**Chapter 3 Energy and Energy Transfer**

**Key Terms and Questions**

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**Read Stemscopedia:** Forms and Uses of Energy

Conservation of Energy

**Key Terms:**

Energy

Sound energy

Light energy

Mechanical energy

Chemical energy

Electrical energy

Heat energy

Potential energy

Kinetic energy

**Key Questions**

What is the Law of conservation of energy?

How is a pendulum evidence of the Law of Conservation of energy?

What is an example of an electrical to light energy transformation?

What is an example of a mechanical to heat energy?

How are potential energy and kinetic energy related?