

# Section 1 ■ Energy Changes

## Schedule

Block Schedule: 1.5 sessions (■ denotes activities recommended for block schedule.)

Single Periods: 3 sessions

## Objectives

1. Explain what energy is.
2. Describe the forms energy takes.
3. Compare and contrast potential energy and kinetic energy.

### National Standards

UCP3, A1, B3

## Motivate

- \_\_\_\_\_ Explore Activity, p. 587
- \_\_\_\_\_ Before You Read, p. 587 (Foldables, p. 15, **CRB**)
- \_\_\_\_\_ Section Focus Transparency 1, **TCR** (Transparency Master and Study Guide, p. 42, **CRB**)

## Teach

- \_\_\_\_\_ Content Background, pp. 586E–586F, **TWE**
- \_\_\_\_\_ Life Science Integration, p. 590
- \_\_\_\_\_ Visual Learning, pp. 590, 591, 592, **TWE**
- \_\_\_\_\_ Activity, pp. 590, 591, **TWE**
- \_\_\_\_\_ Discussion, pp. 592, 593, **TWE**
- \_\_\_\_\_ Quick Demo, pp. 592, 594, **TWE**
- \_\_\_\_\_ MiniLAB: Comparing Kinetic Energy and Height, p. 593 (MiniLAB Worksheet, p. 3, **CRB**)
- \_\_\_\_\_ Science Online, p. 594
- \_\_\_\_\_ Inclusion Strategies, p. 594, **TWE**
- \_\_\_\_\_ Content Outline for Teaching, Section 1 (Note-taking Worksheet, pp. 31–32, **CRB**)
- \_\_\_\_\_ Teaching Transparency, **TCR** (Transparency Master and Study Guide, pp. 45–46, **CRB**)
- \_\_\_\_\_ Home and Community Involvement, p. 38, **TCR**
- \_\_\_\_\_ Spanish Resources, Section 1, **CRB**

## Assess

- \_\_\_\_\_ Section Assessment, p. 595
- \_\_\_\_\_ Skill Builder Activities, p. 595
- \_\_\_\_\_ Performance Assessment in the Science Classroom, pp. 89, 127, 141, **TCR**

## Reteach/Reinforce

- \_\_\_\_\_ Directed Reading for Content Mastery, pp. 17, 18, **CRB**
- \_\_\_\_\_ Spanish Directed Reading for Content Mastery, pp. 21, 22, **CRB**
- \_\_\_\_\_ Reinforcement, p. 25, **CRB**
- \_\_\_\_\_ Reading and Writing Skill Activities, p. 35, **TCR**

## Enrich/Apply

- \_\_\_\_\_ Enrichment, p. 28, **CRB**
- \_\_\_\_\_ Physical Science Critical Thinking/Problem-Solving, p. 6, **TCR**

## Multimedia Options

- \_\_\_\_\_ Vocabulary Puzzlemaker Software, Ch. 20
- \_\_\_\_\_ Guided Reading Audio Program (English & Spanish), Ch. 20
- \_\_\_\_\_ Using the Internet in the Science Classroom, **TCR**
- \_\_\_\_\_ Science Web site: [science.glencoe.com](http://science.glencoe.com)