

Notes- Potential & Kinetic Energy

What is Energy?

- Energy is the ability to do _____.

- Work is done when a _____ causes something to move.

Two Types of Energy

1. Kinetic Energy

- The energy of a _____ object due to its motion.

- Objects with more _____ and/or speed have more kinetic _____.

Examples of Kinetic Energy

2. Potential Energy

- The _____ energy of an object due to its position.

- Gravitational Potential Energy (GPE) – any object that can _____ has GPE.

- _____ objects have more GPE because they can fall further.

- Objects with more _____ have higher GPE

Examples of Potential Energy

Kinetic Vs. Potential Energy

- Kinetic energy can be _____ to potential energy and then back again depending on the object's _____ and _____.