

# UNIT 4

NAME

Define the interaction function and the processes involved.

Define neuron, nerve and nerve impulses. Identify the parts of the neuron and describe how they transmit nerve impulses.

Identify and name the parts of the eye and describe the functions they perform. Describe the sense of sight, from the detection of stimuli to the perception of images and distances in the brain.

Identify and name the parts of the ear. Describe the functions that their parts perform and describe the sense of hearing, from the detection of stimuli to the perception of sound in the brain, and locate the organs of balance and postural control.

Identify, name and locate the olfactory nerve and taste buds as organs of smell and taste, and describe the process of perception of smells and flavours.

Find out about the existence of skin cells, specialised in detecting stimuli and describe the process of the sensation of touch.

Understand actions that harm or improve the health of the sense organs and find out how to care for and maintain their hygiene.

Participate actively in the experiments proposed and apply mathematical methods for detecting the optical illusion perceived.

Understand information, acquire vocabulary about the sense organs, express knowledge and opinions both orally and in writing and show interest in reading texts about the interaction function in humans.

Understand and apply mathematical elements, operations and strategies to solve problems about the size of the eyeball.

Obtain and organise information, working with the unit structure, and using digital resources with interest and responsibility.

Show initiative, accepts mistakes when doing self-evaluation, perseveres in reinforcement tasks and actively participates in cooperative learning exercises.

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