

Classifying Potential and Kinetic Energy

Directions: write the examples in the box with the label of the type of energy used.

Name:
Date:
Class:

- 1. a car driving down a hill
- 2. a roller coaster on the top of the hill
- 3. a cat chasing a mouse
- 4. a boulder on the edge of a cliff
- 5. a ball in a pitcher's mitt
- 6. a bird flying
- 7. a wiper on a sleet
- 8. a book on a table
- 9. a marble rolling down a ramp
- 10. a horse rearing another horse
- 11. a jet plane flying
- 12. a bungee jumper at the top of a bridge

Potential	Kinetic

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Classifying Potential Or Kinetic Energy Answer Key

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Classifying Potential Or Kinetic Energy

Kinetic energy is energy possessed by a body by virtue of its movement. Potential energy is the energy possessed by a body by virtue of its position or state. While kinetic energy of an object is relative to the state of other objects in its environment, potential energy is completely independent of its environment. Hence the acceleration of an object is not evident in the movement of one object, where other objects in the same environment are also in motion. For example, a bullet whizzing ...

Kinetic and Potential Energy - Difference and Comparison ...

Kinetic energy refers to the energy present in the object due to the motion of a body: Potential energy refers to the energy present in an object due to its position: $K.E = (1/2)mv^2$ where m is mass and v is speed: $P.E = mgh$ where m is mass, g is gravity and h is height. 5.

Kinetic and Potential Energy: Examples and Differences ...

Potential energy is a form of energy that results from an object's position or arrangement of parts. It is stored energy that can become kinetic energy. It includes potential electrical, chemical, and nuclear energy. The measurement of potential energy in an object is calculated based on the object's mass and its height or distance.

Kinetic energy vs. Potential energy - Softschools.com

The total energy within the system is equal to the potential energy plus the kinetic energy as energy is conserved. What have we learnt so far? Potential energy is the energy that an object has because of its position in a system.

Potential energy | Potential and kinetic energy | Siyavula

Link 6.2 Potential and Kinetic Energy builds on 6.1 that identified the form of energy. Further classification of energy is done in 6.2 by identifying when the energy is potential (stored or the ability to do work) or when the energy is in kinetic (in motion or doing work).

6.2 Potential & Kinetic Energy - Science Matters

Offering examples of potential and kinetic energy is a good strategy for helping students grasp these concepts. Download to read more. Differentiation. Enrichment: Ask your students to think about their after-school routine. Tell them to list five actions they take between the end of school and bedtime. Remind them to include whether they used potential or kinetic in each action. Support: Ask ...

Potential And Kinetic Energy | Lesson Plan | Education.com ...

• Energy is the ability to do work. • All forms of energy fall under 2 categories: Kinetic or Potential • Potential = stored • Kinetic = moving • Energy cannot be created or

destroyed. • Energy is always being transformed.

What is energy? - Banks Trail Middle School

ENERGY Potential and Kinetic Energy. 10 terms. Potential and Kinetic Energy Pictures. OTHER SETS BY THIS CREATOR. 10 terms. Christmas Carol Quotes Stave 5. 13 terms. Science Test Chapter 13. 27 terms. Vocabulary Lists 6-10. 13 terms. A Christmas Carol Vocabulary List 2. THIS SET IS OFTEN IN FOLDERS WITH... 6 terms. Tools. 4 terms. Fronts. 13 terms . Important Questions. 11 terms. Earth and Sun ...

Examples of potential and kinetic energy Flashcards | Quizlet

Actually, as someone pointed out in the comments, potential/kinetic classification is the only meaningful classification in physics. Potential energy is the energy which comes from interaction, and kinetic energy is the energy which comes from motion. Maybe you stumbled upon terms like chemical energy, thermal energy and so on.

Basic Classification of Energy - Physics Stack Exchange

The Energy in a Substance due to the Kinetic Energy of all its Atoms or Molecules. All Substances have Heat Energy due to the Movement of their Molecules. (example: A Burning Candle)

Science|Classifying Energy|Review Flashcards | Quizlet

Kinetic and Potential Energy Worksheet Classify the following as a type of potential energy or kinetic energy (use the letters K or P) 1. A bicyclist pedaling up a hill K 2. An archer with his bow drawn P 3. A volleyball player spiking a ball K 4. A baseball thrown to second base K 5. The chemical bonds in sugar P 6. The wind blowing through your hair K 7.

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This is the Interactive Notes document that goes along with my "Energy, Kinetic Energy, Potential Energy, and Types of Energy PowerPoint" It can also stand alone as its own fill in the blank style worksheet if you want. This document makes it easy to have the students follow along with the PowerPo. Subjects: Science, General Science. Grades: 4 th, 5 th, 6 th, 7 th, 8 th. Types: Other, Handouts ...

Potential Energy And Kinetic Energy Worksheet | Teachers ...

Potential or Kinetic Energy Sort - Potential or Kinetic Energy Sort - Potential Energy Types - Potential or Kinetic Energy Sort

Potential energy - Teaching resources

Before it falls it has gravitational potential energy. While it falls, the potential energy gets converted to kinetic energy. Part of this gets dissipated by friction - mainly converted to heat.

What sort of energy does a book have if it falls off a ...

Potential and Kinetic Energy Use this activity to help students learn the difference between potential and kinetic energy. The provided lesson plan gives your steps for walking students through the activity, important key words students need to know, and how to modify the activity for your different student demographics in the classroom.

Potential and Kinetic Energy Printable (5th - 6th Grade ...

Name Date Energy of One Kind or Another Scientists classify all energy as kinetic energy or potential energy. At any given time, energy is being stored as potential energy or it is being given off as kinetic energy. The actions of a roller coaster can show how objects move from one type of energy to another.

Scanned Document - Mrs Sterle-Contala's Website

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