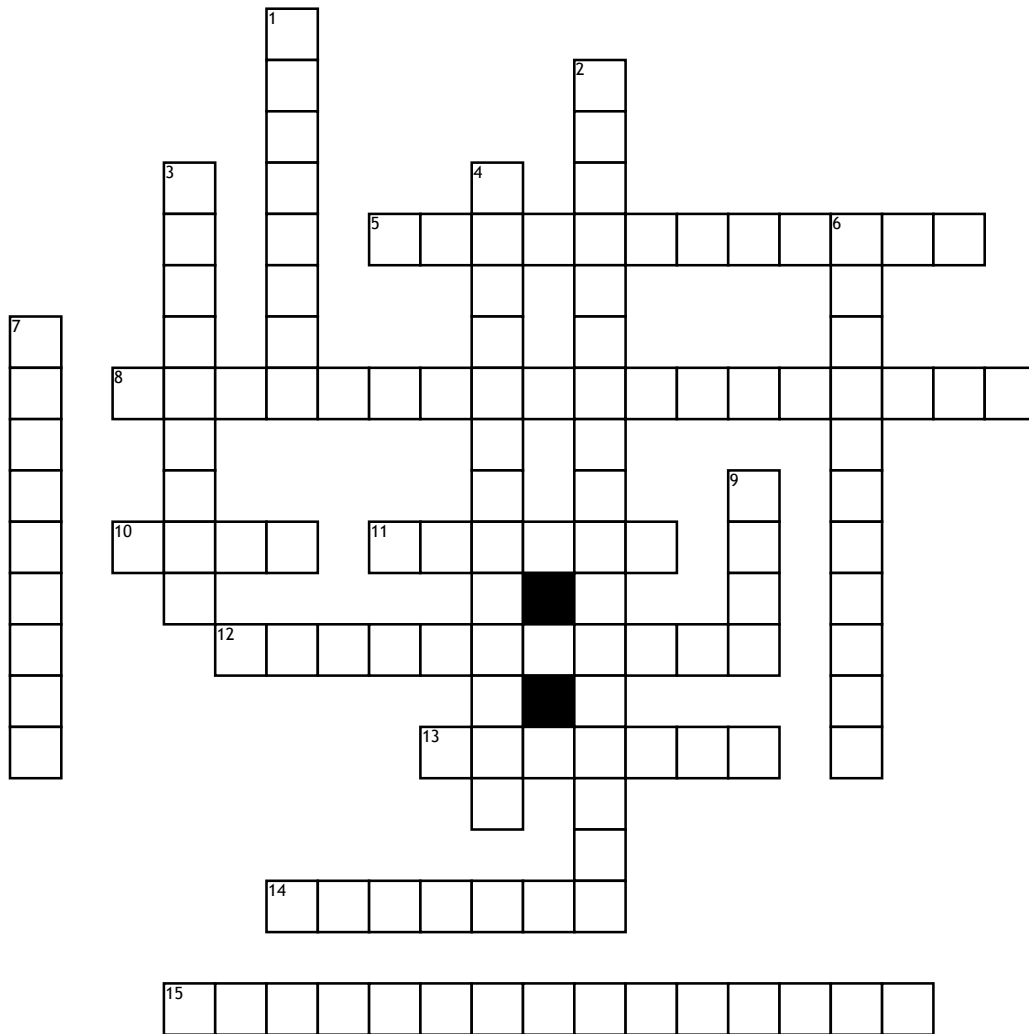


# Electricity and Magnetism



**Across**

- 5. Two different metals and a solution to produce an electric current
- 8. The flow of electrons around a circuit
- 10. A measurement of the amount of electrical push, or force in a circuit.
- 11. A conductor that can be moved to either bridge or not bridge the gap in a circuit.

- 12. When electricity takes an unexpected path that can cause sparks and fires.
- 13. A continuous, unbroken path through which electricity can flow
- 14. This contains one or more electric cells.
- 15. This has multiple paths for electricity to flow.

- 2. When charges build up on the surface of an object
- 3. A material that allows electricity to flow through it easily
- 4. This has only one path or circuit for electricity to travel.
- 6. A wire connected to the two metals and were in contact with an \_\_\_\_?
- 7. This does not allow electricity to flow through it.
- 9. A measurement of power or how fast work is done.

**Word Bank**

- |               |                    |                     |               |
|---------------|--------------------|---------------------|---------------|
| watt          | static electricity | battery             | conductor     |
| short circuit | parallel circuit   | current electricity | switch        |
| resistor      | circuit            | volt                | electric cell |
| insulator     | electrolyte        | series circuit      |               |