

CHAPTER  
**15**

Lesson  
Plans

# Section 1 ■ Earth's Atmosphere



## Schedule

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

## Objectives

1. **Identify** the gases in Earth's atmosphere.
2. **Describe** the structures of Earth's atmosphere.
3. **Explain** what causes air pressure.

### QCC Standards

1, 2, 3.2, 3.4, 4, 5, 5.1, 13, 18, 18.1, 18.2,  
18.3, 20, 24, 24.1

## Motivate

- \_\_\_\_\_ Explore Activity, p. 433
- \_\_\_\_\_ Before You Read, p. 433 (Foldables, p. 13, **CRB**)
- \_\_\_\_\_ Section Focus Transparency 1, **TCR** (Transparency Master and Study Guide, p. 40, **CRB**)

## Teach

- \_\_\_\_\_ Content Background, pp. 432E–432F, **TWE**
- \_\_\_\_\_ Discussion, pp. 435, 436, 440, **TWE**
- \_\_\_\_\_ Science Online, p. 436
- \_\_\_\_\_ Problem-Solving Activity, p. 438
- \_\_\_\_\_ MiniLAB: Determining If Air Has Mass, p. 439 (MiniLAB Worksheet, p. 3, **CRB**)
- \_\_\_\_\_ Life Science Integration, p. 440
- \_\_\_\_\_ Activity: Evaluating Sunscreens, p. 442 (Activity Worksheet, pp. 5–6, **CRB**)
- \_\_\_\_\_ Content Outline for Teaching, Section 1 (Note-taking Worksheet, pp. 29–31, **CRB**)
- \_\_\_\_\_ Science Inquiry Lab, p. 25, **TCR**
- \_\_\_\_\_ Laboratory Activity 1, pp. 9–10, **CRB**
- \_\_\_\_\_ Spanish Resources, Section 1, **CRB**

## Assess

- \_\_\_\_\_ Section Assessment, p. 441
- \_\_\_\_\_ Skill Builder Activities, p. 441
- \_\_\_\_\_ Performance Assessment in the Science Classroom, pp. 93, 115, 119, 147, **TCR**

## Reteach/Reinforce

- \_\_\_\_\_ Directed Reading for Content Mastery, pp. 15, 16, **CRB**
- \_\_\_\_\_ Spanish Directed Reading for Content Mastery, pp. 19, 20, **CRB**
- \_\_\_\_\_ Reinforcement, p. 23, **CRB**
- \_\_\_\_\_ Mathematics Skill Activities, p. 11, **TCR**
- \_\_\_\_\_ Reading and Writing Skill Activities, p. 27, **TCR**

## Enrich/Apply

- \_\_\_\_\_ Enrichment, p. 26, **CRB**
- \_\_\_\_\_ Physical Science Critical Thinking/Problem-Solving, p. 5, **TCR**
- \_\_\_\_\_ Earth Science Critical Thinking/Problem-Solving, p. 13, **TCR**

## Multimedia Options

- \_\_\_\_\_ Vocabulary Puzzlemaker Software, Ch. 15
- \_\_\_\_\_ Guided Reading Audio Program (English & Spanish), Ch. 15
- \_\_\_\_\_ Interactive CD-ROM, Presentation Builder and Exploration, Ch. 15
- \_\_\_\_\_ Using the Internet in the Science Classroom, **TCR**
- \_\_\_\_\_ Science Web site: [science.glencoe.com](http://science.glencoe.com)

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