

Section 2 ■ Features of Earthquakes



Schedule

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

Single Periods: 2 sessions

Objectives

4. **Explain** how earthquake energy travels in seismic waves.
5. **Distinguish** among primary, secondary, and surface waves.
6. **Describe** the structure of Earth's interior.

 QCC Standards

1, 3.2, 4, 9, 15

Motivate

- Section Focus Transparency 2, **TCR** (Transparency Master and Study Guide, p. 47, **CRB**)

Teach

- _____ Physics Integration, p. 309
- _____ Use Science Words, p. 309, **TWE**
- _____ Visual Learning, pp. 310, 313, **TWE**
- _____ Science Online, p. 311
- _____ Science Journal, p. 311, **TWE**
- _____ Identifying Misconceptions, p. 311, **TWE**
- _____ Discussion, p. 312, **TWE**
- _____ Quick Demo, p. 312, **TWE**
- _____ Lab Demonstration, p. 312, **TWE**
- _____ MiniLAB: Interpreting Seismic Wave Data, p. 313 (MiniLAB Worksheet, p. 3, **CRB**)
- _____ Inclusion Strategies, p. 314, **TWE**
- _____ Make a Model, p. 314, **TWE**
- Activity: Epicenter Location, p. 316 (Activity Worksheet, pp. 5–6, **CRB**)
- _____ Content Outline for Teaching, Section 2 (Note-taking Worksheet, pp. 35–37, **CRB**)
- Laboratory Activity 1, pp. 9–13, **CRB**
- _____ Home and Community Involvement, p. 40, **TCR**
- _____ Spanish Resources, Section 2, **CRB**

Assess

- Section Assessment, p. 315
- _____ Skill Builder Activities, p. 315
- _____ Performance Assessment in the Science Classroom, p. 89, **TCR**

Reteach/Reinforce

- Directed Reading for Content Mastery, p. 23, **CRB**
- _____ Spanish Directed Reading for Content Mastery, p. 27, **CRB**
- Reinforcement, p. 30, **CRB**

Enrich/Apply

- _____ Enrichment, p. 33, **CRB**

Multimedia Options

- _____ Vocabulary Puzzlemaker Software, Ch. 11
- _____ Guided Reading Audio Program (English & Spanish), Ch. 11
- _____ Using the Internet in the Science Classroom, **TCR**
- _____ Science Web site: science.glencoe.com