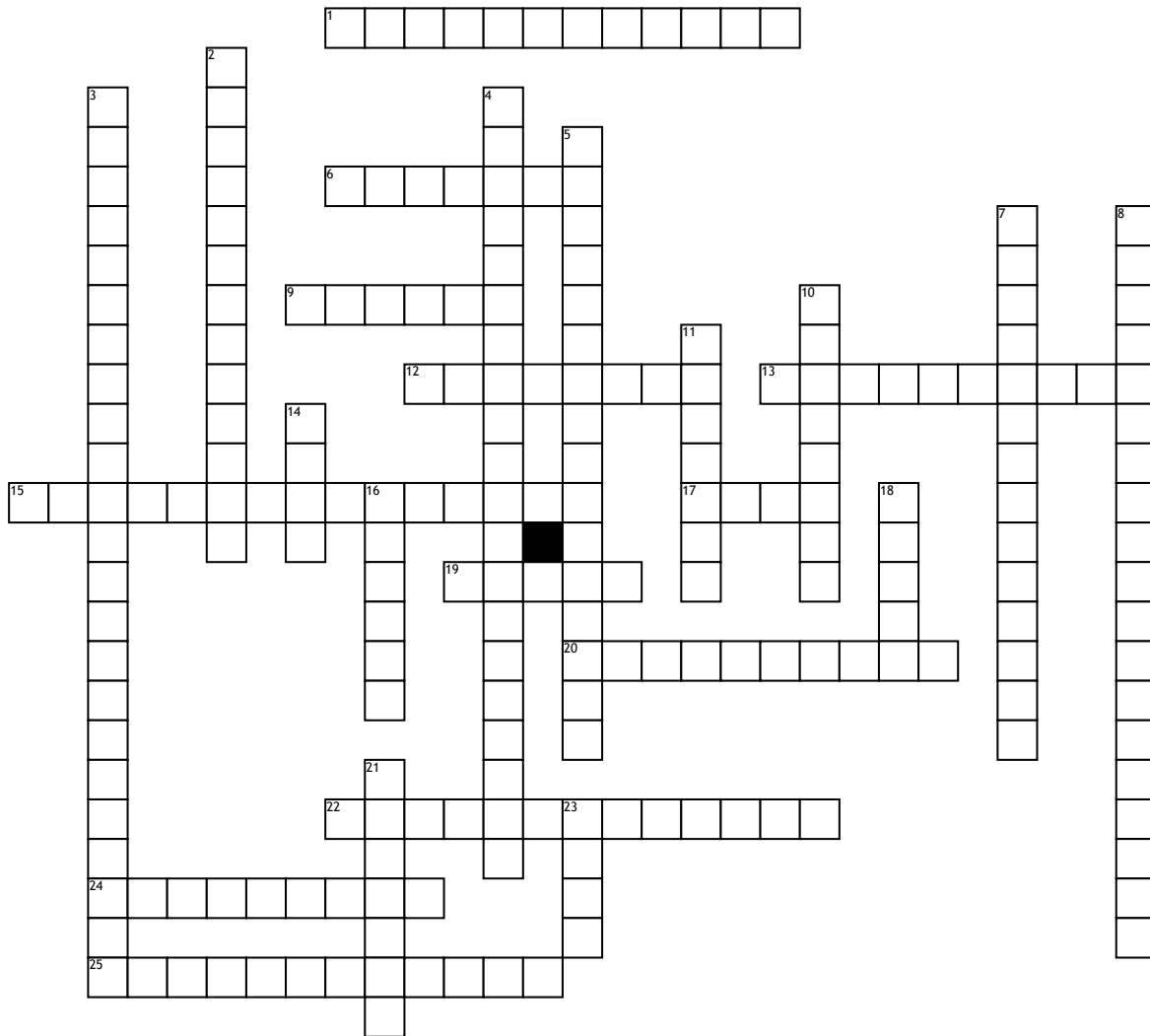


# Nervous System



**Across**

- 1. What is at the end of an axon, where a signal is changed from an electrical signal to a chemical signal.
- 6. What do ears help you maintain.
- 9. What is the front of the eye covered by that is a clear membrane called.
- 12. What is usually short, branched extension of the cell body.
- 13. What allows your brain to communicate with the rest of your body.
- 15. What is the spinal cord made up of.
- 17. What is behind the pupil.
- 19. What light from an object that passes through an opening called.
- 20. What do taste buds contain clusters of that also respond to signals in dissolved molecules in food called.

- 22. What two senses detect chemical cues in the environment called.
  - 24. What is your tongue covered with.
  - 25. What moves impulses from the brain and spinal cord to other parts of the body.
- Down**
- 2. What is made of the structures that control the actions and reactions of the body in response to stimuli from the environment.
  - 3. What is the PNS.
  - 4. What is the CNS.
  - 5. What is the chemical signal called, that is released into the gap between the neuron and other cells.
  - 7. What are sensory receptors that react to chemicals in the air called.
  - 8. What do ears pick up.

- 10. What are electrical messages called.
- 11. What controls involuntary processes, such as blood pressure, body temperature, heart rate, and involuntary breathing.
- 14. What impulses are carried away from the cell body by extension of the neuron.
- 16. What is a cell that moves messages in the form of fast-moving electrical energy.
- 18. What cells do not transmit nerve impulses, but they protect and support neurons.
- 21. What is a thin membrane that is separating the outer ear from the middle ear called.
- 23. What is your sense organ for smell called.