



Science Newsletter



Week of: December 11th – December 15th

Sections 3A, B, C, D, E Home Learning

VOCABULARY WORDS:

Energy

Potential energy

Kinetic energy

Mechanical energy

Electrical energy

Light Energy

Thermal energy

Sound energy

Conductor

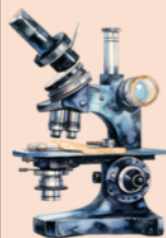
Insulator

Joule

Conduction

Convection

Radiation



HOMEWORK DIRECTIONS:

- Define the two major types of mechanical energy.
- Compare kinetic and potential energy.
- Review vocabulary.

Quizlet Vocabulary



Reminders:

- iPads need to be in class and fully charged every day.
- **Energy vocabulary quiz: Types of energy. - Thursday December 14th**

Name: _____

Date: _____

Kinetic and Potential Energy Homework (Version 1)

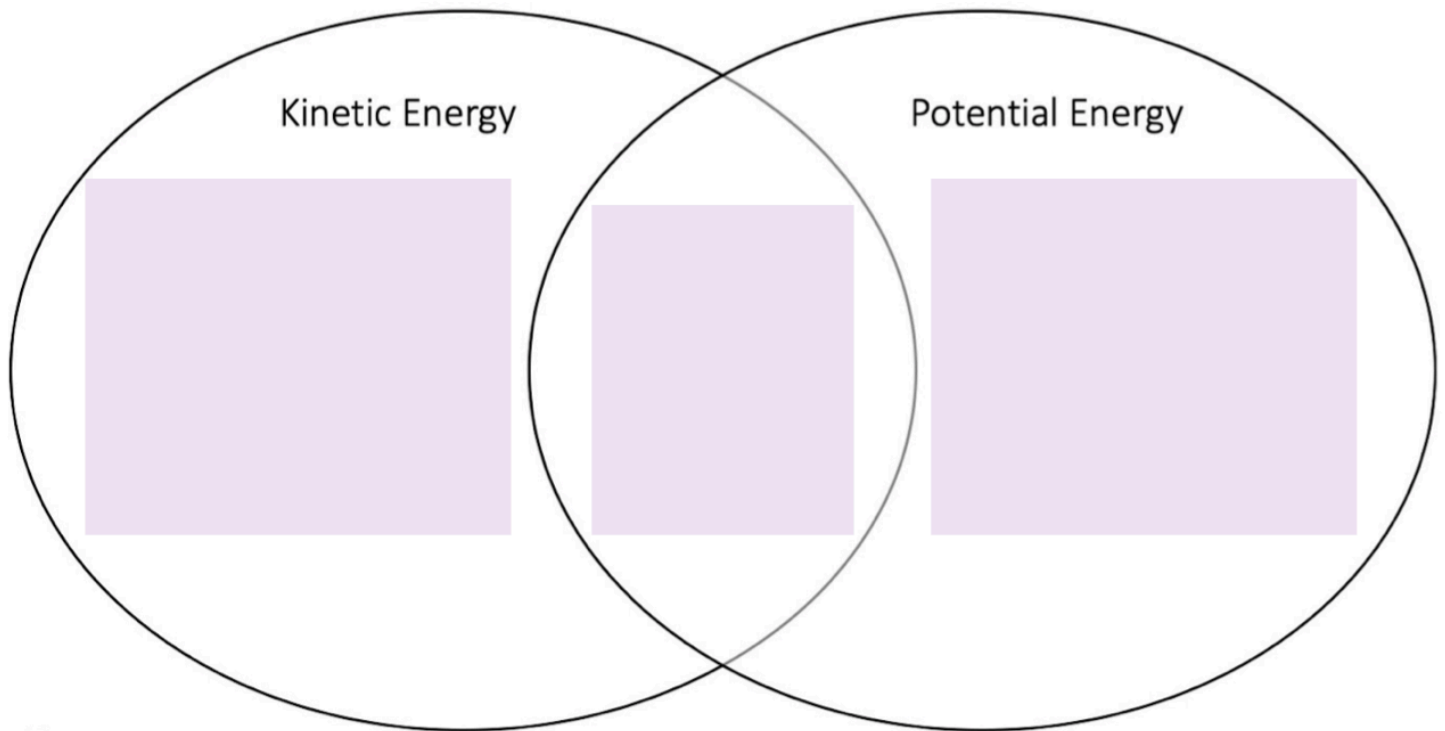
Task 1

Directions: Define the two major types of mechanical energy.

Energy	Definition
Kinetic Energy	
Potential Energy	

Task 2

Directions: Use the Venn diagram to compare kinetic and potential energy. Consider the factors that determine how much KE or PE an object has.



Task 3

Do you think it's possible for an object to have both kinetic and potential energy? Justify your answer.