

Chapter 3

Birds

LESSON PLAN

SPECIFIC OBJECTIVES

The students will learn about

- ❖ how birds fly
- ❖ feathers of birds
- ❖ food habits of birds
- ❖ beaks of birds
- ❖ feet and claws of birds
- ❖ nesting habits of birds
- ❖ caring for the young ones

Teaching Aids

Pictures/charts/models/animation on the topics given in the chapter.

Lesson Plan

- ❖ Teacher will start the chapter with 'Gear Up' section giving a brief idea about what birds eat.
- ❖ Now, teacher will ask some simple questions on birds and explain their general features.
- ❖ Showing pictures/charts, teacher will explain the special features of birds that help them fly (as given in the chapter).
- ❖ Now showing the pictures/animation on the upstroke and downstroke movements of the wings, teacher will explain the process of flying in birds.
- ❖ Teacher will explain the importance and functions of feathers in birds.
- ❖ Now, teacher will explain main features and differences between flying birds and flightless birds. Teacher will also explain how flying is useful to birds.
- ❖ Teacher will show pictures/animation on some water birds and explain their features.
- ❖ Now, teacher will ask students to solve 'Check Point 1'.
- ❖ Teacher will explain the food habits of birds and define insectivorous, herbivorous, carnivorous and omnivorous birds.

- ❖ Teacher will explain types of beaks found in birds according to the food they eat.
- ❖ Teacher will explain types of feet and claws found in birds, according to their living places.
- ❖ Showing pictures/animation, teacher will also explain that feet and claws of some birds help them in catching their prey (talons) and searching food.
- ❖ Teacher will ask students to solve 'Check Point 2'.
- ❖ Teacher will discuss about nesting habit in birds and show pictures/animation on different types of nests made by different birds.
- ❖ Teacher will explain the parenting care in birds.
- ❖ Now, teacher will ask students to solve 'Check Point 3'.
- ❖ At last, teacher will sum up the chapter by going through 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 show animations on 'birds of prey'.
- ❖ Teacher should take students to the places where birds make their nests.
- ❖ Teacher should inculcate moral values in students that they should not hurt birds, touch their eggs and young ones and never destroy their nests.
- ❖ Teacher should help students develop kindness towards birds by encouraging them to arrange food and water for birds.
- ❖ Students should be encouraged to plant more and more trees so that one day they can become dwelling places of birds.
- ❖ Teacher should encourage students to collect pictures of different birds, their nests and young ones and paste them in their scrapbook.
- ❖ Students can collect feathers of different birds.
- ❖ Students should be encouraged to watch documentaries on birds, shown on Discovery and National Geographic Channels.

Expected Learning Outcomes

The students understand and know

- ❖ general features of birds.
- ❖ different types of feathers of birds.
- ❖ flying birds and flightless birds.
- ❖ different types of beaks, feet and claws found in birds.
- ❖ how birds fly, their feeding and nesting habits.
- ❖ parenting care in birds.

Evaluative Questions

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

1. What is the body of birds covered with?
2. What is the shape of a bird's body?
3. What is the main feature of bones of flying birds?
4. Which muscles attach wings to the bird's body?
5. Which feathers help birds to fly?
6. Why do feathers of water birds not rot in water?
7. What do birds eat?