

BHAGIRATHI DAI SIKSHA SANJAN SECONDARY SCHOOL

CLASS-IInd

SUB-E.V.S

CHAPTER = 2 - HUMAN BODY

1. Learn and write.

Word	Meaning	Word	Meaning
Internal organ	- आंतरिक अंग	Taste	- स्वाद
External organ	- बाहरी अंग	Speak	- बोलना
Help	- सहायता	Chew	- चबाना
Human	- मानव	Food pipe	- खाने की नली (आहार नली)

2. learn and write the following question - answer.

Q. How does the food reach our stomach?

Ans. The food reaches in our stomach through food pipe.

Q. What is the function of the heart?

Ans. The heart pumps blood to all parts of the body.

Q. What does the wind pipe carry to the lungs?

Ans. Wind pipe carries air from the nose to the lungs.

Q. How do our ears help us?

Ans. Our ears help us to hear sound.

2

Human Body

Learning Objectives

- To appreciate the beauty of the human body.
- To identify various parts of the human body.
- To list functions performed by the human body.



Hot Start



Hold your wrist and press tightly. Is your wrist hard or soft?

Now place a hand on your stomach and press. Is your stomach hard or soft?

Human body is made up of bones and muscles. Bones are hard while muscles are soft. Bones are the hard substances that give shape to the human body.



Knowledge Bytes

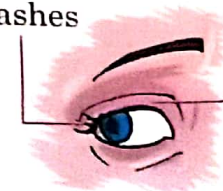
All the bones in the human body join to make the human skeleton.

Sense Organs

Our body helps us to connect with the outside world. We do this with the help of our sense organs. We have five sense organs.

Eyes: Our eyes help us to see. They are protected by eyelids and

Eyelashes



Eyelids

Eye

eyelashes. These prevent the dust from entering in. If dust does get into our eyes, we get tears which remove the dust. Tears also keep our eyes wet all the time. Blind people cannot see.

Make Sure!

Get the students to feel the skin under the eyelids, on the back of their hands, on the arm and note the difference.



Ear

Ears: Our ears help us to hear sound. We can also judge the direction of sound with their help. Deaf people cannot hear.

Nose: Our nose helps us to breathe and smell. We can distinguish between good and foul smell.

When we have a cold, our nose loses the ability to smell.



Nose



Tongue

Tongue: Our tongue helps us to taste the food with the help of taste buds. It also helps to move the food in the mouth and hence, chew it properly. Our tongue also helps us to speak.

Think

Say the following sentence very slowly and notice how many times your tongue moves.

Pitter Patter Pitter Patter Rain Drops

Skin: Our skin covers and protects our internal organs. It is the largest organ of the body. It helps us to feel.



Quick Revision

• Fill in the blanks.

1. The eyes are protected by eyelids and eyelashes.
2. Ears help us to judge the direction of sound.
3. Our nose helps us to breathe and smell.
4. The tongue tastes with the help of taste buds.
5. Skin is the largest organ of the body.

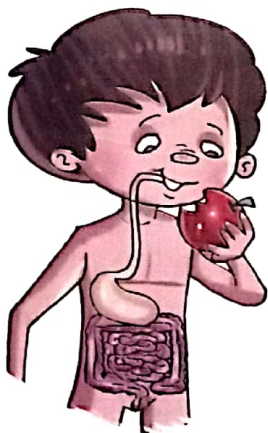
Brain

The brain is the thinking organ of the body. It is made of soft and delicate matter. It is protected by a hard skull. It controls all the functions of our body.

You can pat your head lightly to feel the skull.



Brain



Stomach

Stomach

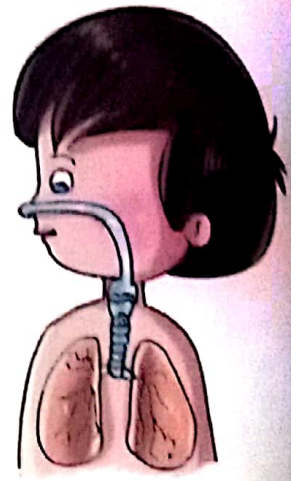
The food that we chew in our mouth goes down a long tube called the food pipe into a bag like organ called the stomach. Our stomach expands when it is full of food. It stores the food for some time. When empty, it makes a rumbling noise.

Lungs

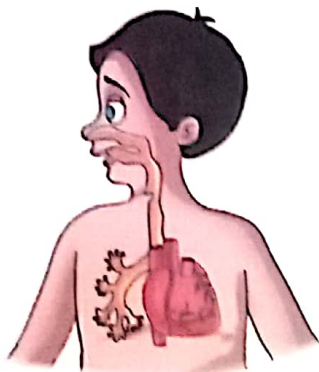
Place your hand on your chest. Take a deep breath in.

We breathe in air through our nose. It goes into our lungs through the **wind pipe**. The lungs expand when full of air. They quickly absorb all the oxygen from this air and return the carbon dioxide from the body.

This carbon dioxide is then breathed out, again through our nose. The lungs contract when we breathe out.



Lungs



Heart

Heart

The **heart** is the size of your fist. It pumps blood to the whole body. While hands, arms, legs, etc., are all external parts of our body, the organs like brain, lungs and heart are inside our body. They are called our **internal organs**.

Zoom in

- Brain is the thinking organ of the body.
- The stomach stores the food.
- The heart pumps blood to all parts of the body
- Lungs take in oxygen from the air we breathe in and give out carbon dioxide.



Words I Learnt

- Organ** : A part of the body performing a specific function.
- Food pipe** : The pipe that carries the food from the mouth to the stomach.
- Wind pipe** : The pipe that carries air from the nose to the lungs.
- Heart** : The organ that pumps blood to all parts of the body.