

CHAPTER
5

Lesson
Plans

Section 1 ■ Nonrenewable Energy Resources



Schedule

Block Schedule: 1 session (■ denotes activities recommended for block schedule.)
Single Periods: 2 sessions

Objectives

1. **Identify** examples of nonrenewable energy resources.
2. **Describe** the advantages and disadvantages of using fossil fuels.
3. **Explain** the advantages and disadvantages of using nuclear energy.

 **QCC Standards**

1, 4, 5, 5.1, 5.2, 8, 11, 11.1, 12, 12.2, 13, 14, 17.2

Motivate

- _____ Explore Activity, p. 119
- _____ Before You Read, p. 119 (Foldables, p. 17, **CRB**)
- _____ Section Focus Transparency 1, **TCR** (Transparency Master and Study Guide, p. 44, **CRB**)

Teach

- _____ Content Background, pp. 118E–118F, **TWE**
- _____ Life Science Integration, p. 121
- _____ Discussion, pp. 122, 128, **TWE**
- _____ Visual Learning, pp. 122, 124, 126, **TWE**
- _____ Activity, pp. 122, 126, **TWE**
- _____ Science Online, p. 125
- _____ MiniLAB: Practicing Energy Conservation, p. 127 (MiniLAB Worksheet, p. 3, **CRB**)
- _____ Content Outline for Teaching, Section 1 (Note-taking Worksheet, pp. 33–35, **CRB**)
- _____ Science Inquiry Lab, p. 33, **TCR**
- _____ Teaching Transparency, **TCR** (Transparency Master and Study Guide, pp. 47–48, **CRB**)
- _____ Laboratory Activity 1, pp. 9–12, **CRB**
- _____ Spanish Resources, Section 1, **CRB**

Assess

- _____ Section Assessment, p. 129
- _____ Skill Builder Activities, p. 129
- _____ Performance Assessment in the Science Classroom, pp. 89, 109, 145, **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**
- _____ Earth Science Critical Thinking/Problem-Solving, p. 2, **TCR**
- _____ Physical Science Critical Thinking/Problem-Solving, pp. 14, 20, **TCR**
- _____ Cultural Diversity, pp. 45, 49, **TCR**

Multimedia Options

- _____ Vocabulary Puzzlemaker Software, Ch. 5
- _____ Guided Reading Audio Program (English & Spanish), Ch. 5
- _____ Interactive CD-ROM, Presentation Builder, Ch. 5
- _____ Using the Internet in the Science Classroom, **TCR**
- _____ Science Web site: science.glencoe.com

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