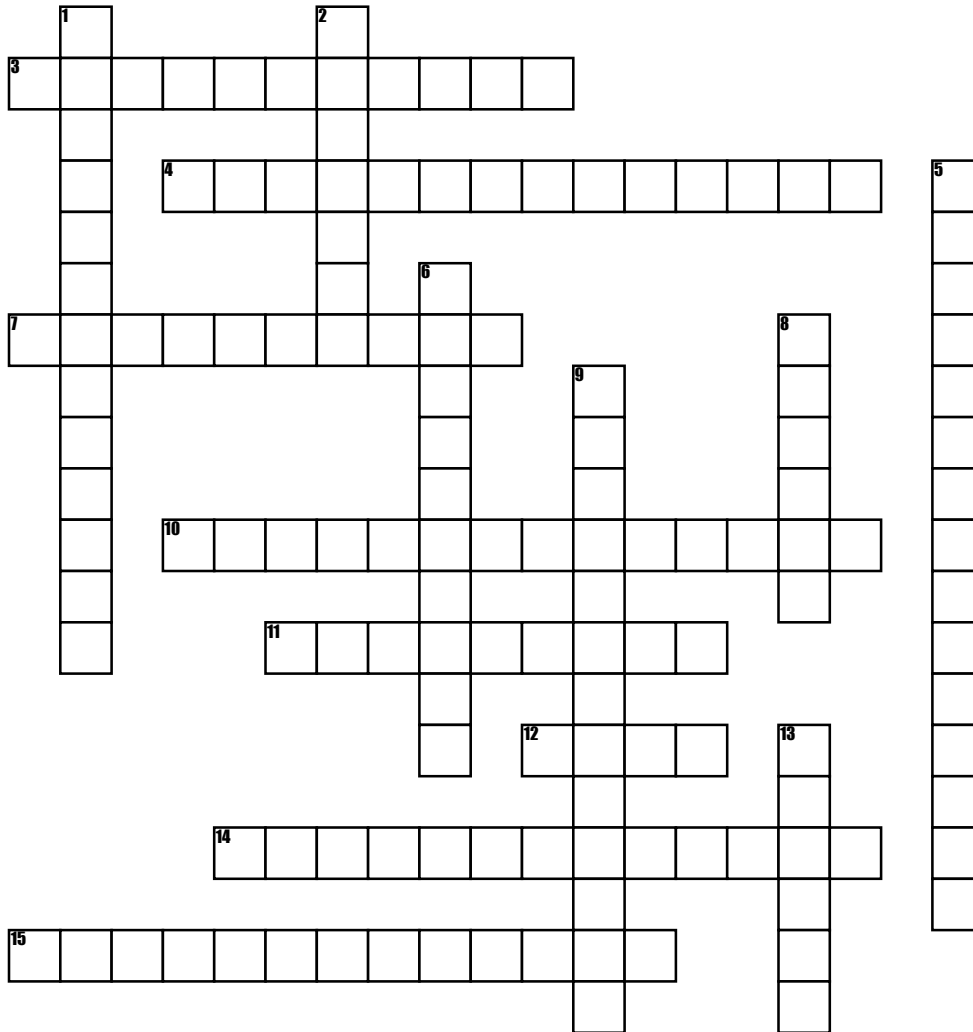


# Energy



**Across**

- 3.** Interaction of electric charges
- 4.** Movement of electric charge from one place to another
- 7.** Transfer of thermal energy by touch
- 10.** Form of potential energy stored in reactants
- 11.** Transfer of thermal energy as waves

- 12.** Movement or transfer of thermal energy
- 14.** Energy contained in the bonds that hold the protons and neutrons of an atom's nucleus together
- 15.** Kinetic energy of the moving particles of a substance

**Down**

- 1.** Magnet that can be turned on and off at will
- 2.** Connection between the poles of an electric energy source

- 5.** Energy that is due to the position or condition of an object
- 6.** Transfer of thermal energy through fluids
- 8.** Ability to cause changes in matter
- 9.** Energy of motion
- 13.** Substance in which all the domains are aligned in the same direction

**Word Bank**

- |                  |             |                 |                |                 |
|------------------|-------------|-----------------|----------------|-----------------|
| Energy           | Radiation   | Heat            | Circuit        | Electromagnet   |
| Convection       | Electricity | Kinetic-Energy  | Magnet         | Chemical-Energy |
| Potential-Energy | Conduction  | Electric-Energy | Nuclear-Energy | Thermal-Energy  |