

## Chapter 5

Use with Section 1

## REINFORCEMENT

## ● Energy and How It Changes

Use the following key to decode the sentences below. In the key, each code letter appears directly beneath the alphabet letter it stands for. Decode the sentences by writing the correct letter above each code letter, then read each sentence aloud.

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

1. \_\_\_\_\_

QVQYAP RW HMQ DJRTRHP HN FMDVAQ HMRVAW.

2. \_\_\_\_\_

NJBQFHW RV CNHRNV MDXQ URVQHRF QVQYAP.

3. \_\_\_\_\_

QVQYAP FDVVNH JQ FYQDHQO NY OQWHYNPQO, NVTP HYDVWKNYCQO  
KYNC NVQ KNYC HN DVNHMQY.

4. \_\_\_\_\_

INHQVHRDT QVQYAP FNCQW KYNC INWRHRNV NY FNVORHRNV.

Write what energy transformations are taking place in each of the following examples.

5. burning match \_\_\_\_\_

6. radio \_\_\_\_\_

7. walking \_\_\_\_\_

8. solar panels on a space satellite \_\_\_\_\_

Answer the following questions.

9. How can you increase the amount of kinetic energy in a small ball of clay you are throwing to a friend? \_\_\_\_\_

10. How can you increase the amount of potential energy in a book sitting on a bookshelf? \_\_\_\_\_