

CHAPTER  
**10**

Lesson  
Plans

## Section 2 ■ Energy Transfer in the Atmosphere

### Schedule

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

Single Periods: 2 sessions

### Objectives

4. **Describe** what happens to the energy Earth receives from the Sun.
5. **Compare and contrast** radiation, conduction, and convection.
6. **Explain** the water cycle.

#### National Standards

UCP3, A1, B3, D1

### Motivate

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

### Teach

- \_\_\_\_\_ Physics Integration, p. 292
- \_\_\_\_\_ Discussion, p. 292, **TWE**
- \_\_\_\_\_ Use Science Words, p. 292, **TWE**
- \_\_\_\_\_ Use an Analogy, p. 292, **TWE**
- \_\_\_\_\_ Teacher FYI, p. 292, **TWE**
- \_\_\_\_\_ Science Journal, p. 293, **TWE**
- \_\_\_\_\_ Identifying Misconceptions, p. 293, **TWE**
- \_\_\_\_\_ MiniLAB: Model the Water Cycle, p. 293 (MiniLAB Worksheet, p. 4, **CRB**)
- \_\_\_\_\_ Fun Fact, p. 294, **TWE**
- \_\_\_\_\_ Content Outline for Teaching, Section 2 (Note-taking Worksheet, pp. 29–31, **CRB**)
- Teaching Transparency, **TCR** (Transparency Master and Study Guide, pp. 43–44, **CRB**)
- \_\_\_\_\_ Laboratory Activity 2, p. 11–12, **CRB**
- \_\_\_\_\_ Spanish Resources, Section 2, **CRB**

### Assess

- Section Assessment, p. 294
- \_\_\_\_\_ Skill Builder Activities, p. 294
- \_\_\_\_\_ Performance Assessment in the Science Classroom, pp. 89, 93, **TCR**

### Reteach/Reinforce

- Directed Reading for Content Mastery, p. 16, **CRB**
- \_\_\_\_\_ Spanish Directed Reading for Content Mastery, p. 20, **CRB**
- Reinforcement, p. 24, **CRB**

### Enrich/Apply

- \_\_\_\_\_ Enrichment, p. 27, **CRB**
- \_\_\_\_\_ Cultural Diversity, p. 41, **TCR**

### Multimedia Options

- \_\_\_\_\_ Vocabulary Puzzlemaker Software, Ch. 10
- \_\_\_\_\_ Guided Reading Audio Program (English & Spanish), Ch. 10
- \_\_\_\_\_ Using the Internet in the Science Classroom, **TCR**
- \_\_\_\_\_ Science Web site: [science.glencoe.com](http://science.glencoe.com)