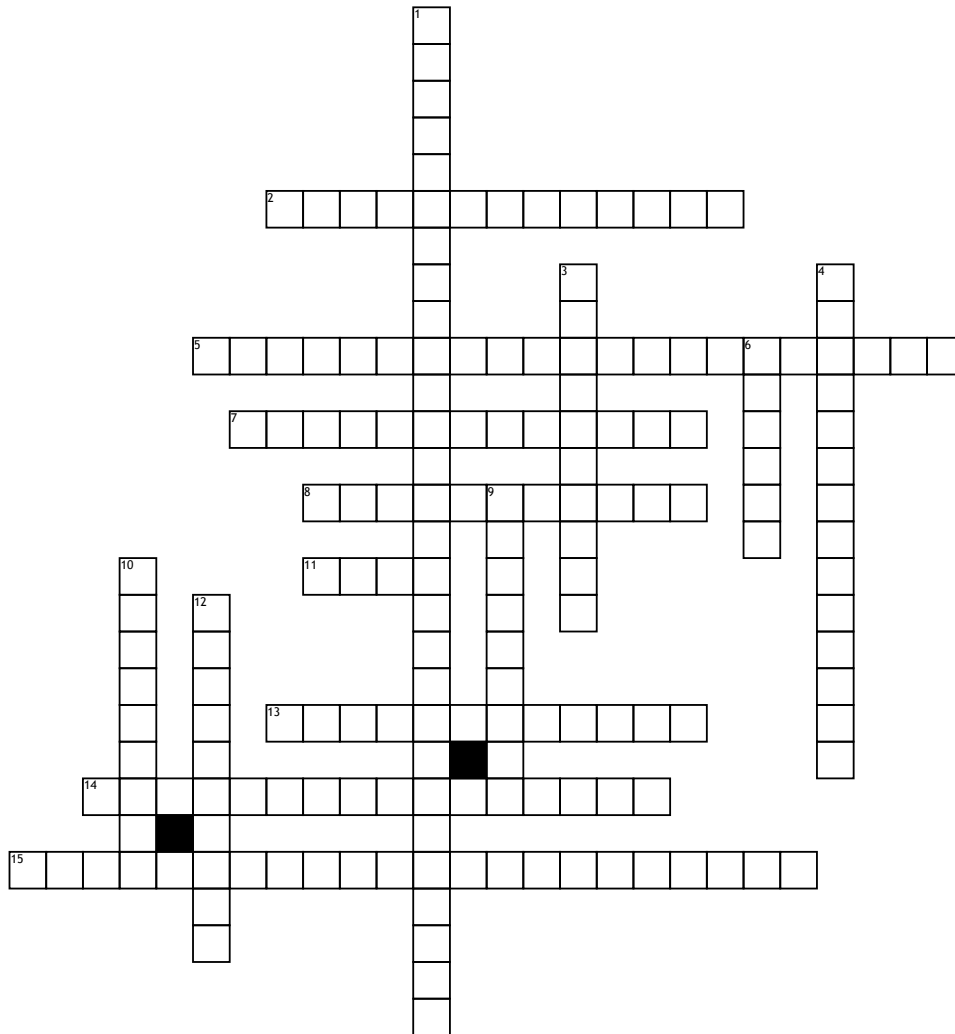


Name: _____

Date: _____

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

Energy
 Elastic Potential Energy
 Electromagnetic Energy
 Temperature
 Conduction

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

Kinetic Energy
 Electrical Energy
 Particles
 Heat
 Convection

Gravitational Potential Energy
 Chemical Energy
 Thermal Energy
 Specific Heat
 Radiation