

Chapter 9

Water as a Resource

LESSON PLAN

SPECIFIC OBJECTIVES

The students will learn about

- ❖ water as an important natural resource
- ❖ change in the state of water
- ❖ water cycle
- ❖ water impurities, their types and causes
- ❖ purification of water
- ❖ rainwater harvesting
- ❖ conservation of water

Teaching Aids

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

Lesson Plan

- ❖ Teacher will start the chapter with 'Gear Up' section and help students in answering the question asked in the section.
- ❖ Teacher will explain water as an important natural resource.
- ❖ Teacher will discuss change in the state of water by explaining processes of freezing, melting, evaporation and condensation.
- ❖ With the help of suitable teaching aids, teacher will explain water cycle.
- ❖ Teacher will discuss types and causes of water impurities.
- ❖ Now, to test the understanding of students about the topics, teacher will ask them to solve 'Check Point 1'.
- ❖ Now, teacher will discuss methods of purification of water.
- ❖ Teacher will explain rainwater harvesting and discuss the ways to conserve water.
- ❖ 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

- ❖ The teacher should demonstrate the activities given in the chapter.
- ❖ The teacher should encourage students to explore more ways for conservation of water.

Expected Learning Outcomes

The students understand and know

- ❖ importance of water.
- ❖ process of freezing, melting, evaporation and condensation.
- ❖ water cycle.
- ❖ types and causes of water impurities.
- ❖ rainwater harvesting and its benefits.
- ❖ ways for conserving water.

Evaluative Questions

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

1. Where does rainwater go?
2. What do you mean by freezing and melting?
3. What are the boiling and freezing points of water?
4. Define water cycle.
5. What is chlorination?