

Chapter 7

Air

LESSON PLAN

SPECIFIC OBJECTIVES

The students will learn about

- ❖ composition and properties of air
- ❖ process of breathing and burning
- ❖ causes and prevention of air pollution

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 briefly the matter and its three states which students learnt in the previous class. Teacher will also help students in completing the task given in the section.
- ❖ Now, teacher will revise the matter and its composition and properties of matter in its three states which students learnt in the previous class.
- ❖ With the help of suitable teaching aids, teacher will discuss composition, properties and uses of air.
- ❖ Teacher will explain the process of burning of things.
- ❖ To check the understanding of students about the topic, teacher will ask them to solve 'Check Point 1'.
- ❖ Now, teacher will discuss the importance of air for living beings and explain the process of breathing.
- ❖ Teacher will discuss the importance of breathing and explain the process of deep breathing.
- ❖ Now, teacher will ask students to solve 'Check Point 2'.
- ❖ Teacher will discuss air pollution and explain causes, harms and control measures of air pollution.
- ❖ Teacher will ask students to solve 'Check Point 3'.

- ❖ At last, teacher will sum up the chapter by going through all 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 activities given in the chapter to the students for better understanding of topic.
- ❖ Teacher should encourage students to practise deep breathing and make it a habit for healthy living.
- ❖ Teacher should also encourage students to explore more ways to control air pollution.

Expected Learning Outcomes

The students understand and know

- ❖ composition and properties of air.
- ❖ process of burning of things.
- ❖ importance of air for living beings.
- ❖ process of breathing.
- ❖ process of deep breathing for good health.
- ❖ air pollution, its causes and preventive measures.

Evaluative Questions

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

1. How are molecules of solids arranged?
2. What is the percentage of oxygen in air?
3. How do clouds reach different places?
4. What are the harms of air pollution?