Study Guide energy

Know definitions and (if applicable) equations for the following

Energy

Potential energy

Kinetic energy

Total Mechanical energy

Law of conservation of energy

Efficiency

Types of kinetic energy

1. kinetic mechanical (energy of anything that is moving like wind or a person running)
2. electrical
3. thermal
4. sound
5. light

Types of potential energy

1. gravitational
2. elastic
3. chemical
4. nuclear

Know how spot multiple conversions and identify the different energies involved

Know the difference between renewable and nonrenewable resources

Know the types of renewable and nonrenewable resources and the energy conversions associated with them