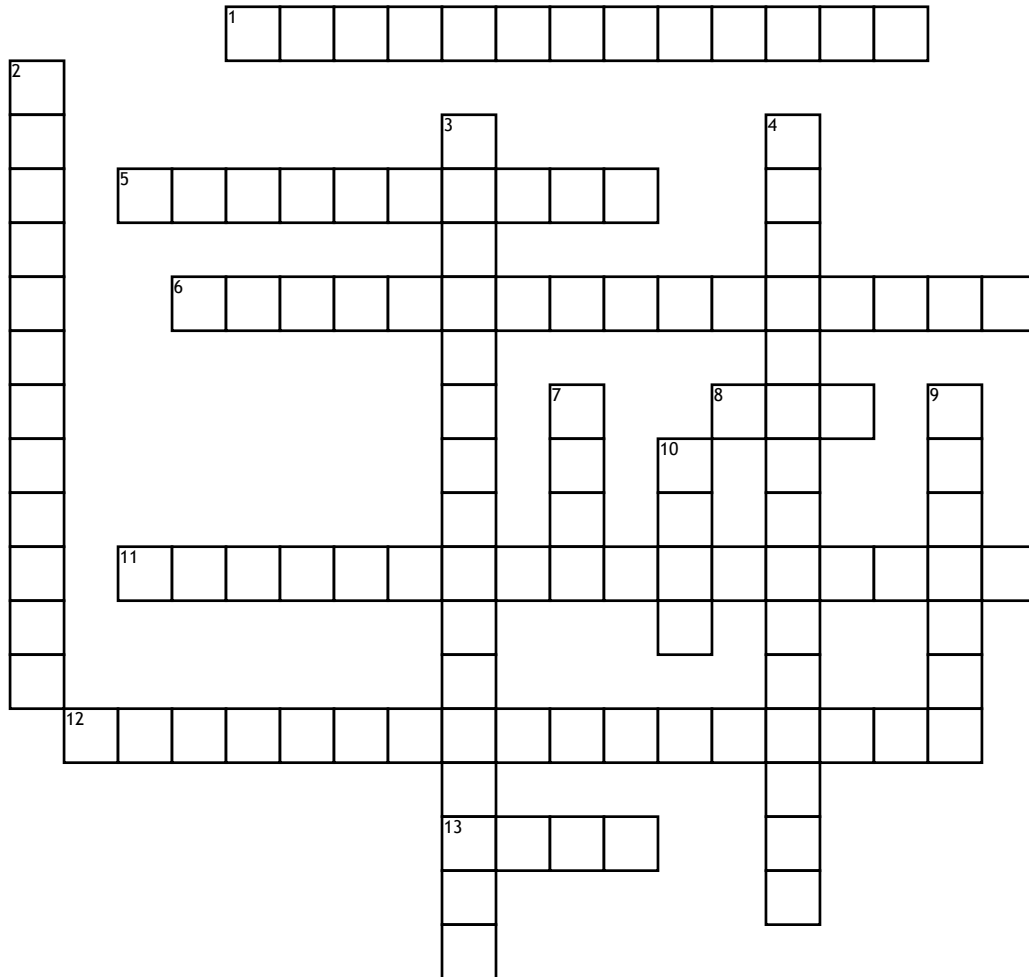


The Nervous System



Across

1. These neurons are used when observing or imitating another's actions, and also used in empathy.
 5. They provide structural support, assist with communication between neurons, and serve as scavengers removing cellular debris.
 6. How information travels within a neuron.
 8. The brain and spinal cord make up what nervous system? (abbreviation)

11. Transmits messages from neuron to the adjacent neuron.
 12. How the postsynaptic neuron receives neurotransmitters.
 13. Chemically charged particles found both inside and outside the cell.

Down

2. These neurons receive commands from the brain and send commands to the muscles of the body.

3. The neuron cannot initiate another action potential during this time.

4. The positive charge impulse that runs down an axon.
 7. The long projection off of the soma.

9. Cells that process and transmit information?

10. The cell body of a neuron.

Word Bank

Refractory Period
 Soma
 Mirror Neurons
 Ions

electrical signal
 axon
 Motor Neurons

CNS
 Glial Cells
 dendrite receptors

Action Potential
 Neurons
 Neurotransmitters