



## SENSATIONS AND FEELINGS

### Learning Treasure

- Sense Organs
- Different Touches
- Care of Sense Organs
- Special People



### Self Survey

Name the sense organ used for the action in each picture.



Our body is a wonderful machine which performs many functions at the same time. We become aware of the things happening us with the help of our eyes, ears, skin and tongue. These are our sense organs. They help us to recognize the things around us.

### SENSE ORGANS

We have five sense organs : Eyes, Ears, Nose, Tongue and Skin.

#### Eyes

Our eyes help us to see the world around us. They help us to see the colour, shape, size and distance of the objects around us. Some people have weak eyes and need spectacles to see clearly. They help us to read books and watch T.V. etc. We can also show our feeling through our eyes. Eyes are protected by eyelids which prevent dust, germs and bright light from entering our eyes.

### Fact Treasure

*You can never sneeze with your eyes open.*



Eyes



### Teacher's Tip

*Some people use match-sticks to clean their ears is its a good habit? Discuss.*

## Ears

Ears are the sense organs which help us to hear all kinds of sound like loud, soft, sharp, dull, pleasant and unpleasant around us. Ears also help us to keep our balance. Our ears also help us to recognize danger like the barking sound of dog, horns of vehicles, etc. The ear has three major parts-outer, middle and inner. In mammals the outer ear is just an external flap called **pinna**.



Ears



Nose

## Nose

The nose helps us to smell things and breathe. It tells us if a thing smells good or bad. The nerves in the nose pick up the smell in the air and send a signal to the brain. The brain then reads the signals and tells us what kind of smell it is. The inner side is lined with small hairs which act as filter trapping dust particles from entering in the sense of smell and taste are closely linked. When we are suffering

with cold, the nerve endings get blocked. This is why we cannot smell things properly nor can we taste our food well.

## Fact Treasure

*Dolphins sleep with their eyes open.*

## Tongue

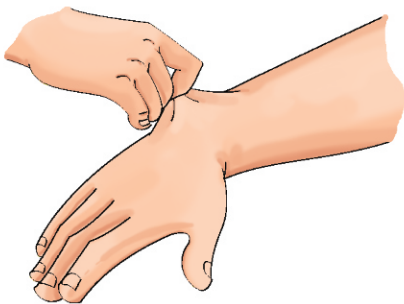
Our tongue helps us to taste things. These tastes can be sweet, salty, sour or bitter. The tongue has approximately 10,000 small pores called taste buds on it. This is why it feels rough. The tongue also helps us to speak.

## Fact Treasure

*In general girls have more taste buds than boys.*



Tongue



Skin

## Skin

Our skin helps us to find out what a thing is like. It helps us to feel. To know if a thing is hot, cold, soft, hard and rough or smooth, we need to touch it. Skin protects our body from bacteria and is sensitive to heat, cold and pain.

Our skin is the largest organ of our body which forms a protective covering on all organs. It covers the whole body.

There are numerous nerve endings on our skin which make it sensitive to touch. The skin also regulates the body temperature by the process of sweating.

## DIFFERENT TOUCHES

There are mainly two types of touch—good and bad.

### Good Touch

When a certain touch makes us feel nice and comfortable we call it a good touch. A mother's or a father's hug is warm and loving and is a good touch. People who love us and care for us, touch us in a particular way.

### Activity Session

**Circle the correct answer.**

1. Cotton candy feels soft/hard to touch.
2. An ice cream feels hot/cold to touch.
3. Glue feels sticky/slippery to touch.
4. Marble stone feels smooth/rough to touch.

### Bad Touch

The touch of all people are not same. Sometimes a touch makes us feel uncomfortable and unsafe. We call it a bad touch. We should keep us away from such people with whom we feel unsafe. We must bring such a thing to the notice of our parents and teachers immediately.

### Care of Sense Organs

Sense organs are precious for us. We should always take good care of them.

- ◇ We should watch television or mobile from a proper distance.
- ◇ We should avoid watching television and working on computer for long hours.
- ◇ We should keep the nose, the tongue, the ears, the eyes and the skin clean regularly.
- ◇ We should listen to music on pleasant sound.
- ◇ We should avoid playing with sharp objects, electric goods and fire.
- ◇ We should keep our eyes clean and splash water on them regularly. Then, wipe them gently with a clean towel.
- ◇ Do not read in dim or too bright light.
- ◇ We should not use sharp objects like a pin or a matchstick to clean your ears. We must clean your ears with a clean cotton bud.

- ❖ We should clean our tongue regularly with a tongue cleaner after brushing our teeth.
- ❖ We should drink at least 8 glasses of water everyday to keep our skin properly hydrated.

