

# interaction

Complete the diagram about the function of interaction.

the locomotor system \* the nervous system \* stimuli  
 \* the brain \* sense organs \* the nerves

_____ are changes in the external environment.	_____ capture information.	_____ controls the function of interaction.
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_____ carry information from the sense organs to the brain.	_____ interprets information and responds through the nerves.	_____ responds to information from the brain.
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Read the sentences and select the correct words. Then, write the corresponding sense organ.

- a. Receptors in the taste buds detect  temperature  flavours. \_\_\_\_\_
- b. Receptors in the  eardrum  cochlea detect sounds. \_\_\_\_\_
- c. Touch receptors detect  pain  light. \_\_\_\_\_
- d. Receptors in the  retina  cornea detect light. \_\_\_\_\_

Label the parts of a neuron. Then, use the words to complete the text.



Neurons are nerve cells which form the nervous tissue. The \_\_\_\_\_ receive messages from the sense organs. These messages pass through the widest part of the neuron, the \_\_\_\_\_. Then, the \_\_\_\_\_ transmits the message to other neurons.