Chapter 3

Kingdom Animalia

LESSON PLAN

SPECIFIC OBJECTIVES

The students will learn about

❖ features of kingdom animalia

❖ classification of kingdom animalia into vertebrates and invertebrates

❖ classification of invertebrates into different phyla

❖ main characteristics of each phylum

❖ classification of vertebrates into different classes

❖ main features of each class of vertebrates

Teaching Aids

Pictures/charts/models/animation on classification of kingdom Animalia; invertebrates and vertebrates

Teaching Strategy

❖ Teacher will start chapter with general discussion on animals seen by students around them.

❖ Teacher will discuss main features and classification of kingdom Animalia.

❖ Teacher will tell students about invertebrates and vertebrates and will also mention a few differences between them.

❖ Now, teacher will discuss the classification of invertebrates as given in the chapter and will explain briefly about the main characteristics of each phylum giving a few examples.

❖ Teacher will help students to perform Activity 1.

❖ Then, teacher will ask students to solve 'Check Point 1'.

❖ Now, teacher will discuss the classification of vertebrates into five classes using appropriate teaching aids.

- ❖ Teacher will explain the main characteristics of each class of vertebrates giving suitable examples as mentioned in the chapter.
- ❖ Teacher will also help students to perform Activities 2 and 3 while teaching the related topics for better understanding of topics.
- ❖ Now, teacher will ask students to solve 'Check Point 2'.
- ❖ 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:

- ❖ Kingdom Animalia
- ❖ about vertebrates and invertebrates
- ❖ different phyla of invertebrates, their members and main characteristics
- ❖ five classes of vertebrates
- ❖ characteristics and examples of different classes of vertebrates

Evaluative Questions

Teacher may ask the following questions to evaluate the students:

1. What are invertebrates?
2. What are vertebrates?
3. What are pore-bearing animals called?
4. Give examples of some molluscs.
5. What are aerial animals?
6. What are mammals?