

Topic/Objectives: 17-1 Energy; (1) Define energy and differentiate between kinetic and potential energy; (2) identify different forms of energy; (3) describe how human society uses energy sources.	Name:
	Date:
	Period:

Essential Question: What is energy and how is it used?

Questions:	Notes:
	WHAT IS ENERGY? Energy is the ability to do work. <ul style="list-style-type: none"> ◦ _____ is energy in motion, the energy that an object has due to its motion. ◦ _____ is energy to come, the energy that an object has due to its position or shape. ◦ Energy comes in many forms that can be converted from one form to another. ◦ Forms of energy include: mechanical, electrical, thermal, chemical, nuclear, and _____.
	SOURCES AND USES OF ENERGY <ul style="list-style-type: none"> ◦ _____ refers to the amount of energy put into a system that actually does work. ◦ Human society uses _____ and _____ : _____ energy resources in industry, transportation, commerce and residence. ◦ Renewable energy are nearly _____ available somewhere on the Earth’s surface (sun, wind, moving water, wood, and geothermal) ◦ Non-renewable energy _____ be replaced (fossil fuels, nuclear energy).

Summary: