



Cosmo School

Class-6

Science

Creative questionwork sheet

Chapter-7

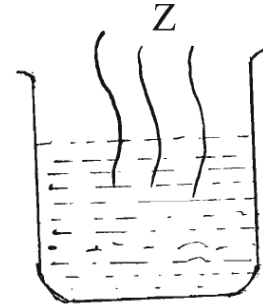
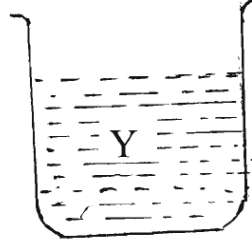
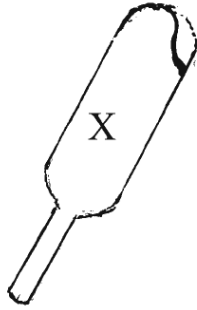
Properties of matter and external effect

Subject teacher- Syeeda Sultana

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Creative questions:

1. The science teacher showed some matters in specimen “A” and said, “These matters have definite size and volume.” Then she showed some matters in specimen “B” and said, “These matters have no definite shape and volume and they are very essential for human respiration.”
 - (a) What type of matter is Oxygen?
 - (b) Explain three states of water.
 - (c) Discuss the characteristics of the matters in specimen A.
 - (d) How is the type of matters in specimen B essential for human respiration? Analyze with your logic.
2. Javed is a student of class VI. He was surprised by knowing properties of water which is made of hydrogen and oxygen. Again he proved that, same matter can be in different states.
 - a) What is called volume?
 - b) Mention the states of matter.
 - c) Explain with logic- hydrogen and oxygen are non-metal.
 - d) Same matter can stay at different states-proof it.
3. Mr. Fazlul Hoq’s mother uses an earthen oven and clay pots to cook meals. On the other hand, his wife uses gas oven and cooks in an aluminium pan.
 - a) What is matter?
 - b) What does ‘non-metal’ mean?
 - c) Explain the significance of the elements of the utensils used by Mr. Fazlul Hoq’s wife and mother?
 - d) Who gets more advantage while cooking meals—Mr. Fazlul Hoq’s mother or wife ? Analyze.



4.

- a) What is boiling point?
- b) What do you mean by thermal conductivity?
- c) How the substance shown in figure-X can be converted into the substance shown in figure-Z?
- d) Analyze that the materials shown on all the three figures are made of same matter.