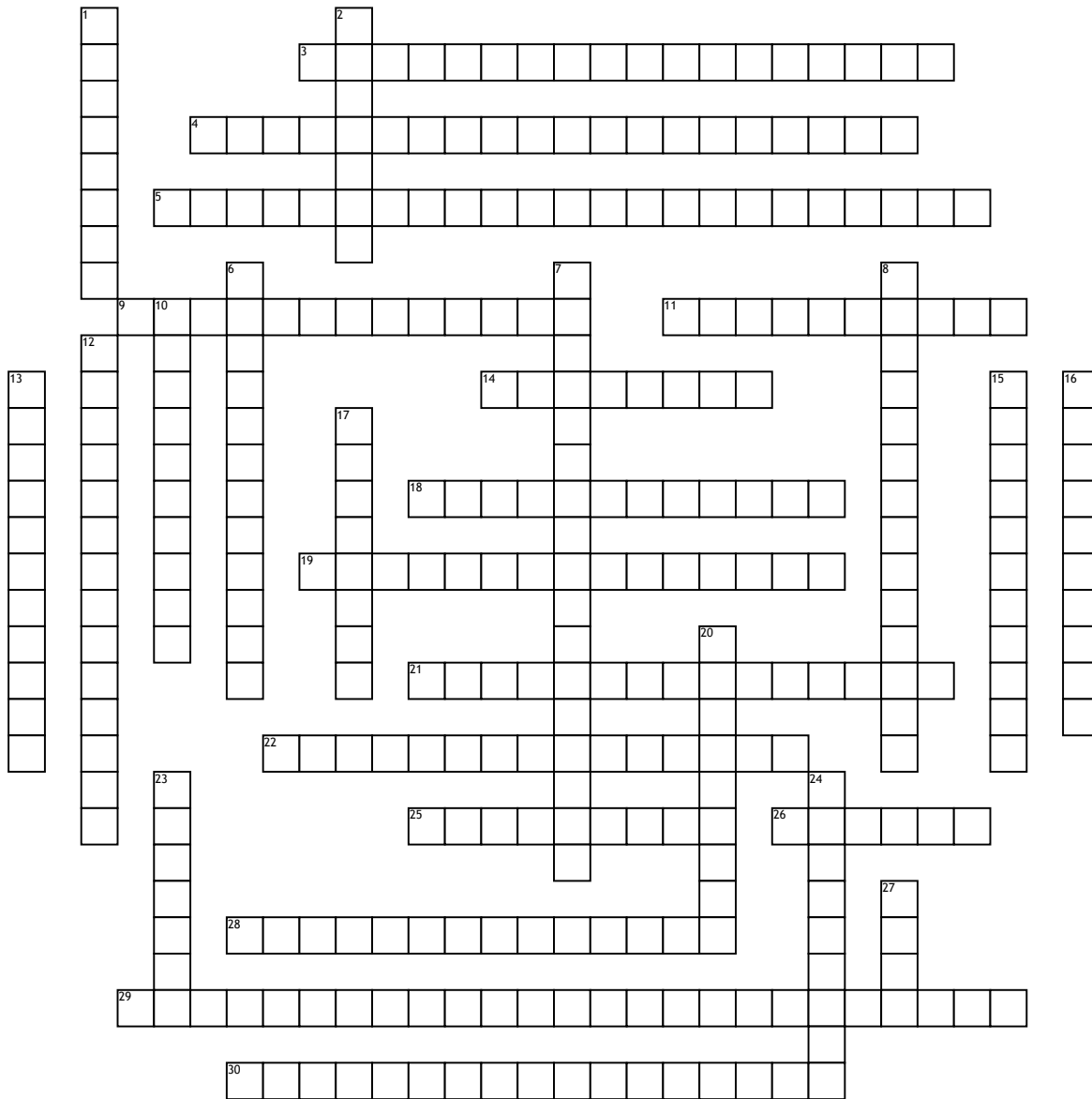


# The Brain Crossword



## Across

3. The study of the effects of heredity on behavior
4. System containing the brain and spinal cord in the nervous system
5. The branch of psychology that seeks to identify behavioral patterns resulted from genetic inheritance
9. Frontal Lobe, Parietal Lobe, Temporal Lobe, and \_\_\_\_\_
11. Creates the myelin sheath for axons
14. What is the passing on of physical or mental characteristics from one generation to another
18. What is the rule stating neurons are either on or off
19. A chemical communication network that sends messages through our bloodstream
21. The Fat and Protein coating the axon

22. The nerve impulse when neurons change from negative to positive
25. Fibers that receive chemical messages
26. An automatic, involuntary response to an upcoming stimulus
28. Connects the two hemispheres of the brain together
29. Psychologists who specialize in how biological structures and functions of the body affect behavior
30. What is the part of the peripheral nervous system that controls involuntary movements of the heart

## Down

1. The reabsorption of neurotransmitters
2. What are Nerve cells
6. The part of the brain that controls eating, aggression, and reproduction
7. Chemical Messages

8. The "New Brain" that is made up of sensory, motor, and association areas
10. controls bodily movement and balance
12. The "Master Gland" that secretes hormones
13. The memory and learning part in the limbic system
15. The "Old Brain" that controls basic functions
16. Responsible for communication between the brain and the rest of the body
17. What is the tissue that covers/protects the brain
20. Connects the brain to the spinal cord
23. The gap between neurons
24. What neurotransmitter stabilizes our mood and happiness
27. A scan for real time logging of brain activity