

## Teeth and Digestion

### SPECIFIC OBJECTIVES

The students learn about

- importance of teeth, their types and 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/models** of milk teeth, permanent teeth arranged in jaws; Types of teeth; Structure of a tooth; Ways of caring teeth (as given in chapter); **Picture/animation** of human digestive system showing path of food from mouth to anus

### LESSON PLAN

- Teacher will start the chapter with 'Warm Up' section by giving a brief difference between teeth of an adult person and a baby. Teacher will help the students to fill in the blank.
- 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 define shapes and functions of four types of teeth found in man (as described in the chapter).
- Now, with the help of teaching aids, teacher will define parts and structure of a tooth (as given in chapter).
- To check the understanding of students about the topics, teacher will ask them to solve 'Checkpoint 1'.
- Now, teacher will tell about the ways of keeping teeth clean and healthy (as described in chapter).
- 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 2'.
- At last, teacher will make students revise the new terms given under the head 'Remember These Terms' and sum up the lesson by going through the points given under the head 'At One Go'.
- Now, teacher will help students to solve the questions given under the head 'Check Your Study'.

## BOOST UP

- Students should be encouraged to count their own teeth.
- 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.
- 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?