

Section 1 ■ Abiotic Factors

Schedule

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

Single Periods: 3 sessions

Objectives

1. **Identify** common abiotic factors in most ecosystems.
2. **List** the components of air that are needed for life.
3. **Explain** how climate influences life in an ecosystem.

National Standards

UCP1, A1, C1, C4, D1, F2

Motivate

- _____ Explore Activity, p. 359
- _____ Before You Read, p. 359 (Foldables, p. 17, **CRB**)
- _____ Section Focus Transparency 1, **TCR** (Transparency Master and Study Guide, p. 44, **CRB**)

Teach

- _____ Content Background, pp. 358E–358F, **TWE**
- _____ Activity, p. 361, **TWE**
- _____ Quick Demo, pp. 361, 365, **TWE**
- _____ Inclusion Strategies, pp. 361, 365, **TWE**
- _____ MiniLAB: Determining Soil Makeup, p. 362 (MiniLAB Worksheet, p. 3, **CRB**)
- _____ Visual Learning, p. 363, **TWE**
- _____ Math Skills Activity, p. 364
- _____ Physics Integration, p. 365
- _____ Activity: Humus Farm, p. 367 (Activity Worksheet, pp. 5–6, **CRB**)
- _____ Content Outline for Teaching, Section 1 (Note-taking Worksheet, pp. 33–34, **CRB**)
- _____ Science Inquiry Lab, p. 7, **TCR**
- _____ Laboratory Activity 1, pp. 9–12, **CRB**
- _____ Spanish Resources, Section 1, **CRB**

Assess

- _____ Section Assessment, p. 366
- _____ Skill Builder Activities, p. 366
- _____ Performance Assessment in the Science Classroom, pp. 48, 89, 145, **TCR**

Reteach/Reinforce

- _____ Directed Reading for Content Mastery, pp. 19, 20, **CRB**
- _____ Spanish Directed Reading for Content Mastery, pp. 23, 24, **CRB**
- _____ Reinforcement, p. 27, **CRB**
- _____ Reading and Writing Skill Activities, p. 3, **TCR**

Enrich/Apply

- _____ Enrichment, p. 30, **CRB**
- _____ Earth Science Critical Thinking/Problem-Solving, pp. 6, 22, **TCR**
- _____ Cultural Diversity, p. 33, **TCR**

Multimedia Options

- _____ Vocabulary Puzzlemaker Software, Ch. 13
- _____ Guided Reading Audio Program (English & Spanish), Ch. 13
- _____ Using the Internet in the Science Classroom, **TCR**
- _____ Science Web site: science.glencoe.com