

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.

QCC Standards

1, 2, 3.2, 16, 16.1, 19, 20, 21.1

Motivate

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

Teach

- _____ Physics Integration, p. 444
- _____ Discussion, p. 444, **TWE**
- _____ Use Science Words, p. 444, **TWE**
- _____ Use an Analogy, p. 444, **TWE**
- _____ Teacher FYI, p. 444, **TWE**
- _____ Science Journal, p. 445, **TWE**
- _____ Identifying Misconceptions, p. 445, **TWE**
- _____ MiniLAB: Model the Water Cycle, p. 445 (MiniLAB Worksheet, p. 4, **CRB**)
- _____ Fun Fact, p. 446, **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. 446
- _____ Skill Builder Activities, p. 446
- _____ 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. 15
- _____ Guided Reading Audio Program (English & Spanish), Ch. 15
- _____ Using the Internet in the Science Classroom, **TCR**
- _____ Science Web site: science.glencoe.com