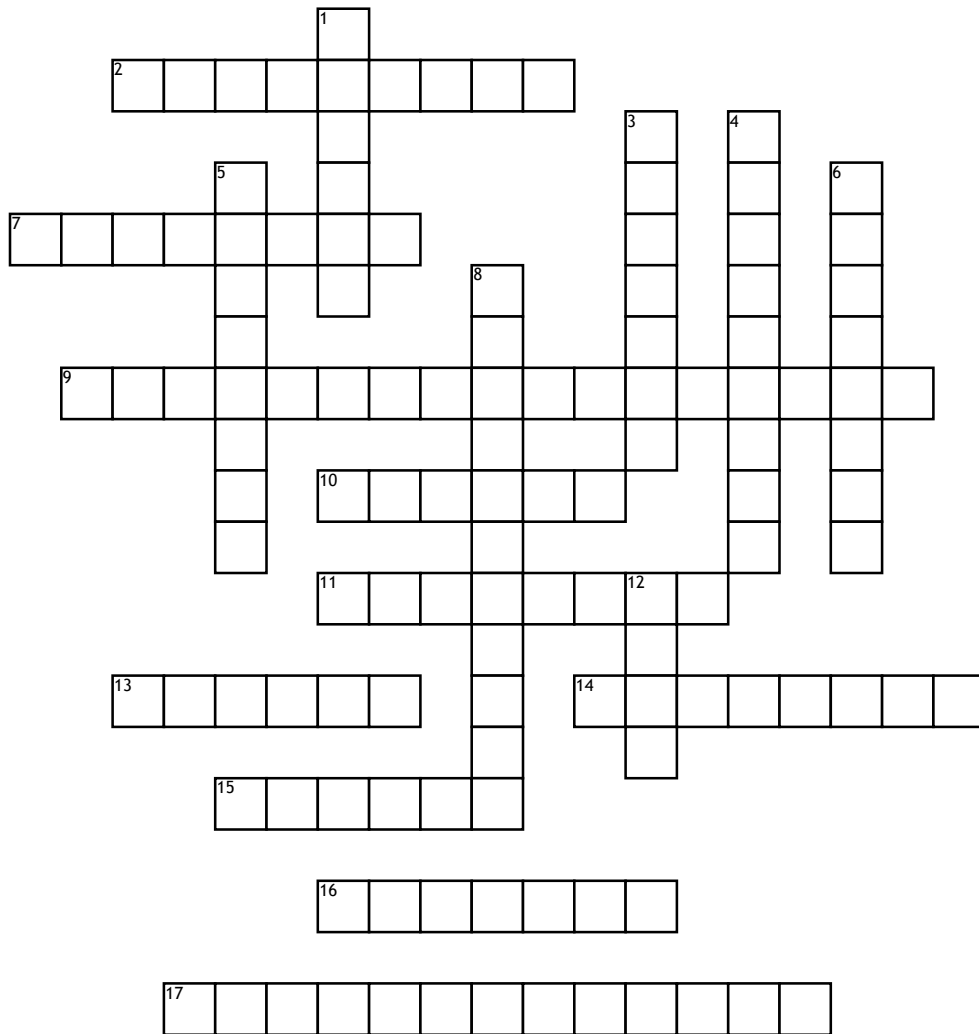


Electricity and Magnetism



Across

2. materials that do not allow electricity to pass through
 7. provided more than one path for electricity to flow: _____ circuit
 9. transfer of electrons
 10. controls the flow of electricity
 11. a device that slows down the flow of electricity
 13. a positively charged particle in an atom
 14. having more electrons than protons: _____ charge

Word Bank

- | | | | | |
|-------------|--------------------|----------|-----------|----------|
| electricity | series circuit | battery | electron | compass |
| switch | open | closed | insulator | positive |
| proton | static electricity | parallel | conductor | resistor |
| energy | negative | | | |

15. the capacity for doing work (may be electrical, mechanical, chemical, thermal, or nuclear)
 16. an instrument with a rotating magnetic needle
 17. there is only one path for electricity to flow: _____ circuit
- ## Down
1. when electric current flows from the battery, through a device, and back to the battery: _____ circuit

3. turns chemical energy into electrical energy
 4. anything that allows electric current to pass through easily
 5. a negatively charged particle in an atom
 6. having more protons than electrons: _____ charge
 8. moving electrons
 12. an incomplete path that electricity cannot flow through: _____ circuit