

**SPECIFIC OBJECTIVES**

- The students learn about
- ❖ importance of teeth and their types
  - ❖ parts and structure of a tooth
  - ❖ taking care of teeth
  - ❖ role of teeth in digestion
  - ❖ path of food for digestion from mouth to anus

**TEACHING AIDS**

Pictures/animations/models of milk teeth, permanent teeth arranged in jaws; Types of teeth; Structure of a tooth; Ways of caring teeth (as given in chapter); Human digestive system showing path of food from mouth to anus.

**LESSON PLAN**

- ❖ Teacher will start the chapter by asking some general questions about teeth.
- ❖ Teacher will discuss the differences between teeth of an adult person and that of a baby.
- ❖ Now, teacher will explain the importance of teeth, and with the help of teaching aids, will differentiate between milk teeth and permanent teeth (as described in chapter) and will ask the students to count their own teeth.
- ❖ With the help of teaching aids, teacher will discuss four types of teeth found in man (as described in the chapter), their shapes and functions.
- ❖ To check the understanding of students about the topics, teacher will ask them to solve 'Checkpoint 1'.
- ❖ Now, with the help of teaching aids, teacher will define various parts and the structure of a tooth (as given in the chapter).
- ❖ Now, teacher will tell about the functions of teeth and the ways of keeping teeth clean and healthy (as described in chapter).
- ❖ Now, teacher will ask students to solve 'Checkpoint 2'.
- ❖ The teacher will tell about the role of teeth in digestion that teeth help in chewing the food so that saliva can mix with it and change starch of food into sugar.
- ❖ Now, with the help of teaching aids, teacher will explain the path of food from mouth (food chewed) → food pipe → stomach (food churned) → small intestine (where digestive juices

from liver and pancreas are mixed in food) → large intestine (water is absorbed) → anus (solid waste is excreted).

- ❖ Now, teacher will ask students to solve 'Checkpoint 3'.
- ❖ 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

- ❖ Students should be encouraged 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 help students to find the answers of questions given in 'Think Zone'.
- ❖ Teacher should also discuss the facts given in 'Interesting Information' section.
- ❖ Teacher should display the steps of brushing teeth on the denture made of clay that can be obtained from a dentist.
- ❖ Teacher should display each type of teeth arranged and fixed on the denture.
- ❖ Teacher should discuss the information given in the 'Knowledge Desk' at various places in the chapter.
- ❖ Students should be encouraged to eat raw food instead of sweets and junk food for keeping their teeth healthy.

### EXPECTED LEARNING OUTCOMES

The students know about

- ❖ importance of teeth in their looks and digestion of food.
- ❖ two sets of teeth in the life time.
- ❖ different types of teeth, their shape, structure and functions.
- ❖ ways to keep the teeth clean and healthy.
- ❖ path of food in the digestive system from mouth to anus.

### EVALUATIVE QUESTIONS

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

1. What is the role of teeth in our looks?
2. When does milk teeth grow in a baby?
3. What is the number of teeth in an adult person?
4. Which types of teeth are used for tearing the food?
5. Which is the hardest substance in our body?
6. Which part of a tooth has blood vessels and nerves?
7. What is the crown of a tooth?
8. What is the role of saliva in the digestion of food?