

CHAPTER
7

Lesson
Plans

Section 2 ■ The Nature of Soil



Schedule

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

Single Periods: 2 sessions

Objectives

3. **Explain** how soil develops from rock.
4. **Describe** soil by comparing soil horizons.
5. **Describe** factors that affect the development of soils.

QCC Standards

1, 2, 3.2, 3.4, 4, 9, 11.1, 15, 16.1

Motivate

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

Teach

- Activity, pp. 191, 195, **TWE**
- Visual Learning, pp. 191, 195, **TWE**
- MiniLAB: Comparing Components of Soil, p. 192 (MiniLAB Worksheet, p. 4, **CRB**)
- Life Science Integration, p. 193
- Discussion, p. 193, **TWE**
- Quick Demo, p. 193, **TWE**
- Math Skills Activity, p. 194
- Lab Demonstration, p. 194, **TWE**
- Inclusion Strategies, p. 195, **TWE**
- Activity: Soil Characteristics, p. 197 (Activity Worksheet, pp. 5–6, **CRB**)
- Content Outline for Teaching, Section 2 (Note-taking Worksheet, pp. 29–31, **CRB**)
- Teaching Transparency, **TCR** (Transparency Master and Study Guide, pp. 43–44, **CRB**)
- Laboratory Activity 2, pp. 11–12, **CRB**
- Spanish Resources, Section 2, **CRB**

Assess

- Section Assessment, p. 196
- Skill Builder Activities, p. 196
- Performance Assessment in the Science Classroom, pp. 97, 109, 163, **TCR**

Reteach/Reinforce

- Directed Reading for Content Mastery, p. 17, **CRB**
- Spanish Directed Reading for Content Mastery, p. 21, **CRB**
- Reinforcement, p. 24, **CRB**
- Mathematics Skill Activities, p. 1, **TCR**

Enrich/Apply

- Enrichment, p. 27, **CRB**
- Life Science Critical Thinking/Problem-Solving, p. 22, **TCR**

Multimedia Options

- Vocabulary Puzzlemaker Software, Ch. 7
- Guided Reading Audio Program (English & Spanish), Ch. 7
- Interactive CD-ROM, Exploration, Ch. 7
- Using the Internet in the Science Classroom, **TCR**
- Science Web site: science.glencoe.com