

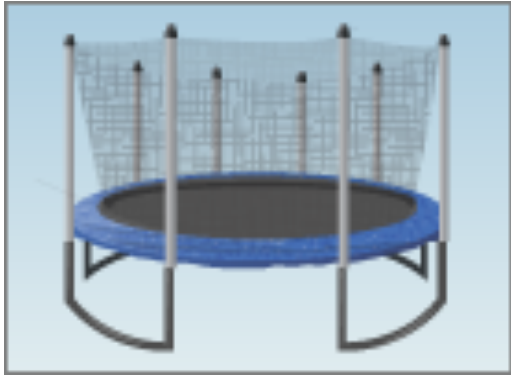


Energy in Action

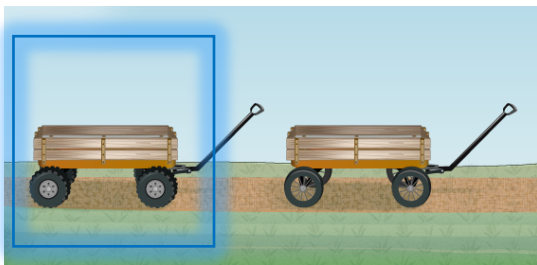
Vocabulary Building

Directions: After students have completed *Energy in Action*, review key scientific vocabulary with them. Consider adding a word wall to the classroom with these terms, definitions, and examples so students have the opportunity to become familiar with them. The example sentences and graphic supports are provided at the back of this packet.

Term	Definition	Example
trampoline	a sheet of strong canvas attached to a frame by springs. Trampolines are used for jumping and tumbling	<i>The boy jumped on the trampoline.</i>
friction	the resistance of a surface to motion, as of an object sliding or rolling over it	<i>A wagon with larger wheels will have more friction between the ground and the wagon's tires, so it will be more difficult to pull.</i>
force	an influence on the shape, motion, or other characteristics of a body or system	<i>The force of a finger can knock down dominoes.</i>
elastic energy	a type of energy in which energy is stored when materials stretch or compress	<i>Many objects are designed to store elastic energy such as a coil spring.</i>
sound energy	the energy produced by vibrating matter	<i>A horn transmits sound energy when someone blows in it.</i>
pole vault	an athletic event in which a person uses a long pole to leap over a bar set high above the ground	<i>The pole vault is an event at the Olympics.</i>
bowling	a game in which a heavy ball is rolled along a wooden alley toward wooden pins that stand at the far end	<i>Bowling was a very popular team sport in the 1950s.</i>



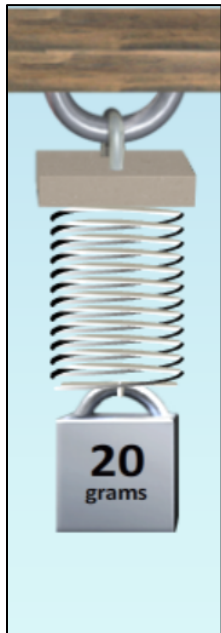
The boy jumped on the **trampoline**.



A wagon with larger wheels will have more **friction** between the ground and the wagon's tires, so it will be more difficult to pull.



The **force** of a finger can knock down dominoes.



Many objects are designed to store **elastic energy** such as a coil spring.



A horn transmits **sound energy** when someone blows in it



The **pole vault** is an event at the Olympics.



Bowling was a very popular team sport in the 1950s.