



## TEETH AND DIGESTION

### STARTING POINT:

#### WARM UP ACTIVITY



- Each student to be asked to count the number of teeth of his/her friend and to note the number of teeth fallen.
- When you see your favourite food, how does your body react?

### STUDENTS WILL LEARN:

- The types of teeth
- Structure of a tooth
- Steps to take care of teeth
- The process of digestion
- Types of microbes



### QUICK QUESTIONS

- Do new born babies have teeth?
- Have you experienced teeth fall?
- How many times should we brush our teeth?
- Have you experienced tooth ache?
- The process of digestion begins from \_\_\_\_\_.



### WORDS I LEARNT

incisors

plaque

pancreas

bacteria

canine

dentine

liver

virus

enamel

pulp

intestine

fungi

molars

floss

dengue

protozoa

cavity

saliva

microbes

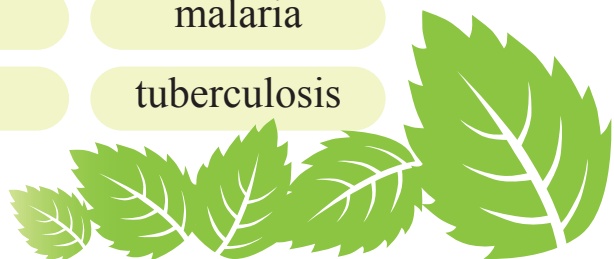
malaria

dysentery

pneumonia

typhoid

tuberculosis



## CREATIVITY CORNER:

### Make a Denture

1. Collect an empty chalk box and a small cotton roll.
2. Take out some cotton and place it in the chalk box to fill up to 3/4th of the box.
3. Collect some hard chalk pencils and cut them into 32 pieces .
4. Now give a shape to each piece in the form of incisors, canines, premolars and molar using a nail file.
5. Collect two packets of red coloured plasticine. Mould them in the form of our gums for both upper and lower jaws.
6. Fix the four incisors in the centre and then arrange and fix all the other teeth according to their order.
7. A set of human denture is ready.



## MY CORNER

Circle the foods that keep teeth healthy.



List down the foods that would destroy your teeth.

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## **Topic sheet**

### **I. Fill in the blanks.**

1. The first set of teeth are called \_\_\_\_\_ or \_\_\_\_\_ teeth.
2. The \_\_\_\_\_ supports the enamel on the teeth.
3. A sticky, yellowish layer of bacteria and food particles is called \_\_\_\_\_.
4. \_\_\_\_\_ should be used occasionally in order to clean between two teeth.
5. The acid eats away the tooth enamel, causing holes called \_\_\_\_\_.

### **II. Write true or false.**

1. A tooth is made up of two parts – the crown and the neck.
2. There are 32 permanent teeth.
3. Incisors are used for cutting or biting the food.
4. The second pair of molars are known as wisdom teeth.
5. A newborn baby does not have any teeth.

### **III. Answer the following.**

1. What are the four types of teeth in the mouth of an adult human being?

2. What does the pulp contain?

3. What are the two main parts of the tooth?

4. What is the function of canines and molars?

5. Why should we not eat too many sweets and chocolates?



#### IV. Diagram

Draw the mind map of the 4 types of teeth with their function.



#### Olympiad Worksheet

1. Which of the following statements about saliva are correct?  
a) saliva is mainly water      b) saliva makes it easier for us swallow our food  
c) saliva softens our food
  
2. The function of molar teeth can be best illustrated by the function of \_\_\_\_\_  
a) scissors      b) nut cracker      c) grinder      d) fork
  
3. The digestive juice secreted by liver is -----  
a) bile juice      b) p ancreatic juice      c) hydrochloric acid      d) formic acid
  
4. Which mineral is very important for strong teeth?  
a) iodine      b) calcium      c) iron      d) sodium
  
5. What is a yellow sticky layer of germs that forms on the teeth called?  
a) plaque      b) tooth ache
  
6. Which of the following part of the teeth forms the central part of the teeth?  
a) enamel      b) pulp      c) dentine      d) root
  
7. Premolars are broad teeth present next to the -----  
a) incisors      b) canines      c) molars      d) all of the above
  
