Name	Date	

## Classifying Potential or Kinetic Energy

Various forms of energy can be classified as being either a potential energy source or a kinetic energy source. Classify the phrases in the word box as examples of potential or kinetic energy,

standing at the top of a slide wind up for the pitch juice in an orange move downhill in a roller coaster roll down a grassy hill an unburned lump of coal throw a curve ball a battery frog leaping into the water book falls from a high shelf move down a slide frog sitting on a lily pad book on a high shelf a speeding car execute a swan dive a parked car

Potential Energy	Kinetic Energy
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## **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. Use the terms in the word box to label the diagram.

electrical energy mechanical energy most kinetic energy

potential energy changing to kinetic energy most potential energy thermal energy

