

CHAPTER
1

**Lesson
Plans**

Section 1 ■ Science All Around



Schedule

Block Schedule: 1 session (■ denotes activities recommended for block schedule.)
Single Periods: 2 sessions

Objectives

1. **Describe** scientific methods.
2. **Define** science and earth science.
3. **Distinguish** among independent variables, dependent variables, constants, and controls.



QCC Standards

1, 3, 3.2, 4, 9, 13, 17.3, 19, 24, 24.1, 25

Motivate

- _____ Explore Activity, p. 5
- _____ Before You Read, p. 5 (Foldables, p. 15, **CRB**)
- _____ Section Focus Transparency 1, **TCR** (Transparency Master and Study Guide, p. 40, **CRB**)

Teach

- _____ Content Background, pp. 4E–4F, **TWE**
- _____ Visual Learning, pp. 8, 10, 13, **TWE**
- _____ Science Online, p. 9
- _____ Life Science Integration, p. 10
- _____ MiniLAB: Designing an Experiment, p. 11 (MiniLAB Worksheet, p. 3, **CRB**)
- _____ Discussion, p. 12, **TWE**
- _____ Content Outline for Teaching, Section 1 (Note-taking Worksheet, pp. 29–30, **CRB**)
- _____ Science Inquiry Lab, p. 37, **TCR**
- _____ Teaching Transparency, **TCR** (Transparency Master and Study Guide, pp. 43–44, **CRB**)
- _____ Laboratory Activity 1, pp. 9–10, **CRB**
- _____ Spanish Resources, Section 1, **CRB**

Assess

- _____ Section Assessment, p. 14
- _____ Skill Builder Activities, p. 14
- _____ Performance Assessment in the Science Classroom, pp. 89, 109, **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**
- _____ Reading and Writing Skill Activities, pp. 9, 49, **TCR**

Enrich/Apply

- _____ Enrichment, p. 27, **CRB**
- _____ Earth Science Critical Thinking/Problem-Solving, p. 5, **TCR**

Multimedia Options

- _____ Vocabulary Puzzlemaker Software, Ch. 1
- _____ Guided Reading Audio Program (English & Spanish), Ch. 1
- _____ Interactive CD-ROM, Presentation Builder and Exploration, Ch. 1
- _____ Using the Internet in the Science Classroom, **TCR**
- _____ Science Web site: science.glencoe.com