



BAL BHARATI PUBLIC SCHOOL, PITAMPURA, DELHI – 110034

CLASS IV SUBJECT- SCIENCE (2020 - 2021)

TOPIC- TEETH AND MICROBES

NAME - _____ CLASS IV/ SEC _____ DATE – 14/12/2020-18/12/2020

LEARNING OBJECTIVES:

Each child will be able to:

- list down at least two causes of tooth decay.
- cite two effects of tooth decay.
- name the different kinds of microbes.
- write the name of diseases caused by microbes



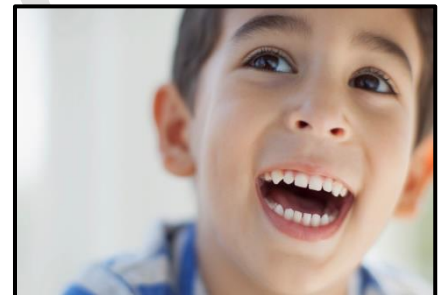
Choose the type of teeth you want from the given pictures.



A



B



C

We all want white bright shining teeth but still see that many people either have yellow teeth, bad breath or some black spots on their teeth.

Observe your teeth in the mirror and check if you have any of these problems.

But, do you know why these problems occur?

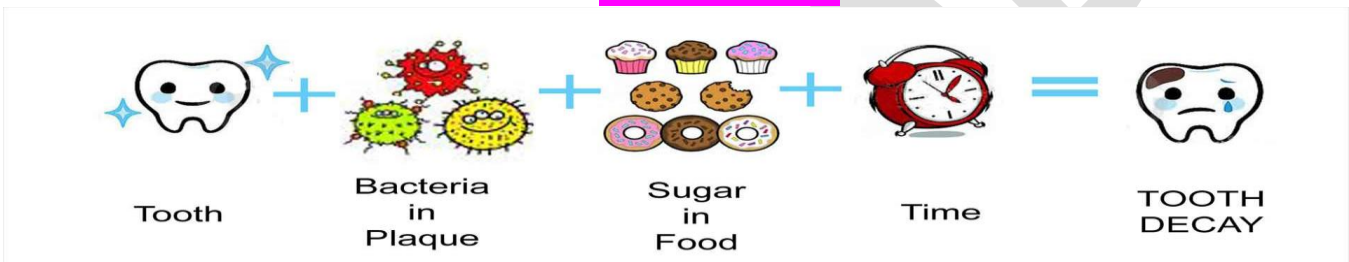
TOOTH DECAY

The food that we eat can stick in between our teeth. This can cause growth of bacteria in our mouth. Sugar present in our food increases this growth. Then bacteria first attack our enamel then dentine and finally the pulp which results in various dental problems.

Common Dental Problems



SUGAR ATTACK



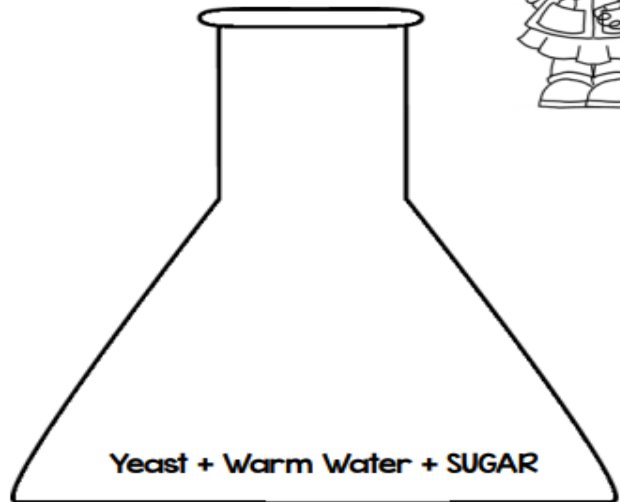
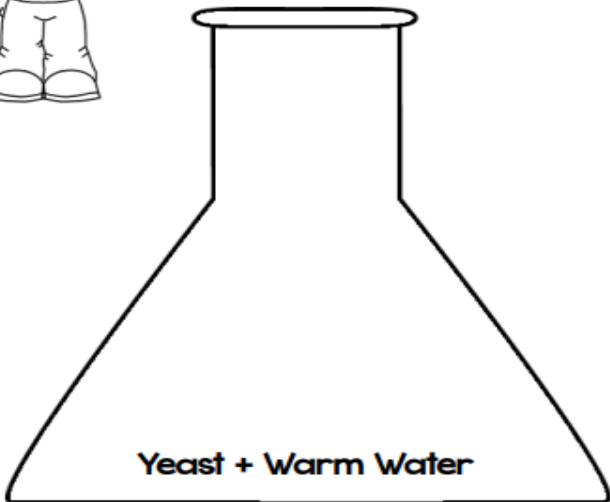
AAC ACTIVITY- PERFORM AND EXPLORE

When bacteria attack our teeth it first forms a sticky coating on our teeth called plaque.



