

Environmental Science Terms

Using the word bank, write the correct term on the line provided.

**constant**  
**Scientific Theory**

**Chemical Formula**

**Kinetic Energy**

**Flows or Throughputs**

\_\_\_\_\_ factors in that are kept the same between the control group and experimental group.

\_\_\_\_\_ Shows the number and types of each atom in a compound.

\_\_\_\_\_ Energy associated with motion. flowing water, moving car, wind, electrons moving.

\_\_\_\_\_ Matter and energy within the system.

\_\_\_\_\_ A well-tested concept that explains a wide range of observations.

**Electromagnetic Radiation**  
**Independent Variable**

**Energy Quality**

**Potential Energy**

**First Law of Thermodynamics**

\_\_\_\_\_ Energy travels in the form of a wave as a result of changes in electrical and magnetic fields.

\_\_\_\_\_ Measure of the capacity of a type of energy to do useful work.

\_\_\_\_\_ Stored energy and potentially available for use.

\_\_\_\_\_ The experimental factor that is manipulated; the variable whose effect is being studied.

\_\_\_\_\_ Conservation of energy (can't be created or destroyed)