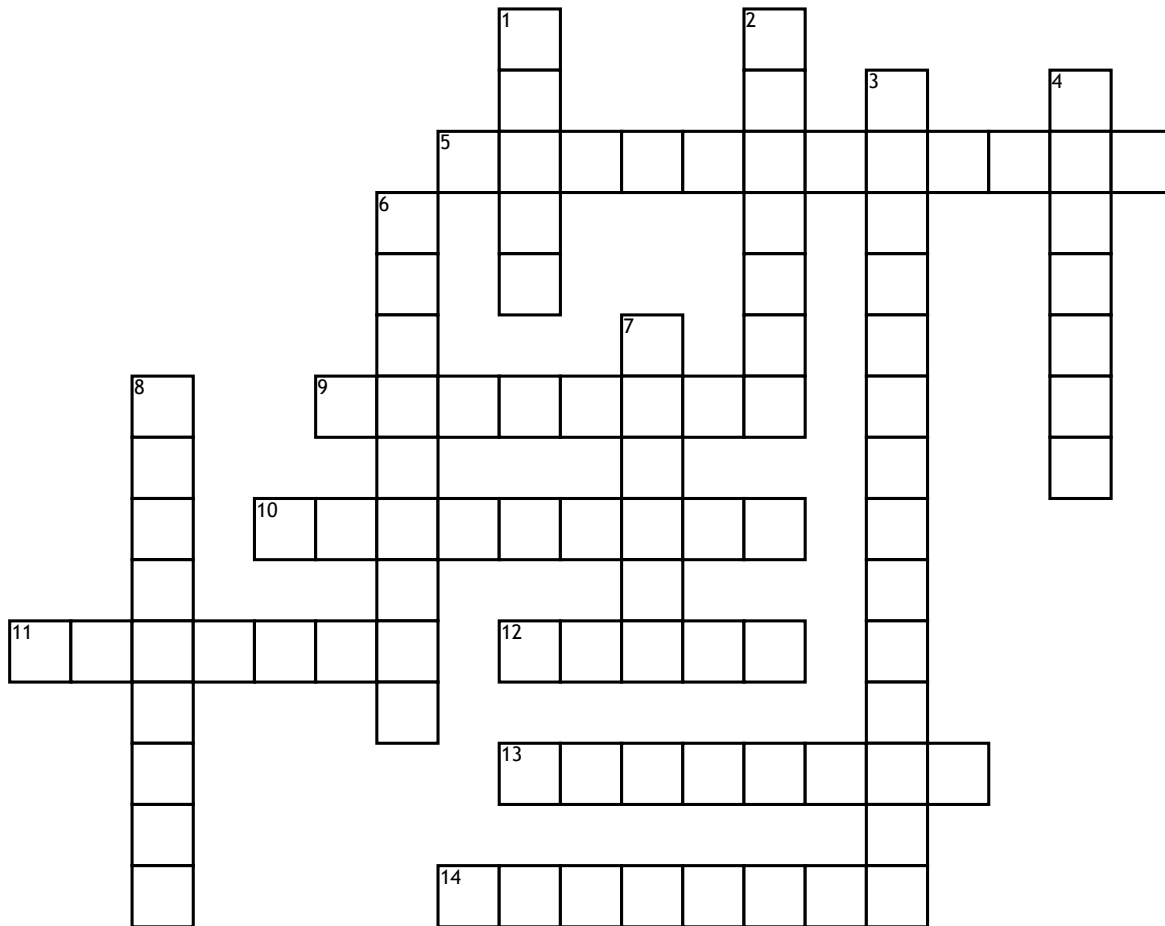


Circuits and current electricity



Across

5. A chemical reaction in a solution caused by an electric current
 9. The ... heats up to be white hot when connected in a circuit
 10. The kind of energy cells store as a chemical substances
 11. Measuring instrument used to measure the current in a circuit.
 12. Special wires which break the circuit when they overheat and melt.

13. Provides two or more pathways for the current passing through
 14. Provides a convenient way of controlling electrical circuits

Down

1. Chemical systems that are sources of energy
 2. A system for transferring electrical energy
 3. Caused by a magnetic field
 4. an electric current is the flow of charges (... energy) along a conductor

6. Has an influence on the amount of electric current flowing in that circuit
 7. Provides only one pathway for the current passing through
 8. An instrument used for measuring electrical potential difference between two points in an electric circuit