

CHAPTER
8

Lesson
Plans

Section 1 ■ What is energy?



Schedule

Block Schedule: 1.5 sessions (■ denotes activities recommended for block schedule.)
Single Periods: 3 sessions

Objectives

1. **Explain** what energy is.
2. **Distinguish** between kinetic energy and potential energy.
3. **Identify** the various forms of energy.

QCC Standards

1, 8.1, 8.2, 14.1, 26, 26.1

Motivate

- _____ Explore Activity, p. 227
- _____ Before You Read, p. 227 (Foldables, p. 15, **CRB**)
- _____ Section Focus Transparency 1, **TCR** (Transparency Master and Study Guide, p. 42, **CRB**)

Teach

- _____ Content Background, pp. 226E–226F, **TWE**
- _____ Science Journal, pp. 226, 231, **TWE**
- _____ Quick Demo, pp. 229, 231, **TWE**
- _____ Curriculum Connection, p. 229, **TWE**
- _____ Visual Learning, p. 230, **TWE**
- _____ Activity, p. 230, **TWE**
- _____ Use Science Words, p. 230, **TWE**
- _____ Teacher FYI, p. 230, **TWE**
- _____ Cultural Diversity, p. 231, **TWE**
- _____ Content Outline for Teaching, Section 1 (Note-taking Worksheet, pp. 31–32, **CRB**)
- _____ Spanish Resources, Section 1, **CRB**

Assess

- _____ Section Assessment, p. 232
- _____ Skill Builder Activities, p. 232
- _____ Performance Assessment in the Science Classroom, pp. 89, 105, **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**

Multimedia Options

- _____ Vocabulary Puzzlemaker Software, Ch. 8
- _____ Guided Reading Audio Program (English & Spanish), Ch. 8
- _____ Interactive CD-ROM, Presentation Builder and Exploration, Ch. 8
- _____ Using the Internet in the Science Classroom, **TCR**
- _____ Science Web site: science.glencoe.com