

Environmental Science Terms

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

Chemical Formula Electromagnetic Radiation First Law of Thermodynamics constant
Potential Energy Flows or Throughputs Energy Quality Kinetic Energy Independent Variable
Inputs Scientific Theory mass number

<u>constant</u>	Factors in that are kept the same between the control group and experimental group.
<u>Chemical Formula</u>	Shows the number and types of each atom in a compound.
<u>Kinetic Energy</u>	Energy associated with motion. flowing water, moving car, wind, electrons moving.
<u>Flows or Throughputs</u>	Matter and energy within the system.
<u>Scientific Theory</u>	A well-tested concept that explains a wide range of Observations.
<u>Electromagnetic Radiation</u>	Energy travels in the form of a wave as a result of changes in electrical and magnetic fields.
<u>Energy Quality</u>	Measure of the capacity of a type of energy to do useful work.
<u>Potential Energy</u>	Stored energy and potentially available for use.
<u>Independent Variable</u>	The experimental factor that is manipulated; the item whose effect is being studied.
<u>First Law of Thermodynamics</u>	Conservation of energy (can't be created or destroyed)