

LESSON PLAN**SPECIFIC OBJECTIVES**

The students will learn about

- ✧ movement
- ✧ locomotion in animals
- ✧ need and types of locomotion
- ✧ human skeletal system
- ✧ joints and their types
- ✧ movement of arm

TEACHING AIDS

Pictures/charts/models/animation on movement; locomotion in earthworm, snail, cockroach, fish, snake, birds; human skeleton; joints in human body, types of joints; movement of arm (all as given in chapter).

LESSON PLAN

- ✧ 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 explain the concept of movement and locomotion, and discuss about locomotion in animals (as given in chapter).
- ✧ The teacher will explain the locomotion in earthworm, snail, cockroach, fish, snake and bird.
- ✧ The teacher should explain the human skeletal system and its parts.
- ✧ The teacher should discuss joints and their types along with movement of bones.
- ✧ The teacher should discuss the movement of arm with the help of biceps and triceps muscles.
- ✧ The teacher should ask students to solve Check Points 1, 2 and 3.
- ✧ 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 identify the organs of locomotion in different animals.
- ✧ Students should be asked to observe the movement and locomotion of some more animals other than those given in the book.
- ✧ The teacher should discuss the facts given in 'Beyond the Horizon'.

EXPECTED LEARNING OUTCOMES

The students understand and know the

- ✧ movement and locomotion in various kinds of animals.
- ✧ need and types of locomotion.
- ✧ skeletal system and its functions, human skeletal system and its parts.
- ✧ joints and their types.
- ✧ movement of arm.

EVALUATIVE QUESTIONS

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

1. How does an earthworm move?
2. Define operculum.
3. Give main function of the skeletal system.
4. How is rib cage formed?
5. Which organ system do brain, spinal cord and nerves belong to?