looks at the picture and list 4 materials and their sources.

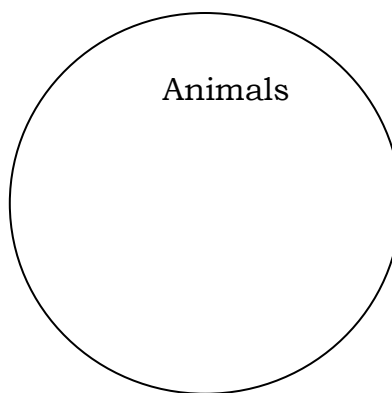
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4. Raj studies various materials that are used to make different objects. Help him to write the given materials under proper headings according to their sources.



Plants



Animals

5. There are materials that we get from earth which we use in our day-to-day life. Complete the following table by writing their uses.

Clay
Metals like copper, iron, gold, silver
Coal, petroleum and natural gas

6. Plastic bags have become a fundamental part of our life.

a. List the properties of plastic that make it so useful.

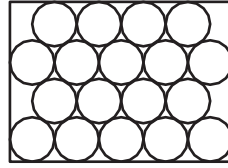
.....



b. Explain how does plastic affect ocean life.

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7. Safia draws a model to show the particles in a solid.



This solid melts.

Draw a model to show the particles in the liquid.



8. State which of these statements describe a solid, liquid or a gas?

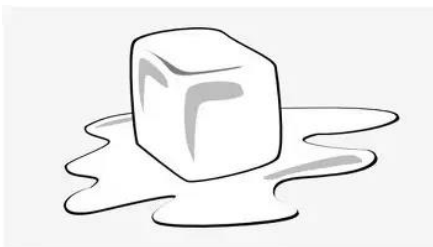
a. Takes on the shape of the container.

b. Spreads out in all directions.

c. Does not change shape easily.

d. Cannot be squashed.

9. Kiara looks at the images and tries to find out the processes shown. Help her to answer the following questions.



a



b

a. State what happens when ice gets warm.

.....

b. Define melting.

.....

c. Melting is the reverse of

d. Write an equation for freezing.

.....

e. Very hot steam is coming out from tea pot in image b. What state of matter is steam?

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f. Describe what happens when this steam touches a cold surface.

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