

CHAPTER
10

**Lesson
Plans**

Section 3 ■ Engines and Refrigerators



Schedule

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

Objectives

- 7. **Identify** what an engine does.
- 8. **Describe** how an internal combustion engine works.
- 9. **Explain** how refrigerators and air conditioners create cool environments.

QCC Standards

1, 2, 3.4, 4, 8.2, 14, 14.3, 14.4, 14.5, 26

Motivate

- ___ Section Focus Transparency 3, **TCR** (Transparency Master and Study Guide, p. 46, **CRB**)

Teach

- | | |
|--|---|
| ___ Science Online, p. 298 | ___ Science and Society, pp. 304–305 |
| ___ Science Journal, p. 298, TWE | ___ Content Outline for Teaching, Section 3 (Note-taking Worksheet, pp. 33–35, CRB) |
| ___ Visual Learning, pp. 299, 300, TWE | ■ ___ Teaching Transparency, TCR (Transparency Master and Study Guide, pp. 47–48, CRB) |
| ___ Activity, p. 299, TWE | ___ Home and Community Involvement, p. 49, TCR |
| ___ Discussion, p. 300, TWE | ___ Spanish Resources, Section 3, CRB |
| ___ Cultural Diversity, p. 300, TWE | |
| ■ ___ Activity: Comparing Thermal Insulators, pp. 302–303 (Activity Worksheet, pp. 7–8, CRB) | |

Assess

- ___ Section Assessment, p. 301
- ___ Skill Builder Activities, p. 301
- ___ Performance Assessment in the Science Classroom, pp. 89, 117, **TCR**

Reteach/Reinforce

- ___ Directed Reading for Content Mastery, pp. 21, 22, **CRB**
- ___ Spanish Directed Reading for Content Mastery, pp. 25, 26, **CRB**
- ___ Reinforcement, p. 29, **CRB**

Enrich/Apply

- ___ Enrichment, p. 32, **CRB**

Chapter Assessment

- | | |
|---|---|
| ■ ___ Chapter Study Guide, pp. 306–307 | ■ ___ Assessment Transparency, TCR , (Transparency Master and Study Guide, p. 49, CRB) |
| ■ ___ Chapter Review, pp. 37–38, CRB | ___ Standardized Test Practice by The Princeton Review, pp. 43–46, TCR |
| ■ ___ Chapter Assessment, pp. 308–309 | |
| ■ ___ Chapter Test, pp. 39–42, CRB | |

Multimedia Options

- ___ Vocabulary Puzzlemaker Software, Ch. 10
- ___ Guided Reading Audio Program (English & Spanish), Ch. 10
- ___ MindJogger Videoquiz, Ch. 10
- ___ ExamView Pro Test Bank Software, Ch. 10
- ___ Interactive CD-ROM, Quiz, Ch. 10
- ___ 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