

Chapter 7

Use with Section 1

REINFORCEMENT

● Energy 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?

