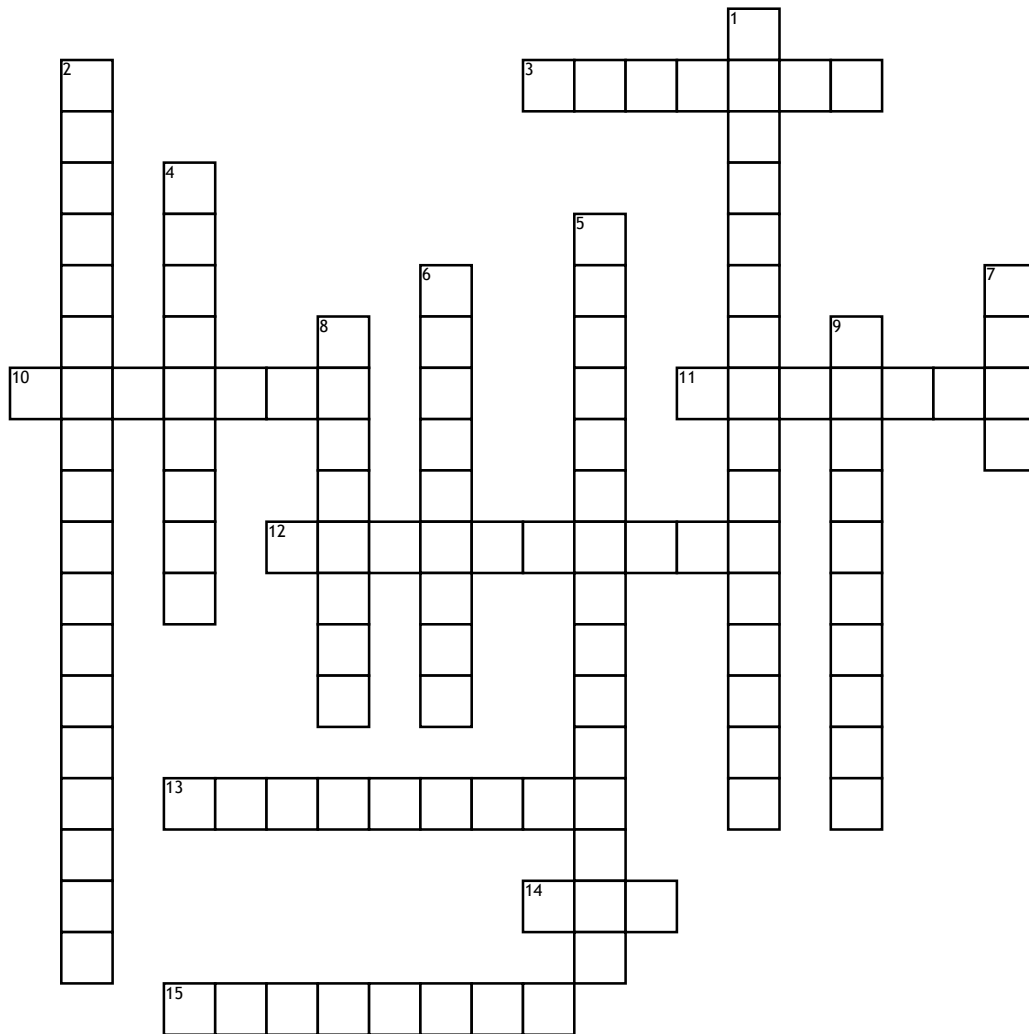


Science Electricity WebQuest Crossword



Across

- 3. When applying this, we can calculate how much current is flowing
- 10. Current can't flow without this kind of source
- 11. Indicates how many amps of current are flowing
- 12. Atoms are held together by the forces of _____ between electrons and protons
- 13. Slows the flow of electricity

14. This can be easier to think as electric pressure

15. Protons have a _____ charge

Down

- 1. The production of a magnetic field by current flowing through a conductor
- 2. The result of when energy from a power source, such as a battery, is applied to a circuit
- 4. The orbit of _____ change with each revolution

5. Electricians and engineers draw these to help them design the actual circuits

6. Work until there is a balance of electrons at both ends of it

7. This is being done when electrons are flowing through atoms

8. Electrons have a _____ charge

9. Materials with low _____ let electricity flow easily

Word Bank

- | | | | |
|---------------------|------------------|------------|-----------|
| Circuit Diagrams | Electromagnetism | EMF | Ohm's Law |
| Negative | Voltage | Batteries | Positive |
| Electrostatic Field | Ammeter | Work | Electrons |
| Attraction | Insulator | Resistance | |