

Earth's Atmosphere

▶ pages 841–849
▶ 1 1/2 class session(s)

Section Objectives

- **Describe** the structure and composition of Earth's atmosphere.
- **Identify** common chemical reactions in the atmosphere.
- **Analyze** how human activities affect the atmosphere.

National Science Content Standards

UCP.1, UCP.2; A.1; B.2, B.3, B.6; E.2; F.4, F.6

Georgia QCC

1, 1.2, 2.1, 3.1, 4, 15.6

Focus

_____ Section Focus Transparency 101 and Master

Teach

- _____ Discovery Lab, *SE* p. 841
- _____ MiniLab, *SE* p. 848
- _____ Quick Demo, *TWE* pp. 843, 847
- _____ Chemistry Journal, *TWE* p. 843
- _____ *ChemLab and MiniLab Worksheets*, pp. 103–104 *TCR*
- _____ Teaching Transparency 77 and Master
- _____ *Spanish Resources*, 26.1 *TCR*

Assess

- _____ Section Assessment, *SE* p. 849
- _____ Check for Understanding, *TWE* p. 849
- _____ Reteach, *TWE* p. 849
- _____ *Study Guide for Content Mastery*, pp. 151–152 *TCR*

Enrichment/Application

- _____ Extension, *TWE* p. 842
- _____ *Cooperative Learning in the Science Classroom*, *TCR*

Chapter Assessment

- _____ Assessment, *TWE* pp. 845, 847, 848, 849
- _____ *Alternate Assessment in the Science Classroom*, *TCR*
- _____ *Performance Assessment in the Science Classroom*, *TCR*

Multimedia Options

- _____ **Chemistry Interactive CD-ROM**, Section 26.1 Experiment
- _____ **Vocabulary PuzzleMaker Software**, Ch. 26
- _____ **Cosmic Chemistry Videodisc**, Disc 4, Side 8
- _____ *Using the Internet in the Science Classroom*, *TCR*
- _____ Chemistry Web site: ga.science.glencoe.com

Earth's Water



▶ pages 850–854

▶ 1/2 class session(s)

Section Objectives

- **Trace** the cycle of water in the environment.
- **Identify** the chemical composition of seawater.
- **Describe** methods of desalination, and **relate** the shortage of freshwater in some regions to the development of desalination techniques.
- **Outline** the steps of a water-treatment process.

National Science Content Standards

UCP.1, UCP.2; B.2, B.4, B.6; E.2; F.1, F.3, F.4, F.6

Georgia QCC

4, 15.6

Focus

_____ Section Focus Transparency 102 and Master

Teach

- _____ CBL ChemLab 26, SE p. 862–863
- _____ Quick Demo, TWE pp. 852, 853
- _____ Identifying Misconceptions, TWE p. 851
- _____ Chemistry Journal, TWE p. 851
- _____ ChemLab and MiniLab Worksheets, pp. 105–107 TCR
- _____ Laboratory Manual, pp. 201–208 TCR
- _____ Teaching Transparency 78 and Master
- _____ Spanish Resources, 26.2 TCR

Assess

- _____ Section Assessment, SE p. 854
- _____ Check for Understanding, TWE p. 854
- _____ Reteach, TWE p. 854
- _____ Study Guide for Content Mastery, p. 153 TCR
- _____ Math Skills Transparencies 43–44 and Masters

Enrichment/Application

- _____ Extension, TWE p. 851
- _____ Cooperative Learning in the Science Classroom, TCR

Chapter Assessment

- _____ Assessment, TWE pp. 853, 854
- _____ Alternate Assessment in the Science Classroom, TCR
- _____ Performance Assessment in the Science Classroom, TCR

Multimedia Options

- _____ Chemistry Interactive CD-ROM, Section 26.2 Video
- _____ Vocabulary PuzzleMaker Software, Ch. 26
- _____ Using the Internet in the Science Classroom, TCR
- _____ Chemistry Web site: ga.science.glencoe.com

Earth's Crust

▶ pages 855–857
▶ 1/2 class session(s)

Section Objectives

- **Identify** Earth's major regions.
- **List** the major elements in Earth's crust.
- **Describe** the composition of minerals.

