

CHAPTER
3

Lesson
Plans

Section 2 ■ The Simplest Matter



Schedule

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

Single Periods: 4 sessions

Objectives

5. **Describe** the relationship between elements and the periodic table.
6. **Explain** the meaning of atomic mass and atomic number.
7. **Identify** what makes an isotope.
8. **Contrast** metals, metalloids, and nonmetals.



QCC Standards

1, 4, 5.1, 5.2, 5.3, 5.4, 5.5, 5.7

Motivate

- Section Focus Transparency 2, **TCR** (Transparency Master and Study Guide, p. 41, **CRB**)

Teach

- Science Online, p. 83
- Activity, pp. 83, 84, 86, **TWE**
- Identifying Misconceptions, p. 83, **TWE**
- Use an Analogy, p. 83, **TWE**
- Visual Learning, pp. 84, 85, **TWE**
- Extension, pp. 84, 85, **TWE**
- Inclusion Strategies, p. 85, **TWE**
- Discussion, p. 86, **TWE**
- Science Journal, p. 86, **TWE**
- Activity: Elements and the Periodic Table, p. 88 (Activity Worksheet, pp. 5–6, **CRB**)
- Content Outline for Teaching, Section 2 (Note-taking Worksheet, pp. 29–31, **CRB**)
- Science Inquiry Lab, p. 25, **TCR**
- Spanish Resources, Section 2, **CRB**

Assess

- Section Assessment, p. 87
- Skill Builder Activities, p. 87
- Performance Assessment in the Science Classroom, pp. 135, 143, 169, **TCR**

Reteach/Reinforce

- Directed Reading for Content Mastery, p. 17, **CRB**
- Spanish Directed Reading for Content Mastery, p. 21, **CRB**
- Reinforcement, p. 24, **CRB**

Enrich/Apply

- Enrichment, p. 27, **CRB**
- Physical Science Critical Thinking/Problem-Solving, p. 13, **TCR**
- Earth Science Critical Thinking/Problem-Solving, p. 2, **TCR**

Multimedia Options

- Vocabulary Puzzlemaker Software, Ch. 3
- Guided Reading Audio Program (English & Spanish), Ch. 3
- Using the Internet in the Science Classroom, **TCR**
- Science Web site: science.glencoe.com