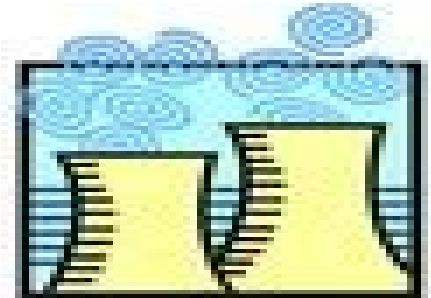


8th Grade Physical Science Study Guide Energy



What is Energy?

The ability to do work or cause change

What is work?

When a force causes an object to move in the direction of the force.

One day Bob was speaking to his brother and asked, "What will happen when we use all of the energy we have?" His brother replied "We simply make more."

Explain why Bob and his brother are both incorrect. (Make sure to name the law(s)).

Law of Conservation of Energy

Energy is measured in _____ (units) _____.

Power _____ is the rate at which energy is transferred or the amount of energy transferred in a unit of time.

What are the two basic types of energy and how are they defined?

- 1) Potential – Stored energy that results from a position or shape of an object.
- 2) Kinetic – Energy of motion

Physical Science Guided Study Energy Answers

Clifford Lane



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