

Vocabulary Word	Actual Definition	Example/Picture
1. Energy	The ability to do work. The two main types of energy and kinetic and potential.	
2. Kinetic Energy	Energy of matter in motion.	Rolling a Bowling Ball
3. Potential Energy	Energy an object has because of its position.	Object at the top of a roller coaster.
4. Chemical Energy	Internal energy stored in the chemical bonds between atoms.	
5. Thermal Energy	The total energy of all particles in an object.	
6. Mechanical Energy	The sum of the potential and kinetic energy. Energy associated with the movement and position of an object.	
7. Conservation of Energy	A principle stating that energy cannot be created or destroyed, but can be altered from one form to another.	
8. Electromagnetic Energy	Form of energy that travels through space as waves.	Radio Waves, X-Rays
9. Electrical Energy	The energy of electrically charged particles moving from one place to another.	Electrolysis
10. Energy Transfer	Energy transfer refers to the movement of energy from one object or material to another. The main ways that energy transfers includes: radiation, heat conduction, convection, electrical power transmission and mechanical work.	Convection, for instance, entails the movement of currents of warm air.