

CHAPTER
3

Lesson
Plans

Section 1 ■ Chemistry of Life



Schedule

Block Schedule: 1 session (■ denotes activities recommended for block schedule.)

Single Periods: 2 sessions

Objectives

1. **List** the differences among atoms, elements, molecules, and compounds.
2. **Explain** the relationship between chemistry and life science.
3. **Discuss** how organic compounds are different from inorganic compounds.

 **QCC Standards**

1, 2, 3.2, 4, 5

Motivate

_____ Explore Activity, p. 65

_____ Before You Read, p. 65 (Foldables, p. 15, **CRB**)

■_____ Section Focus Transparency 1, **TCR** (Transparency Master and Study Guide, p. 42, **CRB**)

Teach

_____ Content Background, pp. 64E–64F, **TWE**

_____ Activity, pp. 67, 70, **TWE**

_____ Inclusion Strategies, pp. 67, 68, 69, **TWE**

_____ Discussion, p. 68, **TWE**

_____ Quick Demo, pp. 68, 69, 72, **TWE**

_____ Visual Learning, p. 69, **TWE**

_____ Science Online, p. 70

_____ MiniLAB: Determining How Enzymes Work, p. 71 (MiniLAB Worksheet, p. 3, **CRB**)

_____ Math Skills Activity, p. 72

_____ Content Outline for Teaching, Section 1 (Note-taking Worksheet, pp. 31–33, **CRB**)

_____ Science Inquiry Lab, pp. 43, 47, **TCR**

■_____ Teaching Transparency, **TCR** (Transparency Master and Study Guide, pp. 45–46, **CRB**)

_____ Spanish Resources, Section 1, **CRB**

Assess

■_____ Section Assessment, p. 73

_____ Skill Builder Activities, p. 73

_____ Performance Assessment in the Science Classroom, pp. 89, 95, 157, **TCR**

Reteach/Reinforce

■_____ Directed Reading for Content Mastery, pp. 17, 18, **CRB**

_____ Spanish Directed Reading for Content Mastery, pp. 21, 22, **CRB**

■_____ Reinforcement, p. 25, **CRB**

_____ Mathematics Skill Activities, p. 5, **TCR**

Enrich/Apply

_____ Enrichment, p. 28, **CRB**

_____ Cultural Diversity, p. 65, **TCR**

Multimedia Options

_____ Vocabulary Puzzlemaker Software, Ch. 3

_____ Guided Reading Audio Program (English & Spanish), Ch. 3

_____ Interactive CD-ROM, Presentation Builder, Ch. 3

_____ Using the Internet in the Science Classroom, **TCR**

_____ Science Web site: science.glencoe.com