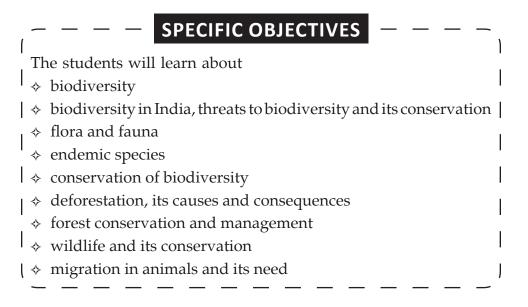
LESSON PLAN



TEACHING AIDS

Pictures/charts/models/animations on deforestation, desertification, some extinct species of animals, endangered animals, vulnerable animals, rare species of animals, national park, wildlife sanctuary, biosphere reserve, etc.

LESSON PLAN

- ♦ Teacher will start the chapter by going through the points given in 'Know these points before you start' section.
- Teacher will define the term biodiversity and discuss global biodiversity and biodiversity of India.
- ♦ Teacher sill discuss need of conservation of biodiversity.
- ♦ Teacher will discuss the threats to biodiversity and will explain deforestation, its causes and consequences.
- ♦ Teacher will define the terms flora and fauna, endemic and exotic species and discuss the importance of forests.

- ♦ Teacher will discuss conservation of biodiversity and explain conservation of forests and wildlife.
- ♦ Teacher will define forest conservation and management.
- ♦ Teacher will discuss the need and benefits of recycling of paper.
- ♦ Now, teacher will ask students to solve Check Point 1.
- ✤ Teacher will discuss wildlife, its conservation and causes of wildlife depletion.
- ♦ Teacher will discuss Red Data Book and its importance.
- ♦ Now, teacher will explain the strategies for wildlife conservation.
- ♦ Teacher will also discuss legal provisions for the conservation of biodiversity.
- ♦ Teacher will discuss migration in animals and its need.
- ♦ Now, teacher will ask students to solve Check Point 2.
- ♦ Teacher will make students revise the new terms given under the head 'Know These Terms'.
- Finally, teacher will help students to solve the questions given in exercises under the head 'Practice Time' and 'Think Zone'.

BOOST UP

- ♦ Teacher should demonstrate and explain activities given in the chapter.
- ♦ Teacher should discuss the information given under the head 'Something More'.
- ♦ Teacher should discuss the conversation of Annu and Mannu given in between the topics.
- Students should be asked to collect some pictures related to deforestation, its causes and consequences.
- ♦ Teacher should encourage students to collect information related to forest conservation and management.

EXPECTED LEARNING OUTCOMES

The students know about

- ♦ global and megabiodiversity and hotspots.
- ♦ threats to biodiversity.
- ♦ conservation of biodiversity and its need.
- ♦ flora and fauna, endemic species and exotic species.
- ♦ utility of forests.
- ♦ deforestation, its causes and consequences.
- ♦ afforestation.
- ♦ recycling of paper.
- ♦ threatened, endangered, vulnerable and rare species.
- the Red Data Book and its importance.
- ♦ protected areas, captive breeding and wildlife projects in India.
- ♦ legal provisions for the conservation of biodiversity.
- ♦ migration in animals.
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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. Write the differences between flora and fauna.
- 4. What is meant by deforestation?
- 5. What are endemic and exotic species?
- 6. What does the Red Data Book contain?
- 7. When was Project Tiger launched? How many tiger reserves have been established under this project?