

## The Organs of Sense

**WebQuest Description:** Learn more about five organs of sense that responds to charges in our environment.

**Grade Level:** 3-5

**Curriculum:** Science

**Keywords:** Organs, Eye, Ear, Nose, Tongue, Skin, English, Science

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### Introduction

The sense organs are the body organs by which humans are able to see, smell, hear, taste, and touch or feel. The five sense organs are the eyes (for seeing), nose (for smelling), ears (for hearing), tongue (for tasting), and skin (for touching or feeling). About Five Sense Organs

**Eyes (Sense of Sight/See)** Sight, also referred to as vision, is our ability to see. Eyes are the visual sensory organs of the human body. Human eyes vary in color depending on the amount of melanin in the body. Our eyes are sensitive to images of light. Blindness is the inability to see and the scientific study of sight is called optics.

**Nose (Sense of Smell)** The sense of smell is also referred to as olfaction. We have our olfactory system by which we smell and perceive different odors and scents. The nose can also be an organ to aid in our sense of taste. Humans breathe through two holes called nostrils. There are hundreds of olfactory receptors that interpret the smells around us. Anosmia is the inability to smell.

**Ears (Sense of Hear)** Hearing, also referred to as auditory perception or audition, is our ability to perceive sounds. We have our auditory system by which we detect vibrations and hear sounds. Vibrations are transmitted through a medium such as air. These vibrations are mechanically carried on from the eardrum through the tiny bones named the malleus, incus, and stapes. Humans may experience hearing loss when the ability to hear is lost partially or completely. Deafness is the inability to hear.

**Tongue (Sense of Taste)** We have one tongue by which we perceive various tastes and flavors like sweet, salty, sour, and bitter. The small bumps on the tongue are the papillae. In between the papillae are the taste buds. Taste buds, also called gustatory calyculi, are the sensory organs on the tongue's upper surface. The different parts of the tongue detect distinct flavors: front for salty and sweet, back for bitter, and sides for sour. Ageusia is the inability to taste.

**Skin (Sense of Touch)** Our skin is the largest organ as it covers our whole body. The receptors on our skin allow us to perceive texture, pain, temperature, pressure, and pain. Touch is also referred to as tactician, somatosensation, or mechanoreception. The sense of touch is activated by neural receptors found in the skin, and other surfaces like the tongue and hair follicles. Tactile anesthesia is the inability to feel anything physically.

### Tasks

Hi students! Present your finding organ of sense from a box (See the process how to do the activity). You will memorize the organs of sense through a series of activities including:

- Video
- Interaction
- Tasks (worksheets) and quiz with your teacher's guidance

You will also learn the importance of each sense as well as their

functions.

Please, check the worksheet and quiz below!

### Process

Processes of Activity Students will work in a group, each group will have three members. Each group will randomly select a piece of paper from a box. The paper will showcase the sense organ that such group members will use to explore. Each group will use the sense organ to explore different things or a special surrounding that they will be given are sent. They will present a finding orally to the rest of the class. Create a model of the sense organ they selected. Watch and listen to video. Watch the video Do the work on the page tasks.

# Evaluation

The rubric below will show how students will be graded. It is recommended that all student try and find the correct answers so that each will be properly equipped for your next lesson.

Category and Score	Poor	Fair	Good	Excellent	Score
Participation	Student did not participate in any activities.	Student participated in few activities.	Student participated in most activities.	Student participated in all activities.	30
Following Instructions	Student did not follow any instructions.	Student followed few instructions.	Student followed most instructions.	All instructions were followed.	25
Worksheets	Student does not do worksheet.	Student turns worksheet in incomplete - misses half of points.	Student completes worksheet - misses few points.	Student completes worksheet - misses no points.	25
Attitude and Behavior	Student has poor attitude and behavior (excessive talking, acts up, etc.).	Student has fair behavior in few activities.	Student has good behavior in most activities.	Student has excellent behavior in all activities.	20
				Total Score	100

# Conclusion

The organ of sense are; eyes (sight), nose (smell). ears (hearing), tongue (taste), and skin (touch). These help us gather information about the world. And as we all known, our senses are continuously activating in every work that we do, this will help the students to analyze more about the topic and apply it into daily activities.

# Teacher Page

Hi, I am Aryani Utami Dewi. I would like to thank God who gives me good health so I could complete this WebQuest and my lecturer, Mrs. Tiarma Ika Yuliana S.S.,M.Hum., who had taught me how this task to be done for my UAP assignment. This WebQuest was designed to help you teach your students the organs of sense in a fun and interactive way. \*Focusing on one organ each day of the school week will allow adequate time to learn each sense.

## Standards

This WebQuest was designed to be used in a grade four class with students performing at the Beginning, Developing Proficiency level. It teaches students about the five senses but it also allows students to work in their groups, write, be artistic, and improving speaking skills. At the end of the WebQuest the class will vote on which sense they believe is the best.

## Credits

Website :<https://kidskonnnect.com/science/sense->

<http://bashayeraltalhi.weebly.com/><https://www.koantum.com/#samples><https://www.proprofs.com/quiz->

<school/story.php?title=science->

<senses><https://www.kullabs.com/classes/subjects/units/lessons/notes/292><https://www.shutterstock.com/search/sensory+organs>Youtub

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## Other

MaterialsIn order to complete the WebQuest you will need: Ten computers/laptops with internet access (one for each group).Paper and pencils/pens.Printer. \*If you find any mistakes and deficiencies on my WebQuest, some advices or corrections are welcome for this WebQuest. Thank you!