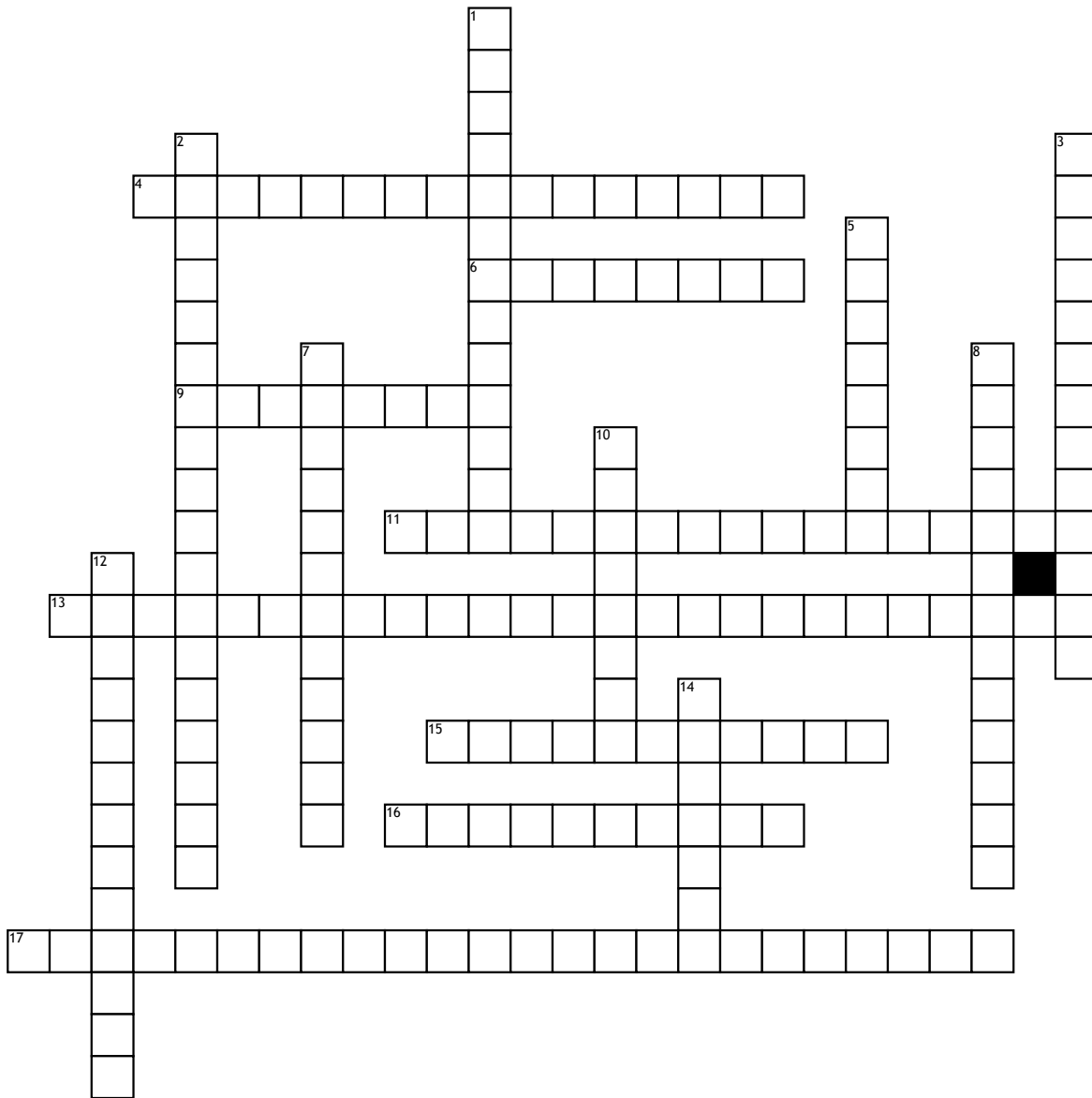


lesson 5 science vocab



Across

4. the interaction between electricity and magnetism
 6. a coil of wire with an electric current
 9. a coil or loop of wire in a simple motor
 11. device that converts mechanical energy into electrical energy
 13. a material in which charges can move freely
 15. device that increases or decreases the voltage of alternating current

16. a device that reverses the direction of the current in a wire

17. this uses electromagnets and radio waves to see inside the body

Down

1. this magnet always points north because of Earth's magnetic field
 2. an electric current that reverses its direction many times a second
 3. an electric current flowing in one direction only

5. this makes a solenoid into an electromagnet

7. a device that measures the strength and direction of an electric current in a wire

8. a device that converts electrical energy into mechanical energy

10. turns magnets inside coils of wire

12. acts as a magnet when an electric current is in the coil

14. amount of work to move a unit of electric charge