# 7 Conservation of Plants and Animals

## LESSON PLAN

### SPECIFIC OBJECTIVES

The students will learn about
- biodiversity, threats to biodiversity and its conservation
- flora and fauna
- importance of forests
- deforestation, its causes and consequences
- forest conservation and management
- wildlife and its conservation
- the Red Data Book
- strategies for wildlife conservation
- legal provisions for the conservation of biodiversity
- migration

### TEACHING AIDS

**Pictures/charts/models/animations** on deforestation, desertification, some extinct species of animals, endangered animals, vulnerable animals, rare species of animals, national parks, wildlife sanctuaries, biosphere reserves, etc.

### LESSON PLAN

- The teacher will start the lesson with 'Science Vocabulary' section by telling the meaning/definition of new terms which are used in the chapter.
- The teacher should define biodiversity and discuss the threats to biodiversity and need of conservation of biodiversity.
- The teacher should define flora and fauna and discuss the importance of forests.
- The teacher should discuss deforestation, its causes and consequences.
- The teacher should define conservation and management of forests.
- The teacher should discuss wildlife, its conservation and causes of wildlife depletion.
- The teacher should discuss about Red Data Book and its importance.
- Now, the teacher should explain the strategies for wildlife conservation.
- The teacher should explain legal provisions for the conservation of biodiversity.

- ✧ The teacher should also explain migration.
- ✧ Now, teacher will ask the students to solve Check Points 1 and 2.
- ✧ The teacher will help the students to solve the questions given in exercises under the head 'Let's Drill Our Skills' and to complete the flowchart given under the head 'Let's Memorise'.

## BOOST UP

- ✧ Students should be asked to collect pictures related to deforestation, its causes and consequences.
- ✧ The teacher should encourage the students to collect information on forest conservation and management.

## EXPECTED LEARNING OUTCOMES

The students know about
- ✧ biodiversity and threats to biodiversity.
- ✧ conservation of biodiversity.
- ✧ flora and fauna.
- ✧ deforestation, its causes and consequences.
- ✧ forest conservation and management.
- ✧ wildlife and its conservation.
- ✧ the Red Data Book and its importance.
- ✧ strategies for wildlife conservation and legal provisions for the conservation of biodiversity.

## EVALUATIVE QUESTIONS

The teacher may ask the following questions for evaluating the understanding of students:

1. Define biodiversity.
2. Mention the causes of loss of biodiversity.
3. What is the difference between flora and fauna?
4. What is meant by deforestation?
5. Write two extinct species of animals.
6. What does the Red Data Book contain?
7. When was Project Tiger launched? How many tiger reserves have been established under this project?