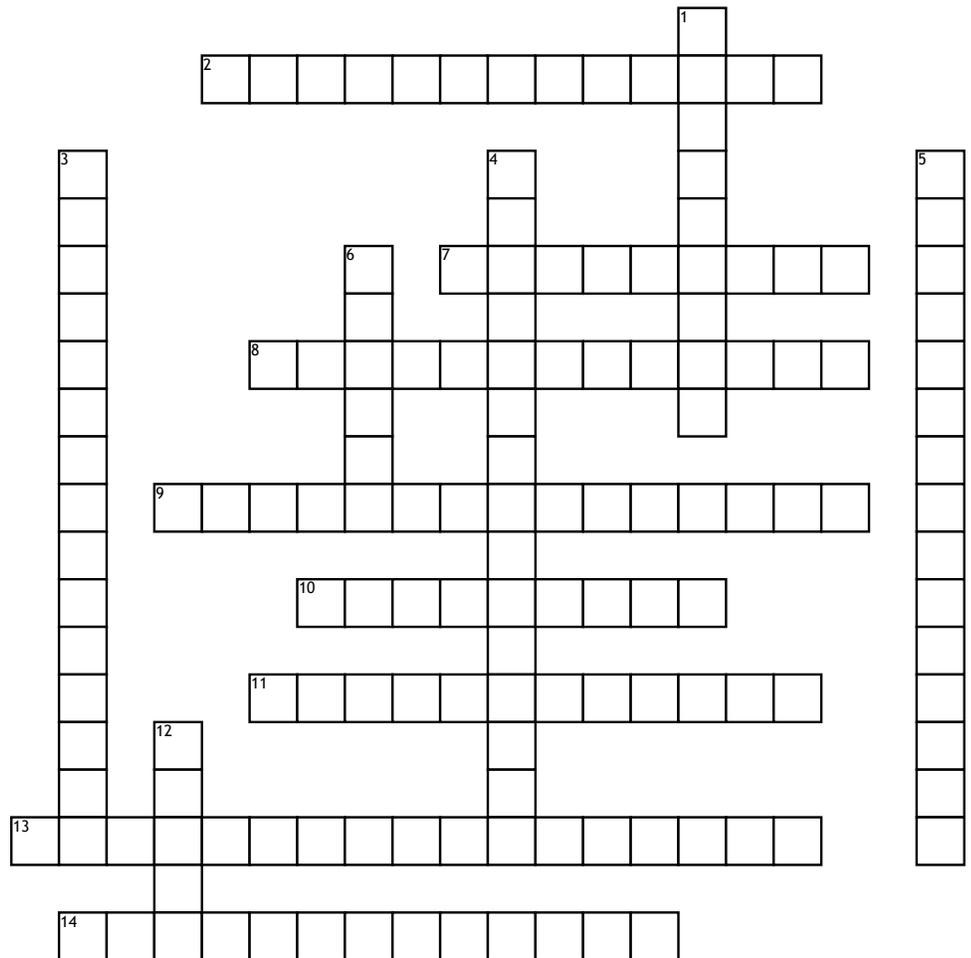
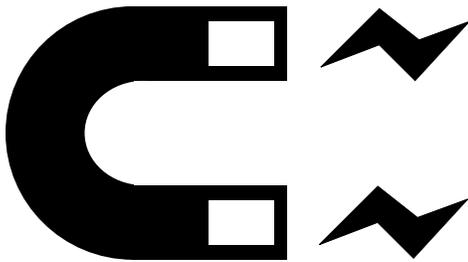


# Electricity and Magnetism



## Across

2. a temporary magnet that uses electricity to produce magnetism
7. a device that uses magnetism to convert energy of motion into electrical energy
8. the two areas on a magnet where the magnetic force is greatest
9. the pathway that an electric current follows
10. material that can carry electricity or heat

11. a device that turns chemical energy into electrical energy

13. an electric charge that builds up on a material

14. a circuit in which the parts are connected so that the electric current passes through each part along a single pathway

## Down

1. material that resist the flow of electricity or heat

3. a circuit in which parts are connected so that the electric current passes along more than one pathway

4. a continuous flow of electric charges

5. tiny particles that carry units of electricity

6. an object that attracts iron and certain other materials

12. a device that changes electrical energy into energy of motion