

Section 3 ■ Earthquakes, Volcanoes, and Plate Tectonics

Schedule

Block Schedule: 2 sessions (■ denotes activities recommended for block schedule.)

Single Periods: 4 sessions

Objectives

7. **Explain** how the locations of volcanoes and earthquake epicenters are related to tectonic plate boundaries.
8. **Explain** how heat within Earth causes Earth's plates to move.

National Standards

UCP2, A1, B2, D1, F3, G3

Motivate

- Section Focus Transparency 3, **TCR** (Transparency Master and Study Guide, p. 44, **CRB**)

Teach

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|---|--|
| _____ Visual Learning, pp. 437, 439, TWE | ■ Activity: Seismic Waves, pp. 442–443
(Activity Worksheet, pp. 7–8, CRB) |
| _____ Chemistry Integration, p. 438 | _____ Science and History, pp. 444–445 |
| _____ Activity, pp. 438, 439, TWE | _____ Content Outline for Teaching, Section 3
(Note-taking Worksheet, pp. 31–33, CRB) |
| _____ Use Science Words, p. 438, TWE | _____ Home and Community Involvement, p. 46, TCR |
| _____ Physics Integration, p. 439 | _____ Spanish Resources, Section 3, CRB |
| _____ Discussion, pp. 439, 445, TWE | |
| _____ Math Skills Activity, p. 440 | |
| _____ Inclusion Strategies, p. 442, TWE | |

Assess

- Section Assessment, p. 441
- _____ Skill Builder Activities, p. 441
- _____ Performance Assessment in the Science Classroom, pp. 89, 123, 143, **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**
- _____ Mathematics Skill Activities, p. 11, **TCR**

Enrich/Apply

- _____ Enrichment, p. 30, **CRB**

Chapter Assessment

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|---|---|
| ■ Chapter Study Guide, pp. 446–447 | ■ Assessment Transparency, TCR , (Transparency Master and Study Guide, p. 48, CRB) |
| ■ Chapter Review, pp. 35–36, CRB | _____ Standardized Test Practice by The Princeton Review, pp. 65–68, TCR |
| ■ Chapter Assessment, pp. 448–449 | |
| ■ Chapter Test, pp. 37–40, CRB | |

Multimedia Options

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