

CHAPTER
1

Lesson
Plans

Section 1 ■ What is science?



Schedule

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

Objectives

1. **Define** science and identify questions that science cannot answer.
2. **Compare and contrast** theories and laws.
3. **Identify** a system and its components.
4. **Identify** the three branches of science.

 **QCC Standards**
1, 2, 4, 6

Motivate

- _____ Explore Activity, p. 5
- _____ Before You Read, p. 5 (Foldables, p. 19, **CRB**)
- _____ Section Focus Transparency 1, **TCR** (Transparency Master and Study Guide, p. 48, **CRB**)

Teach

- _____ Content Background, pp. 4E–4F, **TWE**
- _____ Science Journal, pp. 4, 8, **TWE**
- _____ Discussion, pp. 7, 9, **TWE**
- _____ Visual Learning, p. 7, **TWE**
- _____ Use Science Words, pp. 7, 9, **TWE**
- _____ MiniLAB: Classify Parts of a System, p. 8 (MiniLAB Worksheet, p. 3, **CRB**)
- _____ Science Online, p. 9
- _____ Activity, p. 10, **TWE**
- _____ Inclusion Strategies, p. 10, **TWE**
- _____ Identifying Misconceptions, p. 10, **TWE**
- _____ Content Outline for Teaching, Section 1 (Note-taking Worksheet, pp. 37–39, **CRB**)
- _____ Spanish Resources, Section 1, **CRB**

Assess

- _____ Section Assessment, p. 11
- _____ Skill Builder Activities, p. 11
- _____ Performance Assessment in the Science Classroom, pp. 95, 147, 163, **TCR**

Reteach/Reinforce

- _____ Directed Reading for Content Mastery, pp. 21, 22, **CRB**
- _____ Spanish Directed Reading for Content Mastery, pp. 25, 26, **CRB**
- _____ Reinforcement, p. 29, **CRB**

Enrich/Apply

- _____ Enrichment, p. 33, **CRB**
- _____ Earth Science Critical Thinking/Problem-Solving, p. 14, **TCR**

Multimedia Options

- _____ Vocabulary Puzzlemaker Software, Ch. 1
- _____ Guided Reading Audio Program (English & Spanish), Ch. 1
- _____ Interactive CD-ROM, Presentation Builder, Ch. 1
- _____ 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