Energy & Pollution
Study Guide

Define:

Energy:

Law of Conservation of Energy:

Kinetic Energy:

Potential Energy:

Thermal Energy:

Electrical Energy:

Nuclear Energy:

Motion:

Renewable Resource:

Nonrenewable Resource:

Fossil Fuels:

Coal:

Natural Gas:

Petroleum:

Geothermal:

Hydropower:

Solar:

Leach:
Contaminants:
Pollutant:
Wetlands:
DDT's:
Nonpoint Source Pollution:
Natural Resource:
Sediment:
Watershed:
Buffer:

Short Answer:
What does OPEC stand for?
The amount of energy Americans use each day is equivalent to _____ gallons of gasoline.
What source does most energy consumption come from?
What energy source produces most electricity in the U.S.?
The lower the protons in a liquid, the _________ the solution.
The human body is _____% to _____% efficient.

True or False:
Most energy transformations are very efficient.
Electricity is a secondary source of energy.
Water is often found pure in nature.
Nature and people are two main causes of water pollution.
Our Earth is described as a 'closed system' because there is no way for pollution to escape.

*You will need to know and understand the pH scale!