

**CHAPTER**  
**8**

**Lesson  
Plans**

**Section 3 ■ Sources of Energy**



**Schedule**

Block Schedule: 2 sessions (■ denotes activities recommended for block schedule.)  
Single Periods: 4 sessions

**Objectives**

- 7. **Explain** what renewable, nonrenewable, and alternative resources are.
- 8. **Develop** an awareness that the use of any energy source has positive and negative consequences.

**QCC Standards**

1, 4, 8.2, 26, 26.1, 26.2, 26.3, 26.4, 26.5

**Motivate**

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

**Teach**

- \_\_\_\_\_ Earth Science Integration, p. 242
- \_\_\_\_\_ Science Online, p. 244
- \_\_\_\_\_ Problem-Solving Activity, p. 244
- \_\_\_\_\_ Visual Learning, p. 244, **TWE**
- \_\_\_\_\_ MiniLAB: Building a Solar Collector, p. 245 (MiniLAB Worksheet, p. 4, **CRB**)
- Activity: Energy to Power Your Life, pp. 250–251 (Activity Worksheet, pp. 7–8, **CRB**)
- \_\_\_\_\_ Content Outline for Teaching, Section 3 (Note-taking Worksheet, pp. 31–32, **CRB**)
- Teaching Transparency, **TCR** (Transparency Master and Study Guide, pp. 45–46, **CRB**)
- \_\_\_\_\_ Laboratory Activity 2, pp. 11–13, **CRB**
- \_\_\_\_\_ Home and Community Involvement, p. 26, **TCR**
- \_\_\_\_\_ Spanish Resources, Section 3, **CRB**

**Assess**

- Section Assessment, p. 249
- \_\_\_\_\_ Skill Builder Activities, p. 249
- \_\_\_\_\_ Performance Assessment in the Science Classroom, pp. 91, 111, 135, 149, **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**
- \_\_\_\_\_ Mathematics Skill Activities, p. 37, **TCR**

**Enrich/Apply**

- \_\_\_\_\_ Enrichment, p. 30, **CRB**
- \_\_\_\_\_ Cultural Diversity, p. 45, **TCR**

**Chapter Assessment**

- Chapter Study Guide, pp. 252–253
- Chapter Review, pp. 35–36, **CRB**
- Chapter Assessment, pp. 254–255
- 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. 35–38, **TCR**

**Multimedia Options**

- \_\_\_\_\_ Vocabulary Puzzlemaker Software, Ch. 8
- \_\_\_\_\_ Guided Reading Audio Program (English & Spanish), Ch. 8
- \_\_\_\_\_ MindJogger Videoquiz, Ch. 8
- \_\_\_\_\_ ExamView Pro Test Bank Software, Ch. 8
- \_\_\_\_\_ Interactive CD-ROM, Quiz, Ch. 8
- \_\_\_\_\_ Science Web site: [science.glencoe.com](http://science.glencoe.com)

**TWE = Teacher Wraparound Edition,**  
**CRB = Chapter Resources Booklet, TCR = Teacher Classroom Resources**