

CHAPTER
4

**Lesson
Plans**

Section 3 ■ Energy for Life

Schedule

Block Schedule: 2 sessions (■ denotes activities recommended for block schedule.)

Single Periods: 4 sessions

Objectives

- 7. **List** the differences between producers and consumers.
- 8. **Explain** how the processes of photosynthesis and respiration store and release energy.
- 9. **Describe** how cells get energy from glucose through fermentation.

National Standards

UCP1, A1, B3, C1, C4, G1

Motivate

- Section Focus Transparency 3, **TCR** (Transparency Master and Study Guide, p. 44, **CRB**)

Teach

- _____ Activity, p. 114, **TWE**
- _____ Inclusion Strategies, pp. 114, 118, **TWE**
- _____ Chemistry Integration, p. 115
- _____ Use Science Words, p. 115, **TWE**
- _____ Science Online, p. 116
- _____ Discussion, p. 116, **TWE**
- _____ Visual Learning, p. 117, **TWE**
- _____ Quick Demo, p. 117, **TWE**
- Activity: Photosynthesis and Respiration, pp. 118–119 (Activity Worksheet, pp. 7–8, **CRB**)
- _____ Science and Language Arts, pp. 120–121
- _____ Content Outline for Teaching, Section 3 (Note-taking Worksheet, pp. 31–33, **CRB**)
- _____ Laboratory Activity 2, pp. 11–14, **CRB**
- _____ Spanish Resources, Section 3, **CRB**

Assess

- Section Assessment, p. 117
- _____ Skill Builder Activities, p. 117
- _____ Performance Assessment in the Science Classroom, pp. 91, 99, 109, **TCR**

Reteach/Reinforce

- Directed Reading for Content Mastery, pp. 19, 20, **CRB**
- _____ Spanish Directed Reading for Content Mastery, pp. 23, 24, **CRB**
- Reinforcement, p. 27, **CRB**

Enrich/Apply

- _____ Enrichment, p. 30, **CRB**

Chapter Assessment

- Chapter Study Guide, pp. 122–123
- Chapter Review, pp. 35–36, **CRB**
- Chapter Assessment, pp. 124–125
- Chapter Test, pp. 37–40, **CRB**
- Assessment Transparency, **TCR**, (Transparency Master and Study Guide, p. 47, **CRB**)
- _____ Standardized Test Practice by The Princeton Review, pp. 21–24, **TCR**

Multimedia Options

- _____ Vocabulary Puzzlemaker Software, Ch. 4
- _____ Guided Reading Audio Program (English & Spanish), Ch. 4
- _____ MindJogger Videoquiz, Ch. 4
- _____ ExamView Pro Test Bank Software, Ch. 4
- _____ Using the Internet in the Science Classroom, **TCR**
- _____ Science Web site: science.glencoe.com