National Science Content Standards

UCP.1, UCP.2; B.2, B.4; E.2; F.3

Georgia QCC

4

Focus

_____ Section Focus Transparency 103 and Master

Teach

- _____ Quick Demo, *TWE* p. 855
 _____ Chemistry Journal, *TWE* p. 856
 _____ *Spanish Resources*, 26.3 *TCR*

Assess

- _____ Section Assessment, *SE* p. 857
 _____ Check for Understanding, *TWE* p. 857
 _____ Reteach, *TWE* p. 857
 _____ *Study Guide for Content Mastery*, p. 154 *TCR*

Enrichment/Application

- _____ Extension, *TWE* p. 857
 _____ *Cooperative Learning in the Science Classroom*, *TCR*

Chapter Assessment

- _____ Assessment, *TWE* pp. 856, 857
 _____ *Alternate Assessment in the Science Classroom*, *TCR*
 _____ *Performance Assessment in the Science Classroom*, *TCR*

Multimedia Options

- _____ **Vocabulary PuzzleMaker Software**, Ch. 26
 _____ *Using the Internet in the Science Classroom*, *TCR*
 _____ Chemistry Web site: ga.science.glencoe.com

Cycles in the Environment

▶ pages 858–861
▶ 1 1/2 class session(s)

Section Objectives

- **Trace** the pathways of carbon and nitrogen through the environment.
- **Compare** and **contrast** the greenhouse effect and global warming.

National Science Content Standards

UCP.1, UCP.2; A.1; B.1, B.2, B.3, B.4, B.6; E.1, E.2; F.3, F.4, F.5, F.6

Georgia QCC

1, 1.2, 2, 2.1, 3.1, 4, 5, 5.2, 6, 6.3, 8, 9, 9.4, 12.1, 14, 15.4, 15.6

Focus

_____ Section Focus Transparency 104 and Master

Teach

- _____ Problem-Solving Lab, SE p. 860
- _____ CBL ChemLab 26, SE p. 862–863
- _____ How It Works, SE p. 864
- _____ Quick Demo, TWE pp. 858, 859
- _____ ChemLab and MiniLab Worksheets, pp. 105–107 TCR
- _____ Small-Scale Laboratory Manual, pp. 77–80 TCR
- _____ Teaching Transparencies 79–80 and Masters
- _____ Spanish Resources, 26.4 TCR

Assess

- _____ Section Assessment, SE p. 861
- _____ Check for Understanding, TWE p. 861
- _____ Reteach, TWE p. 861
- _____ Study Guide for Content Mastery, pp. 155–156 TCR
- _____ *Reviewing Chemistry: Preparing for the Georgia High School Graduation Test*, TCR

Enrichment/Application

- _____ *Challenge Problems*, p. 26 TCR
- _____ *Cooperative Learning in the Science Classroom*, TCR

Chapter Assessment

- _____ Chapter 26 Assessment, SE pp. 866–869
- _____ Assessment, TWE pp. 860, 861, 863
- _____ *Chapter Assessment*, pp. 151–156 TCR
- _____ *Alternate Assessment in the Science Classroom*, TCR
- _____ *Performance Assessment in the Science Classroom*, TCR

Multimedia Options

- _____ **Chemistry Interactive CD-ROM**, Section 26.4 Video
- _____ **Vocabulary PuzzleMaker Software**, Ch. 26
- _____ **MindJogger Videoquizzes**, Ch. 26
- _____ **TestCheck Software**, Ch. 26
- _____ **Chemistry Interactive CD-ROM**, Ch. 26 quiz
- _____ *Using the Internet in the Science Classroom*, TCR
- _____ Chemistry Web site: ga.science.glencoe.com