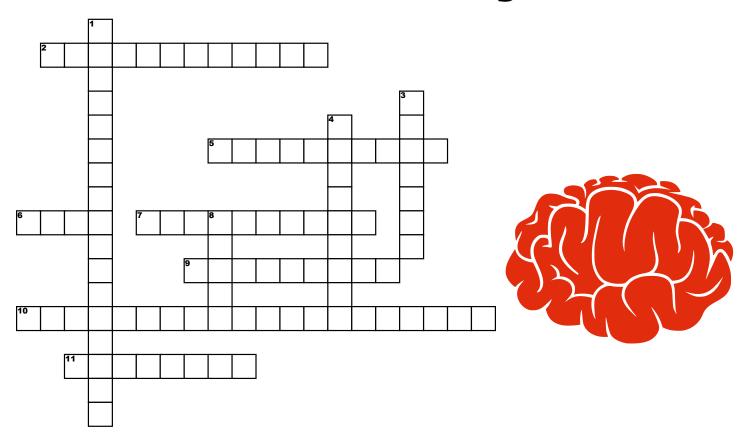
The Nervous System



<u>Across</u>

- **2.** Fatty insulated sheath that surrounds all but the smallest nerve fibers.
- **5.** Second largest part of the brain; Located at the back of the skull; Coordinates balance and movement.
- **6.** Long fiber that carries impulses away from cell body
- 7. Controls reflexes; Carries signals from brain to the body
- **9.** Connects brain to the spinal cord; Controls involuntary actions.
- **10.** Relays messages, processes information, and analyzes information.

11. Largest part of the brain; Responsible for voluntary and educated actions; Located in 2 different lobes.

<u>Down</u>

- 1. Contained in sacs in axon terminals; released to cause stimulus in the next cell; chemicals
- 3. Cells that transmit impulses
- **4.** Short branch extensions that carry impulses towards the cell body
- **8.** a bundle of fibers running to organs and tissues in the body.