## SPECIAL PEOPLE

There are many people who cannot see, hear or speak. They are called special people or **differently abled people**. These people have special needs and they need our love and special care to lead a normal life. They do not need our sympathy but they need our cooperation and support.

- ❖ A blind person cannot see.
- ❖ A deaf person cannot hear properly.
- ❖ A lame person cannot walk properly.
- ❖ A dumb person cannot speak properly.

Touch and smell are very useful senses. These senses are naturally highly developed in the persons who cannot see, speak or hear.

Many special persons like Helen Keller, Stephan Hawking, Louis Brail and Sudha Chandran have proved to the world that they are no less than normal people.

## Quick Brush Up



- Our body is a wonderful machine which performs many functions at the same time.
- We have five sense organs : Eyes, Ears, Nose, Tongue and Skin.
- Our skin is the largest organ of our body which forms a protective covering on all organs.
- A certain touch makes us feel nice and comfortable, we call it a good touch.
- We should avoid playing with sharp objects, electric goods and fire.
- A deaf person cannot hear properly.

## Key Words

**Differently-abled** : Those who are physically impaired.



### A. Choose the correct option.

1. Taste buds are present on the

(a) Ears

☐ (b) Tongue

☐ (c) Eyes

☐



2. The sense organ that helps us to recognize sounds are the  
 (a) Skin ☐ (b) Eyes ☐ (c) Ears ☐
3. \_\_\_\_\_ is our largest sense organ.  
 (a) Eyes ☐ (b) Ears ☐ (c) Skin ☐
4. We should stay away from  
 (a) Good touch ☐ (b) Bad touch ☐ (c) School ☐
5. Our skin has millions of  
 (a) Nerve endings ☐ (b) Skin endings ☐ (c) Bells ☐

**B. Fill in the blanks.**

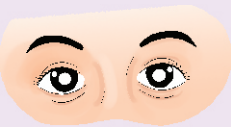
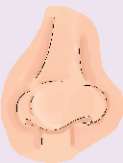
1. We have \_\_\_\_\_ sense organs.
2. We can also show our feelings through our \_\_\_\_\_.
3. Our \_\_\_\_\_ helps us to taste things.
4. The \_\_\_\_\_ also regulates the body temperature.
5. We should keep us away from such people with whom we fell \_\_\_\_\_.
6. People with weak eyes need \_\_\_\_\_ to see.

**C. Write True or False.**

1. A bad touch makes us uncomfortable.
2. Ears maintains our balance while walking.
3. Eyelashes protect our eyes from dust and bright light.
4. People with weak eyes need spectacles to see.
5. People who cannot walk are called lame people.

☐  
☐  
☐  
☐  
☐

**D. Matching :**

- |    |                                                                                     |       |
|----|-------------------------------------------------------------------------------------|-------|
| 1. |  | hear  |
| 2. |  | feel  |
| 3. |  | sight |
| 4. |  | taste |
| 5. |  | smell |

E. Answer the following questions.

1. What are the sense organs ?
2. How can we take care of our sense organs ?
3. What should we do in case of a bad touch ?
4. How can we help differently-abled people ?
5. What is the difference between a good touch and bad touch ?
6. What are taste buds ? Write the four types of tastes.
7. Who are special people ?



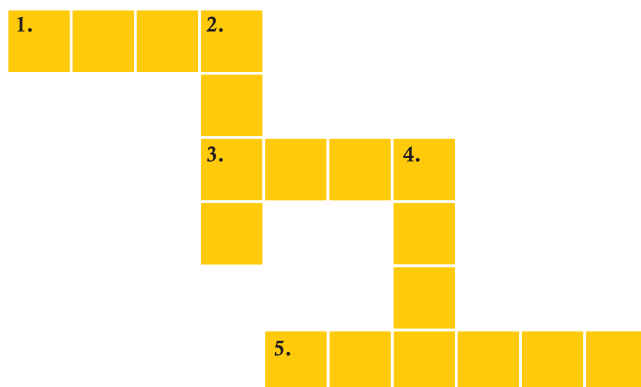
## Brain Twister

1. *Why does food not taste too good when you are suffering from cold ?*
2. *What would have happened if we do not have sense to taste ?*

## Creative Corner

**Complete the crossword with the help of the clues given :**

1. Across : I help you smell good and bad things
2. Down : Tears flow from me when you get hurt
3. Across : You can hear a song because of me
4. Down : I help you identify a rough object
5. Across : I tell you whether the medicine is sweet or bitter



## Life Skills



We should treat differently-abled people like one of us. We should support them with love. We must understand their needs and help them as and when required.