



## LESSON PLAN

### SPECIFIC OBJECTIVES

The students will learn about

- ▶ human body as a wonderful machine
- ▶ cell, tissues, organs and organ systems
- ▶ sense organs
- ▶ different organ systems of the human body

### TEACHING AIDS

A chart showing organ system, blackboard, chalk, duster and digital content.

### TEACHING STRATEGY

- ▶ Start the chapter with Warm Up, discussing briefly the similarities between a machine and a human body.
- ▶ Compare the structure of human body with that of a brick wall and explain that as a wall is made of many bricks, our body is made of many small cells.
- ▶ Show the picture of a cell and explain that body cells are very tiny and cannot be seen with the naked eye.
- ▶ With the help of pictures, explain that body cells together make a tissue and many tissues make an organ and different organs together form an organ system.
- ▶ Now, with the help of teaching aids, explain that some organs of our body make us aware about our environment. They are called sense organs.
- ▶ Now, display the picture/animation/model of any machine or can give the example of classroom fan and explain that as its different parts work together to run it, different organ systems in our body work together. Hence, our body works like a machine.
- ▶ Now, explain that we perform different functions. Each function is carried out by a special organ system. So our body has different organ systems.
- ▶ Show the pictures/chart/model of each of the organ systems with its name.
- ▶ Explain the structure and function of each of the organ systems (using teaching aids).
- ▶ Sum up the chapter by going through the points given under the head 'Remember'.
- ▶ Finally, the teacher will help students do all the exercises.

## **BOOST UP**

- ▶ Display animation on the working of all the organ systems.
- ▶ Students can be encouraged to keep all their body organs healthy by following a healthy lifestyle.

## **EXPECTED LEARNING OUTCOMES**

The students understand and know

- ▶ that human body is formed of tiny cells which make tissues, organs and organ systems.
- ▶ different organs of the body.
- ▶ different organ systems of the body.
- ▶ the functions of each of the organ systems.

## **EVALUATIVE QUESTIONS**

The teachers may ask the following questions to evaluate their students:

1. What are the tiny structures which our body is made of?
2. What is a tissue?
3. How many bones are there in our body?
4. How many muscles are there in our body?
5. What is the function of teeth?
6. What are the main organs of respiratory system?
7. What are the main organs of nervous system?
8. Which organ pumps blood in the body?
9. Name the sense organs of the body.
10. Which system in the body produces babies?