

WELCOME TO THE ONLINE CLASS

SESSION NO.: 4

CLASS: 5

SUBJECT: SCIENCE

CHAPTER NUMBER: 10

CHAPTER NAME: OUR NERVOUS SYSTEM

**SUB TOPIC: SENSE ORGANS- THE EARS, THE NOSE, THE
TONGUE, THE SKIN**

CHANGING YOUR TOMORROW

LEARNING OBJECTIVE

To enable the learner to:

- **identify the various sense organs found in the human body.**
- **learn the various parts and function the sense organs.**
- **understand how to take care of these senses.**
- **understand what will happen if we lose our senses.**

LET'S RECAP

- _____ is an opening through which light enters the lens.
- The sensory nerve that connects the eye to the brain is called the _____ nerve.
- The transparent, bulging portion of the eye found in the front is called the _____.
- The organs which connect us to the outside world are known as _____ organs.

SENSE ORGANS

- The organs which connect us to the outside world are known as sense organs.



THE EARS

- **Our ears help us to hear sounds.**
- **They also enable us to keep our balance.**
- **The outer ear helps us to receive and direct sound waves to the inner ear.**



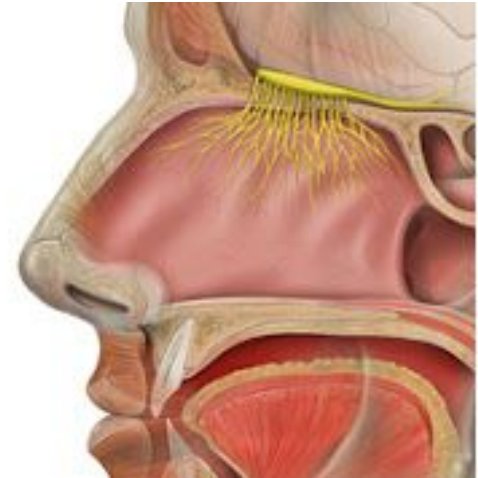
CARE OF THE EARS

- **Never clean your ears with a pointed object like a matchstick or a hairpin. You may injure the eardrum inside.**
- **Use a dry towel to clean your ears.**
- **Do not let water enter your ears.**
- **Go to a doctor if you have an earache.**



THE NOSE

- We breathe and smell with our nose.
- The sense of taste and the sense of smell are linked.
- There are many nerve endings in the upper part of our nose which are sensitive to smell.



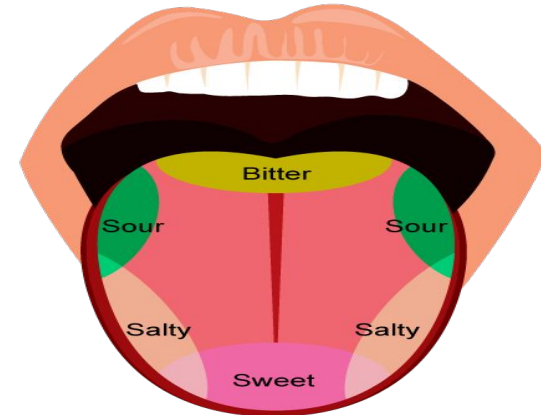
CARE OF THE NOSE

- **Keep your nostril clean by blowing your nose gently.**
- **The hair inside the nose keeps out dust that is present in the air.**
- **Do not pick your nose.**
- **Inhale steam to clear a blocked nose.**



THE TONGUE

- It is the main organ of taste and it also enables us to speak.
- The surface of the tongue is covered with tiny bumps which are called taste buds.
- The nerve endings in these taste buds detect the four major tastes: sweet, salty, sour and bitter.
- Food tastes better when we can smell it.
- Food doesn't taste so good when a cold blocks our nose.



THE SKIN

- The skin forms the outermost covering of the body.
- It protects the internal organs.
- We can feel the sensation of touch, heat, pain or pressure because of our skin.
- The pores on the surface of the skin allows some body waste to come out as sweat.
- The skin is the largest organ of our body.



CARE OF THE SKIN

- Soap and water are enough to remove dirt and sweat from the skin.
- Dry yourself thoroughly after bathing and wear clean and comfortable clothes.
- Clothes should be loose enough for the passage of fresh air when the weather is warm.
- A scratch or cut on the skin should be treated with an antiseptic lotion to prevent infection.



SUMMARY

- **The organs which connect us to the outside world are known as sense organs.**
- **We should take proper care of our sense organs.**
- **Our ears help us to keep our balance.**
- **The skin is the largest organ of our body.**

READY FOR A
QUIZ ?

1. The organ that helps to keep our balance.

Ans: Ears

2. The organ that enable us to speak.

Ans: Tongue

3. The sense organ that protects the internal organs.

Ans: Skin

HOMEWORK

- Draw a labelled diagram of human eye.

D. Write short answers.

- 1. The brain needs a continuous supply of blood and oxygen.
Why?**

Ans: The brain needs a continuous supply of blood and oxygen because the cells present in the brain will die if the supply of blood which carries oxygen is stopped. Blood carries many materials which are necessary for the brain to function properly.

- 1. What are sensory nerves?**

Ans: Sensory nerves are the nerves which brings messages from the sense organs to the brain or the spinal cord.

D. Write short answers.

3. How is our brain protected from injuries?

Ans: The brain is protected by a hard, bony skull. The space between the skull and the brain, and also the inside of the brain, is filled with a clear fluid which serves as a cushion against jerks and injuries.

4. What could happen if we clean our ears with a pointed object?

Ans: If we clean our ears with a pointed object, it may injure the eardrum inside.

5. What is a reflex action?

Ans: Reflex action is a sudden and involuntary action which is controlled by the spinal cord.

LEARNING OUTCOME

The learner will be able to:

- **identify the various sense organs found in the human body.**
- **learn the various parts and function the sense organs.**
- **understand how to take care of these senses.**
- **understand what will happen if we lose our senses.**

THANKING YOU
ODM EDUCATIONAL GROUP