

CHAPTER
12

Lesson
Plans

Section 1 ■ Volcanoes and Earth's Moving Plates



Schedule

Block Schedule: 1 session (■ denotes activities recommended for block schedule.)
Single Periods: 2 sessions

Objectives

1. Describe how volcanoes can affect people.
2. List conditions that cause volcanoes to form.
3. Identify the relationship between volcanoes and Earth's moving plates.



QCC Standards

1, 2, 4, 9, 11.1

Motivate

- _____ Explore Activity, p. 333
- _____ Before You Read, p. 333 (Foldables, p. 15, **CRB**)
- _____ Section Focus Transparency 1, **TCR** (Transparency Master and Study Guide, p. 42, **CRB**)

Teach

- _____ Content Background, pp. 332E–332F, **TWE**
- _____ Science Journal, pp. 332, 337, **TWE**
- _____ Discussion, pp. 335, 336, **TWE**
- _____ Quick Demo, pp. 335, 337, **TWE**
- _____ Astronomy Integration, p. 336
- _____ Visual Learning, pp. 336, 337, **TWE**
- _____ Identifying Misconceptions, p. 337, **TWE**
- _____ MiniLAB: Modeling Magma Movement, p. 338 (MiniLAB Worksheet, p. 3, **CRB**)
- _____ Content Outline for Teaching, Section 1 (Note-taking Worksheet, pp. 31–33, **CRB**)
- _____ Science Inquiry Lab, p. 35, **TCR**
- _____ Teaching Transparency, **TCR** (Transparency Master and Study Guide, pp. 45–46, **CRB**)
- _____ Laboratory Activity 1, pp. 9–10, **CRB**
- _____ Spanish Resources, Section 1, **CRB**

Assess

- _____ Section Assessment, p. 339
- _____ Skill Builder Activities, p. 339
- _____ Performance Assessment in the Science Classroom, pp. 89, 161, **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. 8, **TCR**
- _____ Cultural Diversity, p. 47, **TCR**

Multimedia Options

- _____ Vocabulary Puzzlemaker Software, Ch. 12
- _____ Guided Reading Audio Program (English & Spanish), Ch. 12
- _____ Interactive CD-ROM, Presentation Builder, Ch. 12
- _____ Using the Internet in the Science Classroom, **TCR**
- _____ Science Web site: science.glencoe.com