

Environmental Science Terms

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

constant **Chemical Formula** **Kinetic Energy** **Flows or Throughputs**
Scientific Theory

_____ **constant** _____ factors in that are kept the same between the control group and experimental group.

_____ **Chemical Formula** _____ Shows the number and types of each atom in a compound.

_____ **Kinetic Energy** _____ Energy associated with motion. flowing water, moving car, wind, electrons moving.

_____ **Flows or Throughputs** _____ Matter and energy within the system.

_____ **Scientific Theory** _____ A well-tested concept that explains a wide range of observations.

Electromagnetic Radiation **Energy Quality** **Potential Energy**
Independent Variable **First Law of Thermodynamics**

_____ **Electromagnetic Radiation** _____ Energy travels in the form of a wave as a result of changes in electrical and magnetic fields.

_____ **Energy Quality** _____ Measure of the capacity of a type of energy to do useful work.

_____ **Potential Energy** _____ Stored energy and potentially available for use.

_____ **Independent Variable** _____ The experimental factor that is manipulated; the variable whose effect is being studied.

_____ **First Law of Thermodynamics** _____ Conservation of energy (can't be created or destroyed)