

Heat Sources in the Environment

KEY QUESTION: What are the relationships between heat, energy sources, and the environment?

Looking Ahead

- There are different types of energy and different sources of energy.
- Technological devices allow us to transform one type of energy into another.
- The human production of greenhouse gases is causing changes in global climate.
- There are significant advantages and disadvantages to using conventional and alternative energy sources.
- The choices we make in everyday life significantly affect the environment.
- The skills of scientific inquiry can be used to investigate conventional and alternative energy sources.

VOCABULARY

solar energy	Earth's energy balance
friction	greenhouse effect
conventional energy source	greenhouse gases
renewable energy resource	global warming
non-renewable energy resource	alternative energy source
fossil fuels	passive solar heating
	active solar energy system