8. Canines are bigger and very sharp in ----- eating animal  
a) flesh      b) plant      c) flesh and plant



9. Incisors are used for ----- and biting our food.

- a) chewing                      b) tearing                      c) cutting                      d) grinding

10. Our upper and lower jaw have ----- set of teeth

- a) identical                      b) different

11. Teeth helps in ----- the food

- a) chewing                      b) digesting                      c) absorbing                      d) excreting

12. What is the long tube through which the food passes from the mouth reaches the stomach called?

- a) oesophagus                      b) small Intestine                      c) liver                      d) pancreas

13. Small pox is caused by

- a) virus                      b) protozoa                      c) bacteria                      d) fungi

14. Which of the following help baking bread and in the making of wine?

- a) virus                      b) protozoa                      c) bacteria                      d) fungi

15. Which of the following is not a microbe?

- a) plaque                      b) protozoa                      c) bacteria                      d) fungi

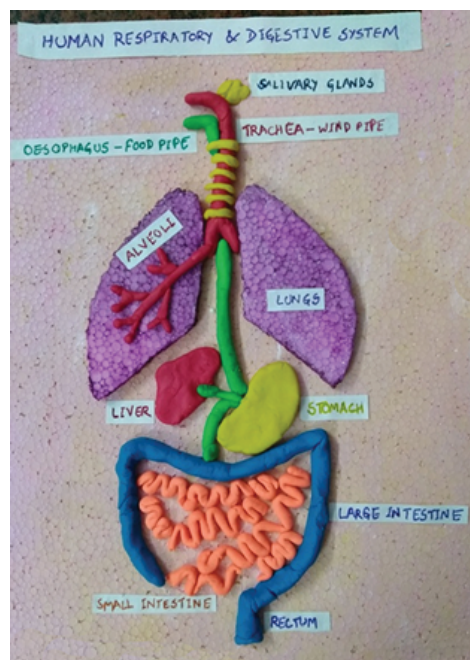


## ACTIVITY PLAN

### 🌟 A visit to a dental clinic

Visit a dental clinic close to your home. Ask names of all the tools that a dentist uses for checking our teeth. Ask the dentist what should you do and what not, to keep your teeth healthy. Then, find the pictures of the tools and paste them with their names in your scrapbook.

### 🌟 Making a model of digestive system using clay ,thermocool and other commonly used materials.



### 🌟 Observation of fungal growth in spoiled bread.





## ONLINE RESOURCES

### Websites

[www.kidshealth.org/...how the body works](http://www.kidshealth.org/...how the body works)

[www.healthyteeth.org/toothgrowth](http://www.healthyteeth.org/toothgrowth)

[www.everyday health.com](http://www.everyday health.com)

### Links:

<https://www.youtube.com/watch?v=XdkOOJTei6c>- structure of teeth

[https://www.youtube.com/watch?v=rnIny\\_riefs](https://www.youtube.com/watch?v=rnIny_riefs)- song about teeth

<https://www.youtube.com/watch?v=La0ZM6iSpG4>- Why do our teeth turn yellow?

<https://www.youtube.com/watch?v=hFBqTVfnm6w>- Why do people grind their teeth?

<https://www.youtube.com/watch?v=n6mV6r67p4E>- What causes cavities?

<https://www.youtube.com/watch?v=bFczvJp0bpU>- Digestive System of Human Body

<https://www.youtube.com/watch?v=qi1MgmaQM0Q>- what is microbe?

## LIBRARY RESOURCES

There are a few great books to help your students understand teeth and digestion

- 🌟 New science (Let's-Read-and-Find-Out Science 1) by Kathleen Weidner Zoehfeld uses simple language in a question and answer format and many examples to help young students understand this sometimes tricky concept.
- 🌟 Are You Living?: A Song About Living and Nonliving Things by Laura Purdie Salas introduces living things using a song. Kindergarteners will learn that living things move and eat in this catchy science song to the tune of "Are You Sleeping?"
- 🌟 Living and Nonliving (Nature Basics) by Carol K. Lindeen explains living and nonliving things to young children using simple text and bright photographs.

## POSTER MAKING

Students will be asked to prepare a poster creating awareness on oral hygiene.

