

CHAPTER
15

Lesson
Plans

Section 2 ■ Electric Current



Schedule

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

Objectives

- 5. **Relate** voltage to the electrical energy carried by an electric current.
- 6. **Describe** a battery and how it produces an electric current.
- 7. **Explain** electrical resistance.

 **QCC Standards**

1, 2, 4, 8.1, 8.2, 9.5, 20.1, 20.2,
20.3, 20.5, 20.10

Motivate

- Section Focus Transparency 2, **TCR** (Transparency Master and Study Guide, p. 45, **CRB**)

Teach

- _____ Cultural Diversity, p. 448, **TWE**
- _____ MiniLAB: Investigating the Electric Force, p. 448 (MiniLAB Worksheet, p. 3, **CRB**)
- _____ Chemistry Integration, p. 449
- _____ Lab Demonstration, p. 449, **TWE**
- _____ Identifying Misconceptions, pp. 449, 450, **TWE**
- _____ Visual Learning, p. 450, **TWE**
- _____ Use an Analogy, p. 450, **TWE**
- _____ Teacher FYI, p. 450, **TWE**
- _____ Content Outline for Teaching, Section 2 (Note-taking Worksheet, pp. 33–35, **CRB**)
- _____ Science Inquiry Lab, p. 9, **TCR**
- Teaching Transparency, **TCR** (Transparency Master and Study Guide, pp. 47–48, **CRB**)
- _____ Laboratory Activity 2, pp. 13–15, **CRB**
- _____ Spanish Resources, Section 2, **CRB**

Assess

- Section Assessment, p. 451
- _____ Skill Builder Activities, p. 451
- _____ Performance Assessment in the Science Classroom, pp. 97, 145, **TCR**

Reteach/Reinforce

- Directed Reading for Content Mastery, p. 21, **CRB**
- _____ Spanish Directed Reading for Content Mastery, p. 25, **CRB**
- Reinforcement, p. 28, **CRB**

Enrich/Apply

- _____ Enrichment, p. 31, **CRB**

Multimedia Options

- _____ Vocabulary Puzzlemaker Software, Ch. 15
- _____ Guided Reading Audio Program (English & Spanish), Ch. 15
- _____ Using the Internet in the Science Classroom, **TCR**
- _____ Science Web site: science.glencoe.com