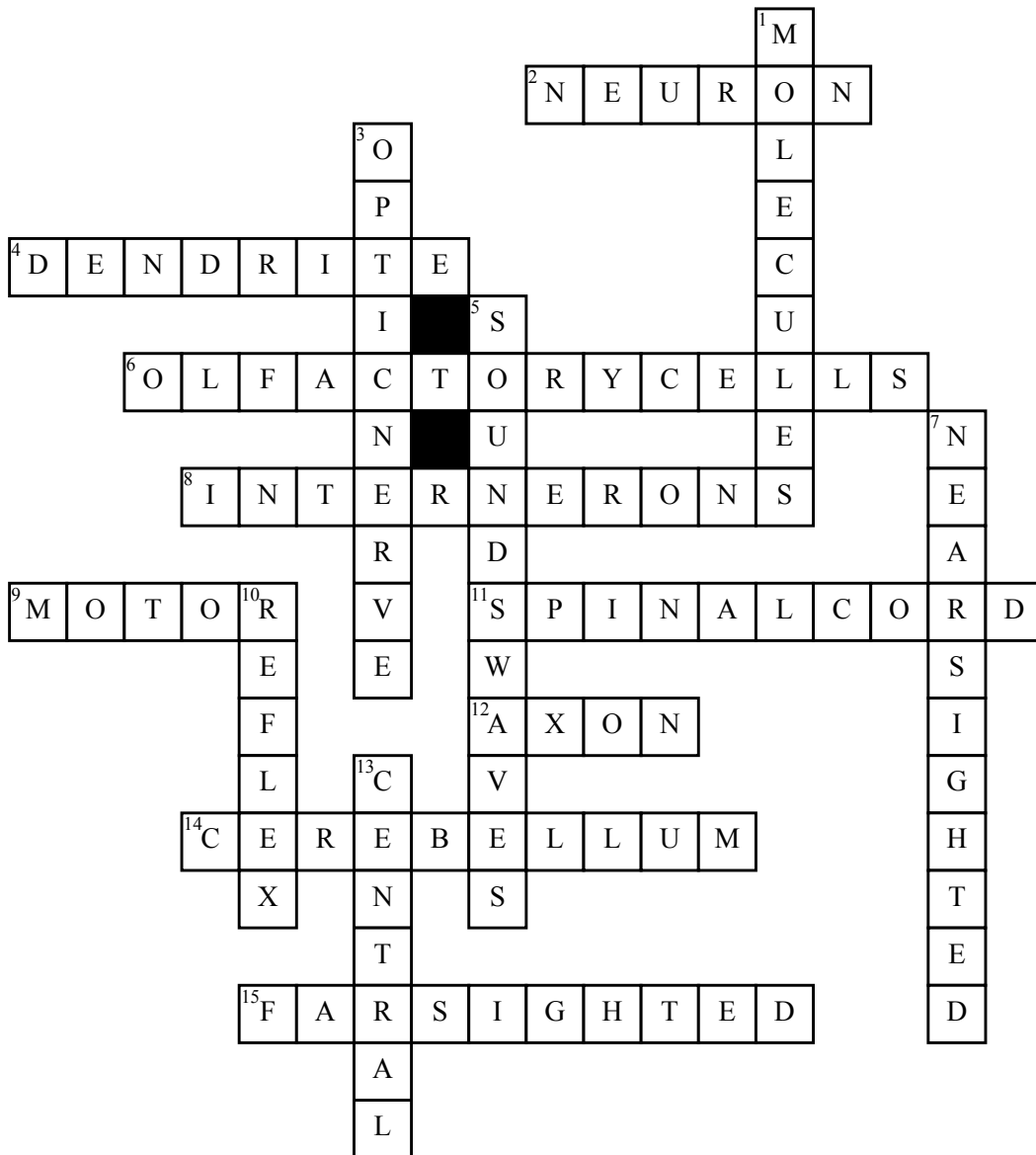


The Nervous System



Across

2. A _____ is made up of a cell body, dendrite, and axon.
4. When an impulse reaches the end of and axon, the axon releases a chemical that flows across the synapse and relays the impulse the _____ of the next neuron.
6. The _____ in the nasal passages detect molecules in the air, transmitting these impulses as odors.
8. Nerve cells that relay impulses from sensory nerve cells are called _____.
9. Nerve cells that conduct impulses from the brain to muscle and glands throughout your body are called _____ neurons.

11. Which part of the nervous system is made up of nerve cells that carry impulses to and from the brain.
12. What is the branch part of the neuron that transports messages away from the cell body.
14. This part of the brain coordinates voluntary muscle movements.
15. When the light focused in front of the retina a person is _____.
- Down**
1. The olfactory cells in the nasal passages detect _____ in the air, transmitting these impulses as odors.
3. The rods and cones send impulses to the _____, which carries them to the visual area of the cortex.

5. The ear, along with detecting and transmitting _____, also controls the body's balance by reacting to motion and gravity.
7. When light is focused in front of the retina a person is _____.
10. When a movement causes the spinal cord to interpret an impulse from the brain from sensory receptors this movement is called _____.
13. The _____ nervous system is made up of the brain and spinal cord.