

Different Kinds of Material

4

LESSON PLAN

SPECIFIC OBJECTIVES

- | The students will learn about
- | ❖ classification
- | ❖ need for classifying objects
- | ❖ properties of materials as basis of classification of objects

TEACHING AIDS

Pictures/charts/models/animation on objects of different shapes and sizes; made of metal, plastic, glass, paper, wood and leather; magnet (all as given in the chapter).

LESSON PLAN

- ❖ Teacher will start the chapter by going through the points given in 'Know these points before you start' section.
- ❖ Teacher will discuss about classification and need for classifying objects.
- ❖ Teacher will discuss the grouping of objects on the basis of materials they are made of.
- ❖ Teacher will explain that objects are made of different materials, and also different objects are made of same material.
- ❖ Teacher will name the properties of materials used as basis of classifying objects (as given in the chapter).
- ❖ Teacher will discuss to categorise objects as lustrous and nonlustrous objects; soluble and insoluble objects; floating and sinking objects, transparent, translucent and opaque objects; hard and soft objects; magnetic and nonmagnetic materials; and insulators and conductors of heat and electricity by performing various activities given in the chapter.
- ❖ Now, teacher will ask students to solve the questions given in Check Points 1 and 2.
- ❖ Teacher will make students revise the new terms given under the head 'Know These Terms'.
- ❖ Finally, teacher will help students to solve the questions given in exercises under the head 'Practice Time' and 'Think Zone'.

BOOST UP

- ❖ Teacher should demonstrate and explain activities given in the chapter.
- ❖ Teacher should discuss the information given under the head 'Something More'.
- ❖ Teacher should discuss the conversation of Annu and Mannu given in between the topics.
- ❖ Teacher should encourage students to explore more objects based on the properties taught in the class.

EXPECTED LEARNING OUTCOMES

The students understand and know the

- ❖ different materials used to make different objects.
- ❖ categorisation of objects based on the properties of the materials they are made of.
- ❖ necessity of categorisation of objects.

EVALUATIVE QUESTIONS

The teacher may ask the following questions for evaluating the learning and understanding of students:

1. Name four materials by which an object can be made?
2. What is meant by classification?
3. Name two objects each of lustrous and nonlustrous materials.
4. Is carbon dioxide soluble in water?
5. Name the objects through which only partial light can pass.
6. What is the need for classifying objects?