

SPECIFIC OBJECTIVES

The students learn about

- ❖ human body as a building or a house
- ❖ cell, tissues, organs and organ systems
- ❖ different organ systems of human body

TEACHING AIDS

Picture/chart/model/animation on a cell, skeletal system, muscular system, digestive system, respiratory system, circulatory system, excretory system and nervous system.

LESSON PLAN

- ❖ Teacher will start the chapter by asking some general questions about human body.
- ❖ Now, teacher will 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.
- ❖ Teacher will 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, teacher will explain that body cells together make a tissue and many tissues make an organ and different organs together form an organ system.
- ❖ Teacher will discuss about sense organs of the body.
- ❖ Now, teacher will explain that we perform different functions. Each function is carried out by a special organ system. So our body has different organ systems.
- ❖ Teacher will show the pictures/chart/model of each of the organ systems with its name.
- ❖ Now, teacher will explain the structure and function of each of the organ systems (using teaching aids).
- ❖ After discussing Digestive system, teacher will ask students to solve 'Checkpoint 1'.
- ❖ After discussing Reproductive system, teacher will ask students to solve 'Checkpoint 2'.
- ❖ At last, teacher will make students revise the new terms given in 'Science Vocabulary' and sum up the lesson by going through the points given in 'Wrapping it up'.
- ❖ Now, teacher will help students to solve the questions given in 'Exercises'.

BOOST UP

- ❖ Teacher should encourage students to carry out activities given in the chapter.
- ❖ Teacher should discuss the conversation of Annu and Mannu given in bubbles in between the topics.
- ❖ Teacher should discuss the information given in the 'Knowledge Desk' at various places in the chapter.
- ❖ Teacher should help students to find the answers of questions given in 'Think Zone' and encourage to do activities or projects given in 'Beyond the Text'.
- ❖ Teacher should also discuss the facts given in 'Interesting Information'.
- ❖ Teacher should 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 about human body that it is formed of tiny cells which make tissues, organs and organ systems.
- ❖ know about different organs of the body
- ❖ know about different organ systems of the body
- ❖ know about the functions of each of the organ systems.

EVALUATIVE QUESTIONS

The teacher may ask the following questions for evaluating his/her 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?