

# Chapter 8

## Some Properties of Water

### LESSON PLAN

#### SPECIFIC OBJECTIVES

The students will learn about

- ❖ water as important natural resource
- ❖ properties of water
- ❖ water solutions
- ❖ conditions affecting making a solution
- ❖ float and sink

#### Teaching Aids

**Pictures/charts/models/animation** on the topics given in the chapter.

#### Lesson Plan

- ❖ Teacher will start the chapter with 'Gear Up' section discussing the importance of water in everyday life.
- ❖ Now, teacher will discuss water as an important natural resource.
- ❖ Teacher will discuss physical properties of water by demonstrating Activities 1 and 2.
- ❖ Now, teacher will discuss water as a good solvent and explain the term solution.
- ❖ By demonstrating Activity 3, teacher will explain making of solution in water.
- ❖ Now, to test the understanding of students about the topics, teacher will ask them to solve 'Check Point 1'.
- ❖ By demonstrating Activity 4, teacher will explain soluble and insoluble substances.
- ❖ By demonstrating Activities 5, 6 and 7, teacher will explain conditions that affect making of a solution.
- ❖ Teacher will now differentiate between the objects which float and sink in water by demonstrating Activity 8.
- ❖ Now, teacher will ask students to solve 'Check Point 2'.
- ❖ At last, teacher will sum up the chapter by going through the points given under the head 'Wrap up now' and revising the 'New Words'.

- ❖ Finally, teacher will help students to solve all the exercises given under the head 'Practice Time'.

### Boost Up

- ❖ Teacher should demonstrate all the activities given in the chapter.
- ❖ Teacher should encourage students to explore more examples of soluble substances and insoluble substances.
- ❖ Teacher should encourage students to explore themselves more examples of the objects which float or sink in the water.

### Expected Learning Outcomes

The students understand and know

- ❖ water as an important liquid.
- ❖ physical properties of water.
- ❖ water as a good solvent.
- ❖ formation of a solution.
- ❖ substances soluble and insoluble in water.
- ❖ conditions affecting making of a solution.
- ❖ objects which float or sink in water.

### Evaluative Questions

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

1. Why is water an important liquid?
2. What are the physical properties of water?
3. Why is water a good solvent?
4. Name four examples of substances which are soluble in water.
5. Name four examples of objects which float in water.