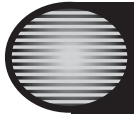



**Section 2 ■ Conservation  
 of Energy**

**Directions:** Write the term that matches each description below on the spaces provided. The boxed letters should spell the answer to question 9.

1	M									
		O								
		2	U							R
			S							
		3	L		C					
		4	F							
			V							
		5	C							
			T							
		6	L							
		7	P							
		8	K							

- Type of energy due to both the position and motion of an object
- Type of reaction in which mass is transformed into energy
- Type of energy transformed into thermal energy in a toaster
- Force that acts between two sticks when they are rubbed together
- Unit used to measure the amount of energy that people get from food
- Type of energy transformed into chemical energy by plants
- Type of energy that is greatest at the top of a swing's path
- Type of energy that is greatest at the bottom of a swing's path
- What law of energy has never been broken? \_\_\_\_\_



Directed Reading for  
Content Mastery

**Key Terms**  
**Energy**

**Directions:** *Unscramble the terms in italics to complete the sentences below. Write the terms on the lines provided, then find the terms in the word search puzzle below.*

- \_\_\_\_\_ 1. The stored energy an object has as a result of its height above the ground is *aaagiilnrottv* potential energy.
- \_\_\_\_\_ 2. The law of *aceinnoorstv* of energy states that the total amount of energy in the universe remains the same.
- \_\_\_\_\_ 3. Energy is measured in SI units called *ejlosu*.
- \_\_\_\_\_ 4. The energy stored in the bonds between atoms is *accehilm* potential energy.
- \_\_\_\_\_ 5. The stored energy an object has as a result of its position is *aeilnoptt* energy.
- \_\_\_\_\_ 6. Energy in the form of motion is *ceiiknt* energy.
- \_\_\_\_\_ 7. An object's *aaccehilmn* energy is its total amount of potential and kinetic energy.
- \_\_\_\_\_ 8. The energy stored in stretched or compressed objects is *aceilst* potential energy.

A G T C S E C H E M I C A L E M I Y H  
 P O T E N T I A L S U T F N O Z I J O  
 B X U A V F G R A V I T A T I O N A L  
 L D K N W O V C S R J U L T D P W J K  
 Y C I L M K K O T B O R M W L V X P Y  
 E D N E R X N B I I U Q X D P G L H U  
 Z M E C H A N I C A L V N C H K G Q J  
 J F T Q P K P W J O E Y G B S D M I R  
 G F I L B C A C O N S E R V A T I O N  
 I A C H E M F I E A Z I Z A N O S H Q