***Energy Unit Study Guide***

Define and give an example of:

* Kinetic energy
* Potential energy
* Chemical energy
* Gravitational potential energy
* Elastic energy
* Electromagnetic energy
* Mechanical energy (1st definition \*formula\*)
* Mechanical energy (2nd definition)
* Nuclear energy
* Solar energy
* Thermal energy

Define the law of conservation of energy

What is the unit of measure for energy?

Define and give an example of:

* Radiation
* Conduction
* Convection

What happens to matter as it is heated?

What happens to cool air? What happens to warm air? Which is more dense?