

Chapter 1

The Leaf

LESSON PLAN

SPECIFIC OBJECTIVES

The students will learn about

- ❖ parts of a plant
- ❖ structure, types and functions of leaf
- ❖ modifications of leaves

Teaching Aids

Pictures/charts/models/animation on plant and its various parts, modifications, types and functions of leaves as given in chapter; **animation** showing various activities related to leaves as given in chapter.

Teaching Strategy

- ❖ Teacher will start chapter with a general discussion about a plant and its various parts.
- ❖ Then, teacher will explain the structure and parts of leaf using appropriate teaching aids.
- ❖ Teacher will explain types of venation, types of leaf with examples and functions of leaves in detail as mentioned in chapter. Teacher will also help students to perform Activities 1, 2, 3 and 4 to make the topics more clear.
- ❖ Now, teacher will discuss in detail the modifications of leaves as given in chapter.
- ❖ Teacher will help students to perform Activities 5, 6 and 7 while discussing the related topics.
- ❖ Teacher will ask students to solve 'Check Point'.
- ❖ At last, teacher will sum up the lesson by going through the points given under the head 'Wrapping It Up'.
- ❖ Teacher will finally help students to answer the questions given under the head 'Test Yourself'.

Boost Up

- ❖ Teacher can help students to perform the activities given in chapter.
- ❖ Teacher can make students revise new terms given under the head 'Know These Terms'.
- ❖ Teacher can encourage students to learn the facts given under the head 'Something More'.
- ❖ Teacher can show animations related to the topics taught, if possible.

Expected Learning Outcomes

The students understand and know:

- ❖ parts of a plant
- ❖ structure and parts of leaf
- ❖ types of venation and types of a leaf, functions and modifications of leaves

Evaluative Questions

Teacher may ask the following questions to evaluate the students:

1. What are different parts of plants?
2. What is the main function of root and shoot systems in plants?
3. What are the types of leaves?
4. What do you mean by photosynthesis?
5. What are insectivorous plants? Name some of them.