

pp. 195–200

2 class session(s)

KEY: *SE* = Student Edition, *TWE* = Teacher Wraparound Edition, *TCR* = Teacher Classroom Resources, *BDOL* = Biology: The Dynamics of Life, *URB* = Unit Resources Booklet

Section Objectives

- **Explain** how the processes of diffusion, passive transport, and active transport occur and why they are important to cells.
- **Predict** the effect of a hypotonic, hypertonic, or isotonic solution on a cell.

National Science Content Standards

UCP. 1–3, UCP.5; A.1, A.2; B.6; C.1, C.5

Focus

- _____ Section Focus Transparency 18 and Master, *TCR/URB*
- _____ Two-Minute Chapter Launcher, *TWE* p. 194
- _____ Bellringer, *TWE* p. 195

Teach

- _____ MiniLab 8.1, *SE* p. 198
- _____ Quick Demo, *TWE* p. 196
- _____ Additional Lab, *TWE* p. 196
- _____ *MiniLab Worksheet*, p. 79 *URB*
- _____ *Reading Essentials for Biology*, Section 8.1 *TCR*
- _____ *Transparency Worksheets*, pp. 95, 99–102, 105–108 *URB*
- _____ *Laboratory Manual*, pp. 43–44 *TCR*
- _____ *Concept Mapping*, p. 93 *URB*
- _____ Basic Concepts Transparencies 8, 9 and Masters, *TCR/URB*

Assess/Reteach

- _____ Section Assessment, *SE* p. 200
- _____ Check for Understanding, *TWE* p. 200
- _____ Reteach, *TWE* p. 200
- _____ *Reinforcement and Study Guide*, *URB* English, p. 85; Spanish, p. 89
- _____ Reteaching Skills Transparencies 11, 12 and Masters, *TCR/URB*

Enrichment/Application

- _____ Enrichment, *TWE* pp. 196, 199

Chapter Assessment

- _____ Assessment, *TWE* pp. 196, 198, 200
- _____ *Performance Assessment in the Biology Classroom*, *TCR*
- _____ *Alternate Assessment in the Science Classroom*, *TCR*

Multimedia Options

- _____ **Interactive Chalkboard CD-ROM:** Section 8.1 Presentation
- _____ **MindJogger Videoquizzes**, Ch. 8 DVD/VHS
- _____ **ExamView®Pro Testmaker CD-ROM**, Ch. 8
- _____ *Using the Internet in the Science Classroom*, *TCR*
- _____ **TeacherWorks™ CD-ROM**
- _____ **Guided Reading Audio Summaries MP3**
- _____ Glencoe Science Web site: bdol.glencoe.com

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Section Objectives

- **Sequence** the events of the cell cycle.
- **Relate** the function of a cell to its organization in tissues, organs, and organ systems.

National Science Content Standards

UCP.1–3, UCP.5; A.1, A.2; B.2, B.3; C.1, C.5; G.1–3

Focus

_____ Section Focus Transparency 19 and Master, *TCR/URB*
 _____ Bellringer, *TWE* p. 201

Teach

_____ Problem-Solving Lab 8.1, <i>SE</i> p. 203	_____ Cultural Diversity, <i>TWE</i> p. 204
_____ Problem-Solving Lab 8.2, <i>SE</i> p. 204	_____ <i>MiniLab Worksheet</i> , p. 80 <i>URB</i>
_____ Inside Story, <i>SE</i> p. 205	_____ <i>BioLab Worksheet</i> , pp. 81–82 <i>URB</i>
_____ MiniLab 8.2, <i>SE</i> p. 209	_____ <i>Reading Essentials for Biology</i> , Section 8.2 <i>TCR</i>
_____ Investigate BioLab, <i>SE</i> p. 214	_____ <i>Transparency Worksheets</i> , pp. 96, 103–104, 109–110 <i>URB</i>
_____ Biology Journal, <i>TWE</i> p. 201	_____ <i>Laboratory Manual</i> , pp. 45–48 <i>TCR</i>
_____ Quick Demo, <i>TWE</i> p. 202	_____ Basic Concepts Transparency 10 and Master, <i>TCR/URB</i>
_____ Portfolio, <i>TWE</i> p. 206	

