

Section 1 ■ Earthquakes

Schedule

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

Single Periods: 2 sessions

Objectives

1. **Explain** how earthquakes are caused by a buildup of strain in Earth's crust.
2. **Compare and contrast** primary, secondary, and surface waves.
3. **Recognize** earthquake hazards and how to prepare for them.

National Standards

UCP2, A1, D1, E1, F3, F5

Motivate

- _____ Explore Activity, p. 419
- _____ Before You Read, p. 419 (Foldables, p. 15, **CRB**)
- _____ Section Focus Transparency 1, **TCR** (Transparency Master and Study Guide, p. 42, **CRB**)

Teach

- _____ Content Background, pp. 418E–418F, **TWE**
- _____ Science Journal, pp. 418, 423, 425, 427, **TWE**
- _____ Visual Learning, pp. 421, 424, 426, **TWE**
- _____ MiniLAB: Observing Deformation, p. 421 (MiniLAB Worksheet, p. 3, **CRB**)
- _____ Inclusion Strategies, p. 422, **TWE**
- _____ Quick Demo, p. 423, **TWE**
- _____ Use Science Words, p. 424, **TWE**
- _____ Science Online, p. 425
- _____ Activity, p. 426, **TWE**
- _____ Discussion, p. 427, **TWE**
- _____ Content Outline for Teaching, Section 1 (Note-taking Worksheet, pp. 31–33, **CRB**)
- _____ Teaching Transparency, **TCR** (Transparency Master and Study Guide, pp. 45–47, **CRB**)
- _____ Laboratory Activity 1, pp. 9–10, **CRB**
- _____ Spanish Resources, Section 1, **CRB**

Assess

- _____ Section Assessment, p. 428
- _____ Skill Builder Activities, p. 428
- _____ Performance Assessment in the Science Classroom, pp. 42, 89, **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**

Enrich/Apply

- _____ Enrichment, p. 28, **CRB**
- _____ Earth Science Critical Thinking/Problem-Solving, p. 9, **TCR**
- _____ Cultural Diversity, p. 47, **TCR**

Multimedia Options

- _____ Vocabulary Puzzlemaker Software, Ch. 15
- _____ Guided Reading Audio Program (English & Spanish), Ch. 15
- _____ Using the Internet in the Science Classroom, **TCR**
- _____ Science Web site: science.glencoe.com