

CHAPTER
14

Lesson Plans

Section 3 ■ Theory of Plate Tectonics

Schedule

Block Schedule: 2 sessions (■ denotes activities recommended for block schedule.)
Single Periods: 4 sessions

Objectives

- 5. Compare and contrast different types of plate boundaries.
- 6. Explain how heat inside Earth causes plate tectonics.
- 7. Recognize features caused by plate tectonics.

National Standards

UCP2, UCP3, A1, A2, D1, D2, G1, G3

Motivate

- Section Focus Transparency 3, **TCR** (Transparency Master and Study Guide, p. 46, **CRB**)

Teach

- _____ Science Online, p. 402
- _____ Problem-Solving Activity, p. 402
- _____ MiniLAB: Modeling Convection Currents, p. 405 (MiniLAB Worksheet, p. 4, **CRB**)
- _____ Discussion, pp. 406, 408, **TWE**
- _____ Physics Integration, p. 408
- Activity: Predicting Tectonic Activity, pp. 410–411 (Activity Worksheet, pp. 7–8, **CRB**)
- _____ Science and Language Arts, pp. 412–413
- _____ Content Outline for Teaching, Section 3 (Note-taking Worksheet, pp. 33–35, **CRB**)
- Teaching Transparency, **TCR** (Transparency Master and Study Guide, pp. 47–48, **CRB**)
- _____ Laboratory Activity 2, pp. 13–15, **CRB**
- _____ Home and Community Involvement, p. 31, **TCR**
- _____ Spanish Resources, Section 3, **CRB**

Assess

- Section Assessment, p. 409
- _____ Skill Builder Activities, p. 409
- _____ Performance Assessment in the Science Classroom, pp. 42, 89, 93, 123, 127, **TCR**

Reteach/Reinforce

- Directed Reading for Content Mastery, pp. 21, 22, **CRB**
- _____ Spanish Directed Reading for Content Mastery, pp. 25, 26, **CRB**
- Reinforcement, p. 29, **CRB**
- _____ Reading and Writing Skill Activities, p. 27, **TCR**

Enrich/Apply

- _____ Enrichment, p. 32, **CRB**
- _____ Earth Science Critical Thinking/Problem-Solving, p. 8, **TCR**
- _____ Cultural Diversity, p. 47, **TCR**

Chapter Assessment

- Chapter Study Guide, pp. 414–415
- Chapter Review, pp. 37–38, **CRB**
- Chapter Assessment, pp. 416–417
- Chapter Test, pp. 39–42, **CRB**
- Assessment Transparency, **TCR**, (Transparency Master and Study Guide, p. 49, **CRB**)
- _____ Standardized Test Practice by The Princeton Review, pp. 61–64, **TCR**

Multimedia Options

- _____ Vocabulary Puzzlemaker Software, Ch. 14
- _____ Guided Reading Audio Program (English & Spanish), Ch. 14
- _____ MindJogger Videoquiz, Ch. 14
- _____ ExamView Pro Test Bank Software, Ch. 14
- _____ Science Web site: science.glencoe.com

TWE = Teacher Wraparound Edition,
CRB = Chapter Resources Booklet, **TCR** = Teacher Classroom Resources