PUBLIC SCHOOL DARBHANGA

SESSION (2020-21)

CLASS-IV

SCIENCE

TEETH AND MICROBES

WORKSHEET-2

1. What are the important uses of each of the following:

(a)   Incisors

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……………………………………………………………………………………………

(b)   Canines

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……………………………………………………………………………………………

(c)   Premolars

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(d)   Molars

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2. Answer the following questions:

a)   Why are teeth important to us?

b)   What are milk teeth? How many teeth are there in a temporary set of teeth?

c)   What kind of food should you eat to keep your teeth and gums healthy?

d)   What are the different types of teeth? Describe their functions.

e)   How do cavities form in teeth?

f)   What are microbes? Name any two microbes and diseases caused by them.

Answers:

1.What are the important uses of each of the following:

   (a)   Incisors: help in biting or cutting the food

   (b)   Canines: help in tearing the food

   (c)   Premolars: help in crushing the food.

   (d)   Molars: used for grinding the food

2.Answer the following questions:

a) **Why are teeth important to us?**
Teeth perform a very important function. We bite and chew food with the help of teeth and this makes digestion easy. Without teeth you will not be able to eat tough and hard food items like nuts. Teeth also give proper shape to your face and help us to speak clearly

b) **What are milk teeth? How many teeth are there in a temporary set of teeth?**
A baby has twenty teeth when he or she is two and a half years old. This is the first set of teeth. They are temporary teeth and are also known as milk teeth or baby teeth. There are 20 teeth in a temporary set of teeth.

c) **What kind of food should you eat to keep your teeth and gums healthy?**

Teeth can be made strong and healthy by :
- Eating food items like apples and carrots. They contain lots of fiber and provide exercise for the teeth.
- Eating fish , butter , eggs and drinking milk. They are rich sources of vitamin D. They make teeth strong and healthy.

d) **What are the different types of teeth? Describe their functions.**
There are four types of teeth, namely incisors, canines, premolars and molars. They differ in size, shape and number.

1. Incisors or cutting teeth (total 8). These flat, thin teeth help in biting or cutting the food.

2.Canines or tearing teeth help in tearing the food.

3. Premolars or cracking teeth help in crushing the food. They are like nutcrackers.

4. Molars and grinding teeth are used for grinding the food.

e) **How do cavities form in teeth?**
    A cavity is like a hole formed in the tooth due to decay. When we eat something, tiny bits of food material get stuck in our teeth. This cause the growth of bacteria in the mouth. The bacteria produce an acid that sticks to the teeth and forms plaque over it. This slowly makes the hole in the tooth and bacteria get the passage to attack the dentine and pulp. When the cavity goes deep and reaches the nerves inside the pulp, it hurts and causes toothache.

f) **What are microbes? Name any two microbes and diseases caused by them.**

    Microbes are present everywhere, including inside and outside bodies of the animals. They grow when they get favourable conditions, like moisture, warmth , food , and air(oxygen).

    There are mainly four types of microbes namely bacteria , viruses , fungi and protozoa.

    1) **Bacteria :** Some bacteria causes diseases such as typhoid , pneumonia and tuberculosis.

    2) **Viruses**: These are found everywhere and are always harmful. They cause diseases like common cold, chickenpox, smallpox ,etc.