CHAPTER 9 Lesson Plans

Section 1 ▪ Work and Power

Schedule

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

Objectives

1. **Recognize** when work is done.
2. **Calculate** how much work is done.
3. **Explain** the relationship between work and power.

QCC Standards

1, 2, 3.2, 3.4, 4, 8, 8.3, 12.3

Motivate

_____ Explore Activity, p. 257
_____ Before You Read, p. 257 (Foldables, p. 17, ***CRB***)
■____ Section Focus Transparency 1, ***TCR*** (Transparency Master and Study Guide, p. 44, ***CRB***)

Teach

_____ Content Background, pp. 256E–256F, ***TWE***
_____ Life Science Integration, p. 258
_____ Visual Learning, p. 259, ***TWE***
_____ Activity, p. 259, ***TWE***
_____ Math Skills Activity, pp. 260, 261
_____ Quick Demo, p. 260, ***TWE***
_____ Science Online, p. 261
_____ Discussion, p. 261, ***TWE***
_____ MiniLAB: Measuring Work and Power, p. 262 (MiniLAB Worksheet, p. 3, ***CRB***)
■____ Activity: Building the Pyramids, p. 263 (Activity Worksheet, pp. 5–6, ***CRB***)
_____ Content Outline for Teaching, Section 1 (Note-taking Worksheet, pp. 33–35, ***CRB***)
_____ Laboratory Activity 1, pp. 9–12, ***CRB***
_____ Spanish Resources, Section 1, ***CRB***

Assess

■____ Section Assessment, p. 26
_____ Skill Builder Activities, p. 262
_____ Performance Assessment in the Science Classroom, pp. 101, 157, ***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. 11, ***TCR***

Enrich/Apply

_____ Enrichment, p. 30, ***CRB***
_____ Cultural Diversity, p. 63, ***TCR***

Multimedia Options

_____ **Vocabulary Puzzlemaker Software**, Ch. 9
_____ **Guided Reading Audio Program (English & Spanish)**, Ch. 9
_____ **Interactive CD-ROM**, Presentation Builder and Exploration, Ch. 9
_____ 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