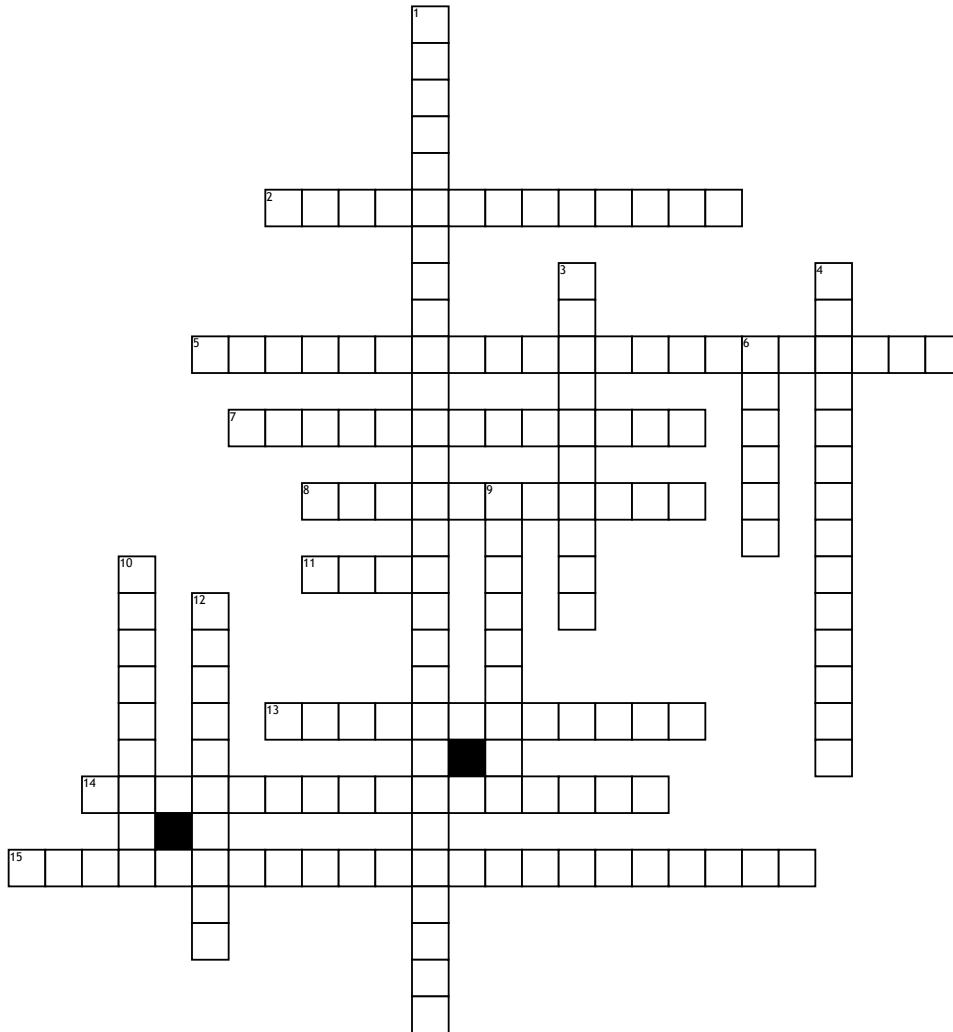


Energy & Heat



Across

2. The energy of moving things
 5. Energy that travels in waves. An example is light
 7. The total energy of the moving particles that make up an object
 8. The average energy of the moving particles that make up an object
 11. Thermal energy moving from one place to another

Word Bank

Thermal Energy
 Temperature
 Energy
 Radiation
 Heat

13. Specific heat A measurement that tells you how much energy is needed to raise the temperature of a material.
 14. The energy of electric charges
 15. The energy stored in something when it is bent or stretched

Down

1. The energy stored in something when it is lifted up

3. The transfer of thermal energy through the movement of a liquid or gas
 4. Potential energy stored in the chemical bonds of materials
 6. The ability to move things or change things
 9. The transfer of thermal energy through thermal emission.
 10. The tiny bits of matter that make up a material or object
 12. The transfer of thermal energy through direct contact

Conduction
 Particles
 Convection
 Chemical Energy
 Elastic Potential Energy

Gravitational Potential Energy
 Kinetic Energy
 Specific Heat
 Electromagnetic Energy
 Electrical Energy