

**CHAPTER**  
**16**

**Lesson**  
**Plans**

**Section 2 ■ Ocean Currents**

**Schedule**

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

Single Periods: 2 sessions

**Objectives**

- 4. **Explain** how winds and the Coriolis effect influence surface currents.
- 5. **Discuss** the temperatures of coastal waters.
- 6. **Describe** density currents.

**National Standards**

UCP2, A1, B1, B3, D1

**Motivate**

- Section Focus Transparency 2, **TCR** (Transparency Master and Study Guide, p. 41, **CRB**)

**Teach**

- \_\_\_\_\_ Science Online, p. 457
- \_\_\_\_\_ Discussion, pp. 457, 458, **TWE**
- \_\_\_\_\_ Visual Learning, p. 457, **TWE**
- \_\_\_\_\_ Identifying Misconceptions, p. 458, **TWE**
- \_\_\_\_\_ Curriculum Connection, p. 458, **TWE**
- \_\_\_\_\_ Teacher FYI, p. 458, **TWE**
- \_\_\_\_\_ Fun Fact, p. 458, **TWE**
- \_\_\_\_\_ Cultural Diversity, p. 459, **TWE**
- \_\_\_\_\_ MiniLAB: Modeling a Density Current, p. 459 (MiniLAB Worksheet, p. 3, **CRB**)
- \_\_\_\_\_ Chemistry Integration, p. 460
- \_\_\_\_\_ Math Skills Activity, p. 460
- \_\_\_\_\_ Lab Demonstration, p. 460, **TWE**
- \_\_\_\_\_ Content Outline for Teaching, Section 2 (Note-taking Worksheet, pp. 29–31, **CRB**)
- \_\_\_\_\_ Science Inquiry Lab, p. 31, **TCR**
- \_\_\_\_\_ Laboratory Activity 2, pp. 11–12, **CRB**
- \_\_\_\_\_ Spanish Resources, Section 2, **CRB**

**Assess**

- Section Assessment, p. 461
- \_\_\_\_\_ Skill Builder Activities, p. 461
- \_\_\_\_\_ Performance Assessment in the Science Classroom, pp. 89, 161, **TCR**

**Reteach/Reinforce**

- Directed Reading for Content Mastery, p. 16, **CRB**
- \_\_\_\_\_ Spanish Directed Reading for Content Mastery, p. 20, **CRB**
- Reinforcement, p. 24, **CRB**
- \_\_\_\_\_ Mathematics Skill Activities, p. 9, **TCR**

**Enrich/Apply**

- \_\_\_\_\_ Enrichment, p. 27, **CRB**

**Multimedia Options**

- \_\_\_\_\_ Vocabulary Puzzlemaker Software, Ch. 16
- \_\_\_\_\_ Guided Reading Audio Program (English & Spanish), Ch. 16
- \_\_\_\_\_ Using the Internet in the Science Classroom, **TCR**
- \_\_\_\_\_ Science Web site: **science.glencoe.com**