Name: _____

PLAQUE ATTACK!



What will YOU do to help keep plaque off your teeth?

* Take the same amount of warm water (not hot) in two similar containers and compare the level of content in both the containers after adding one spoon of sugar in one of these containers.

WHAT SHOULD WE EAT FOR HEALTHY GUMS AND TEETH?
CALCIUM AND VITAMIN C RICH DIET IS GOOD FOR HEALTHY GUMS AND TEETH.

List down some food items which are good for healthy teeth and gums.

AIL ACTIVITY- POSTER MAKING

Watch a video using the given link to get a few tips for keeping teeth healthy and make a poster for creating awareness on the topic 'Dental Hygiene'. You can also write a catchy slogan.

Link: <https://www.youtube.com/watch?v=d0lLp49nzoM>

MICROBES

TINY LIVING ORGANISMS WHICH CAN BE SEEN ONLY UNDER A MICROSCOPE.



Conditions that help microbes to grow:

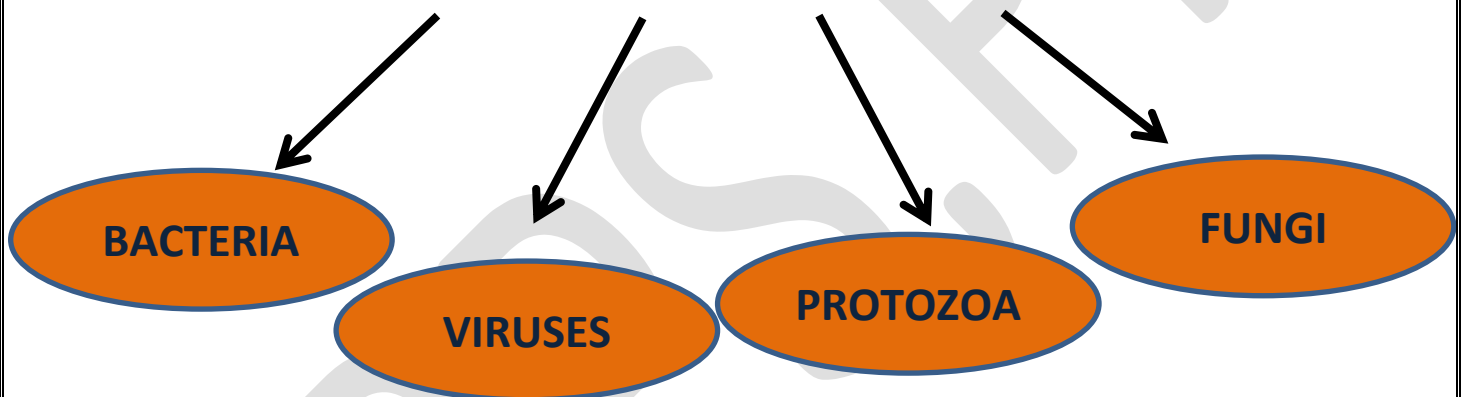
- Warmth
- Moisture
- Food
- Air

Where do microbes grow?

They can grow everywhere. In water, soil, inside or outside our body or of animals.



Types of Microbes



!!READING TIME!!

Read the topic 'Kinds of Microbes' from the textbook (pg no. 19-20) and write the name of any two diseases caused by them in the science notebook.

NIE ACTIVITY

Collect information from the NEWSPAPER on –

- * the spread of diseases by microbes(like-COVID 19)
- * ways to prevent the spread and protect ourselves against it.

LET'S CREATE

Look for information on the given topic and present the same in form of a PowerPoint presentation or word document.

1. Roll no. (1-25)- Kinds of microbes.
2. Roll no. (26 onwards)- Uses of microbes.