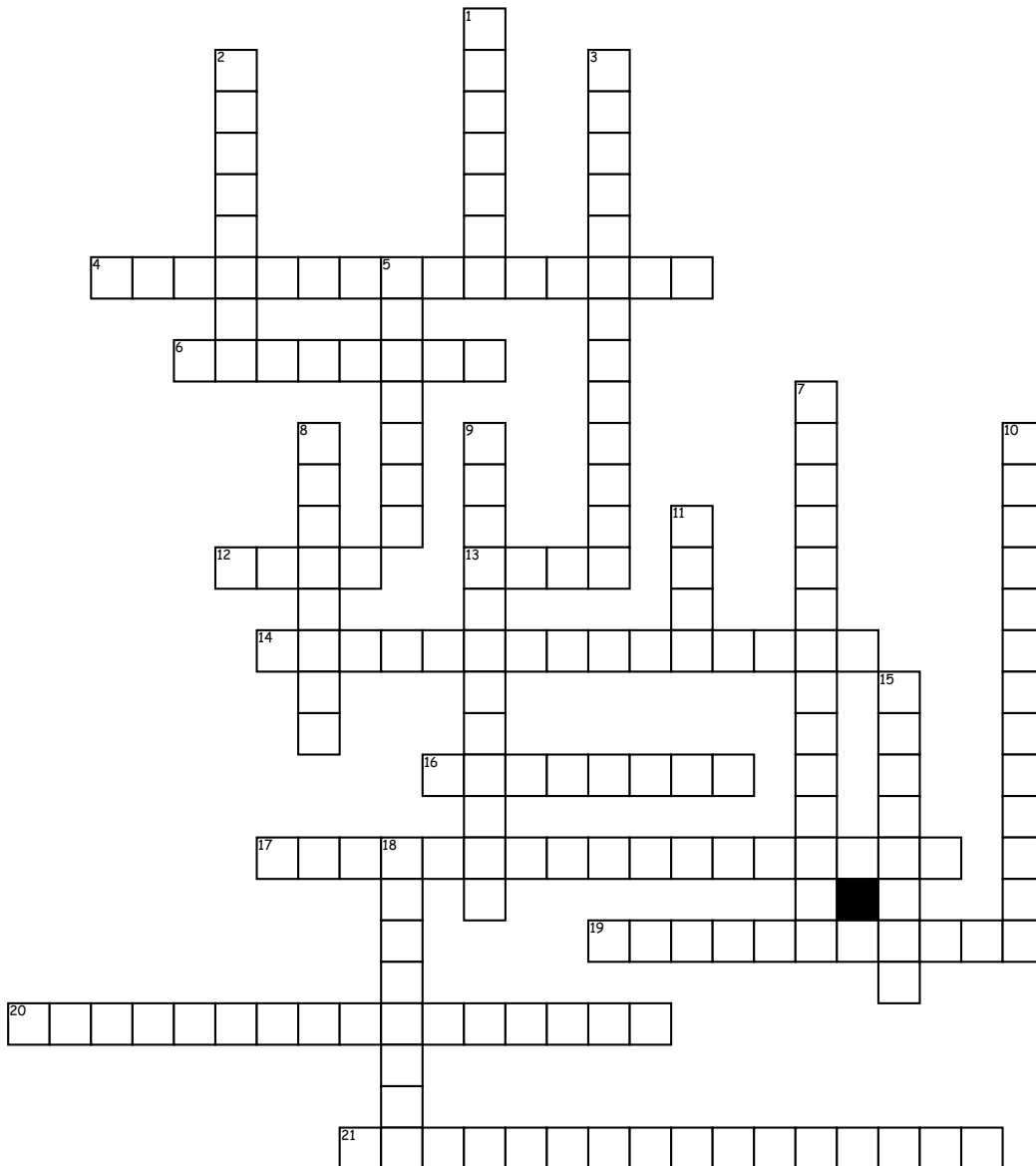


# HOW NEURONS WORK



**Across**

- 4. The release of neural impulses (reverse of electrical charge within axon).
- 6. Receives messages from other neurons.
- 12. The cell body of the neuron.
- 13. The body of a neuron is responsible for maintaining this.
- 14. In response to chemical signals neurons fire an impulse called...
- 16. Fluid inside axons membrane has this kind of charge.
- 17. Chemical found in the synaptic vesicles that effects the next cell.

19. Neurons do this with eachother.

20. When the neuron isn't firing a neural impulse.

21. When positive sodium ions are pumped out

**Down**

1. Meeting point between neurons.

2. Fluid outside the axons membrane has this type of charge.

3. This plays a role in our memory and learning.

5. Our brains create this drug naturally.

7. Small knobs at the end of an axon.

8. Neurons transmit messages when triggered by this kind of signal from neighbouring cells.

9. Layer of fatty tissue that insulates axons.

10. Your muscle will become paralyzed when this is blocked.

11. Tubelike structure that carries neural messages from the cell body to the terminals.

15. Neurotransmitters always do this.

18. When neurons reabsorb excess neurotransmitters.