

## 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.

 QCC Standards

1, 2, 3.4, 4, 9, 10, 13, 15

## Motivate

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

## Teach

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|---|--|
| _____ Science Online, p. 286  | _____ Science and Language Arts, pp. 296–297   |
| _____ Problem-Solving Activity, p. 286  | _____ Content Outline for Teaching, Section 3<br>(Note-taking Worksheet, pp. 33–35, <b>CRB</b> )     |
| _____ MiniLAB: Modeling Convection Currents,<br>p. 289 (MiniLAB Worksheet, p. 4, <b>CRB</b> )       | ■ Teaching Transparency, <b>TCR</b> (Transparency<br>Master and Study Guide, pp. 47–48, <b>CRB</b> ) |
| _____ Discussion, pp. 290, 292, <b>TWE</b>  | _____ Laboratory Activity 2, pp. 13–15, <b>CRB</b>   |
| _____ Physics Integration, p. 292   | _____ Home and Community Involvement, p. 31, <b>TCR</b>  |
| ■ Activity: Predicting Tectonic Activity,<br>pp. 294–295 (Activity Worksheet, pp. 7–8, <b>CRB</b> ) | _____ Spanish Resources, Section 3, <b>CRB</b>   |

## Assess

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| ■ Section Assessment, p. 293           | _____ Performance Assessment in the Science<br>Classroom, pp. 42, 89, 93, 123, 127, <b>TCR</b> |
| _____ Skill Builder Activities, p. 293 |  |

## 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

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|---|--|
| ■ Chapter Study Guide, pp. 298–299      | ■ Assessment Transparency, <b>TCR</b> , (Transparency<br>Master and Study Guide, p. 49, <b>CRB</b> ) |
| ■ Chapter Review, pp. 37–38, <b>CRB</b> | _____ Standardized Test Practice by The Princeton<br>Review, pp. 47–50, <b>TCR</b>                   |
| ■ Chapter Assessment, pp. 300–301       |  |
| ■ Chapter Test, pp. 39–42, <b>CRB</b>   |  |

## Multimedia Options

- \_\_\_\_\_ Vocabulary Puzzlemaker Software, Ch. 10
- \_\_\_\_\_ Guided Reading Audio Program (English & Spanish), Ch. 10
- \_\_\_\_\_ MindJogger Videoquiz, Ch. 10
- \_\_\_\_\_ ExamView Pro Test Bank Software, Ch. 10
- \_\_\_\_\_ Interactive CD-ROM, Exploration and Quiz, Ch. 10
- \_\_\_\_\_ Science Web site: [science.glencoe.com](http://science.glencoe.com)