

## Section 1 ■ What is weather?

**Schedule**

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

Single Periods: 2 sessions

**Objectives**

1. **Explain** how solar heating and water vapor in the atmosphere affect weather.
2. **Discuss** how clouds form and how they are classified.
3. **Describe** how rain, hail, sleet, and snow develop.

 **QCC Standards**

1, 3.2, 3.4, 16.1, 19, 20, 20.1

**Motivate**

\_\_\_\_\_ Explore Activity, p. 461

\_\_\_\_\_ Before You Read, p. 461 (Foldables, p. 17, **CRB**)

■ \_\_\_\_\_ Section Focus Transparency 1, **TCR** (Transparency Master and Study Guide, p. 44, **CRB**)

**Teach**

\_\_\_\_\_ Content Background, pp. 460E–460F, **TWE**

\_\_\_\_\_ Life Science Integration, p. 463

\_\_\_\_\_ Quick Demo, p. 463, **TWE**

\_\_\_\_\_ Lab Demonstration, p. 464, **TWE**

\_\_\_\_\_ MiniLAB: Determining Dew Point, p. 464 (MiniLAB Worksheet, p. 3, **CRB**)

\_\_\_\_\_ Math Skills Activity, p. 465

\_\_\_\_\_ Discussion, pp. 465, 467, 468, **TWE**

\_\_\_\_\_ Visual Learning, p. 466, **TWE**

\_\_\_\_\_ Content Outline for Teaching, Section 1 (Note-taking Worksheet, pp. 33–35, **CRB**)

\_\_\_\_\_ Laboratory Activity 1, pp. 9–12, **CRB**

\_\_\_\_\_ Laboratory Activity 2, pp. 13–15, **CRB**

\_\_\_\_\_ Spanish Resources, Section 1, **CRB**

**Assess**

■ \_\_\_\_\_ Section Assessment, p. 469

\_\_\_\_\_ Skill Builder Activities, p. 469

\_\_\_\_\_ Performance Assessment in the Science Classroom, pp. 89, 99, 151, **TCR**

**Reteach/Reinforce**

■ \_\_\_\_\_ Directed Reading for Content Mastery, pp. 19, 20, **CRB**

\_\_\_\_\_ Spanish Directed Reading for Content Mastery, pp. 23, 24, **CRB**

■ \_\_\_\_\_ Reinforcement, p. 27, **CRB**

\_\_\_\_\_ Mathematics Skill Activities, p. 7, **TCR**

**Enrich/Apply**

\_\_\_\_\_ Enrichment, p. 30, **CRB**

\_\_\_\_\_ Physical Science Critical Thinking/Problem-Solving, p. 16, **TCR**

**Multimedia Options**

\_\_\_\_\_ Vocabulary Puzzlemaker Software, Ch. 16

\_\_\_\_\_ Guided Reading Audio Program (English & Spanish), Ch. 16

\_\_\_\_\_ Interactive CD-ROM, Presentation Builder, Ch. 16

\_\_\_\_\_ Using the Internet in the Science Classroom, **TCR**

\_\_\_\_\_ Science Web site: [science.glencoe.com](http://science.glencoe.com)