

Name \_\_\_\_\_

Date: 10-11-2021

**Unit 1: Interaction**

**1. Answer the questions.**

- a) What do we call the coloured part of the eye? \_\_\_\_\_
- b) Name two parts of the eye that are transparent. \_\_\_\_\_
- c) What part of the eye is made of nervous tissue and transforms light energy into nerve impulses? \_\_\_\_\_
- d) What do we call the hairs on the edge of our eyelids? What is their function?  
\_\_\_\_\_
- e) Why do we blink? \_\_\_\_\_

**2. Cross out the wrong word. Write the correct word.**

3. Nerves connect the spinal cord to the muscles, organs and skill. \_\_\_\_\_
4. Motor nerves block messages from the brain to the muscles. \_\_\_\_\_
5. Sensory nerves transmit messages from the electricity to the brain. \_\_\_\_\_
6. The spinal cord connects the fingers to the rest of the body. \_\_\_\_\_
7. The brain controls the solar system. \_\_\_\_\_

**3. What are the parts of the brain and what is the function of each part? Label the diagram then write a description of the function of each part below.**



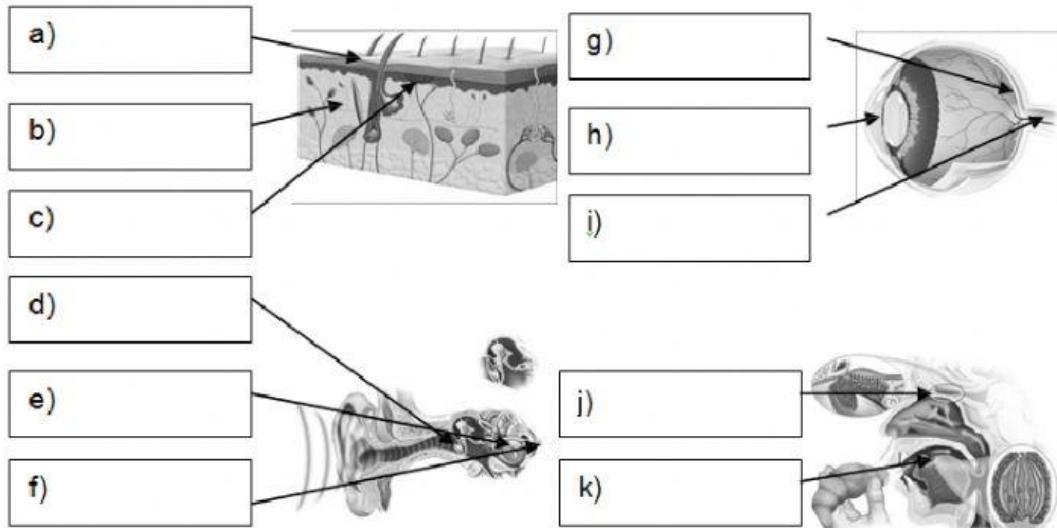
brainstem

cerebellum

cerebrum

**4. Label the diagrams. Use the words in the box.**

pupil	cochlea	epidermis	retina	taste buds	eardrum	nerve endings
dermis	optic nerve	olfactory nerve		gustatory nerve		auditory nerve



**5. Translate that words into Spanish:**

interact = \_\_\_\_\_

cornea = \_\_\_\_\_

nervous system = \_\_\_\_\_

lens = \_\_\_\_\_

spinal cord = \_\_\_\_\_

retina = \_\_\_\_\_

sensory nerve = \_\_\_\_\_

optic nerve = \_\_\_\_\_

**motor nerve**= \_\_\_\_\_  
**eardrum** = \_\_\_\_\_  
**brainstem** = \_\_\_\_\_  
**small bones** = \_\_\_\_\_  
**involuntary movement**= \_\_\_\_\_  
**cochlea** = \_\_\_\_\_  
**auditory nerve** = \_\_\_\_\_  
**cerebrum**= \_\_\_\_\_  
**olfactory nerve** = \_\_\_\_\_  
**cerebellum**= \_\_\_\_\_  
**olfactory cells** = \_\_\_\_\_  
**neuron** = \_\_\_\_\_  
**nasal passages** = \_\_\_\_\_  
**nerve impulse** = \_\_\_\_\_  
**tastebuds** = \_\_\_\_\_  
**synapse** = \_\_\_\_\_  
**saliva** = \_\_\_\_\_  
**iris** = \_\_\_\_\_  
**gustatory nerves** = \_\_\_\_\_  
**pupil** = \_\_\_\_\_

**6. Complete the sentences.**

The function of the brain is to \_\_\_\_\_.

The function of the spinal cord is to \_\_\_\_\_.

The function of the sensory nerves is to \_\_\_\_\_.

The function of the motor nerves is to \_\_\_\_\_.

**7. Answer the questions.**

How do neurons transmit messages to other neurons?

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What part of the skin detects information about what you touch?

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What part of the eye transmits information from the retina to the brain?

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What part of the ear changes vibrations into nerve impulses?

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What part of the nose transmits nerve impulses to the brain?

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What part of your tongue detects chemicals in food when they are mixed with saliva?

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**8. Underline the correct word.**

- a) The brain is the most important organ of the *nervous/interactive* system.
- b) The brain gets information from the *sensory/selective* nerves.
- c) Then the brain sends information to the *mechanical/motor* nerves.
- d) Nerve cells use *involuntary/electrical* impulses to transmit messages.
- e) A nerve cell is *star-shaped/oval* with a long extension called an axon.
- f) The axon *sends/receives* nerve impulses to the dendrites of other nerve cells.

**9. Complete the table.**

eardrum	lens	olfactory cells	epidermis	cochlea	retina
dermis	iris	tongue	taste buds		gustatory cells

Sense organ	Parts
The eye	
The ear	
The mouth	
The nose	
The skin	