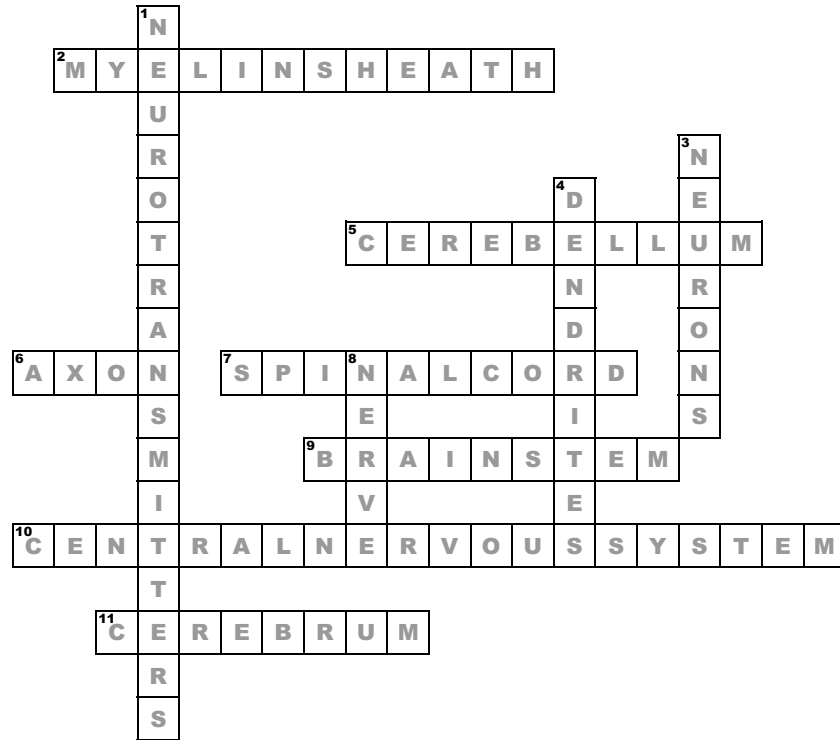


The Nervous System



Across

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.

Down

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.