

Chapter 2

The Flower

LESSON PLAN

SPECIFIC OBJECTIVES

The students will learn about

- ❖ flower, its structure and functions
- ❖ pollination, its types and agents of pollination
- ❖ fertilisation and formation of seed and fruit
- ❖ parts and types of fruits and seeds
- ❖ dispersal of fruits and seeds
- ❖ seed germination

Teaching Aids

Pictures/charts/models/animation on structure, types, functions of flowers; types and agents of pollination; fertilisation; formation and parts of fruits and seeds, dispersal of fruits and seeds; seed germination.

Teaching Strategy

- ❖ Teacher will start the chapter showing different flowers to the students and explain the structure of flower, its various parts and their importance. Teacher will also help students to perform Activities 1, 2 and 3 to make the concepts more clear.
- ❖ Teacher will then focus on the types and functions of flowers.
- ❖ To evaluate the learning of students, teacher will ask them to solve 'Check Point 1'.
- ❖ Now, teacher will discuss pollination in flowers, its types and agents that bring about pollination.
- ❖ Teacher will now ask students to perform Activities 4 and 5.
- ❖ Teacher will then explain fertilisation and formation of fruit.
- ❖ Teacher will discuss parts and types of fruits and then help students to perform Activity 6.
- ❖ Now, teacher will ask students to solve 'Check Point 2'.
- ❖ Teacher will discuss the parts and types of seeds and then help students to perform Activity 7.
- ❖ With the help of suitable teaching aids, teacher will discuss dispersal of fruits and seeds by different agents.

- ❖ Teacher will discuss seed germination, its types and its necessary conditions and will help students to perform Activities 8, 9 and 10.
- ❖ Then, teacher will ask students to solve 'Check Point 3'.
- ❖ 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:

- ❖ structure of flower and process of pollination and its types
- ❖ structure, types and formation of fruit and seed
- ❖ agents of pollination, dispersal and agents of fruits and seed dispersal
- ❖ seed germination, its types and conditions required for seed germination

Evaluative Questions

Teacher may ask the following questions to evaluate the students:

1. What is a flower?
2. What is pollination?
3. What is fertilisation?
4. How are fruits and seeds formed?
5. What is seed germination?