Assess/Reteach

_____ Section Assessment, <i>SE</i> p. 210	_____ <i>Reinforcement and Study Guide</i> , <i>URB</i>
_____ Reinforcement, <i>TWE</i> p. 208	English, pp. 86–87; Spanish, pp. 90–91
_____ Check for Understanding, <i>TWE</i> p. 210	_____ Reteaching Skills Transparency 13 and Master, <i>TCR/URB</i>
_____ Reteach, <i>TWE</i> p. 210	

Enrichment/Application

_____ Enrichment, *TWE* p. 206
 _____ Tech Prep, *TWE* p. 207
 _____ Extension, *TWE* pp. 205, 210

Chapter Assessment

_____ Assessment, *TWE* pp. 203, 204, 209, 210
 _____ *Performance Assessment in the Biology Classroom*, *TCR*
 _____ *Alternate Assessment in the Science Classroom*, *TCR*

Multimedia Options

_____ Interactive Chalkboard CD-ROM: Section 8.2 Presentation	_____ TeacherWorks™ CD-ROM
_____ MindJogger Videoquizzes , Ch. 8 DVD/VHS	_____ Guided Reading Audio Summaries MP3
_____ ExamView® Pro Testmaker CD-ROM , Ch. 8	_____ Virtual Labs CD-ROM Virtual Lab: <i>Cell Reproduction</i>
_____ <i>Using the Internet in the Science Classroom</i> , <i>TCR</i>	_____ Glencoe Science Web site: bdol.glencoe.com

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Section Objectives

- **Describe** the role of enzymes in the regulation of the cell cycle.
- **Distinguish** between events of a normal cell cycle and the abnormal events that result in cancer.
- **Identify** ways to potentially reduce the risk of cancer.

National Science Content Standards

UCP.1, UCP.2; A.1, A.2; C.1, C.6; E.1, E.2; F.1, F.4, F.5, E.6; G.1, G.2

Focus

- _____ Section Focus Transparency 20 and Master, *TCR/URB*
 _____ Bellringer, *TWE* p. 211

Teach

- _____ Problem-Solving Lab 8.3, *SE* p. 212
 _____ Connection to Health, *SE* p. 216
 _____ *Reading Essentials for Biology*, Section 8.3 *TCR*
 _____ *Transparency Worksheet*, p. 97 *URB*

Assess/Reteach

- _____ Section Assessment, *SE* p. 213
 _____ Check for Understanding, *TWE* p. 213
 _____ Reteach, *TWE* p. 213
 _____ *Reinforcement and Study Guide*, *URB*: English, p. 88; Spanish, p. 92

Enrichment/Application

- _____ Extension, *TWE* p. 213
 _____ *Critical Thinking/Problem Solving*, p. 94 *URB*

Chapter Assessment

- _____ Chapter Assessment, *SE* pp. 217–219
 _____ Assessment, *TWE* pp. 212, 213
 _____ *Chapter Assessment*, pp. 111–116 *URB*
 _____ *Student Recording Sheet*, p. 117 *URB*
 _____ *Performance Assessment in the Biology Classroom*, *TCR*
 _____ *Alternate Assessment in the Science Classroom*, *TCR*
 _____ **Interactive Chalkboard CD-ROM**, Chapter 8 Assessment
 _____ *The Princeton Review: Reviewing Biology*, pp. 15–16 *TCR*

Multimedia Options

- _____ **Interactive Chalkboard CD-ROM**: Section 8.3 Presentation
 _____ **MindJogger Videoquizzes**, Ch. 8 DVD/VHS
 _____ **ExamView® Pro Testmaker CD-ROM**, Ch. 8
 _____ *Using the Internet in the Science Classroom*, *TCR*
 _____ **TeacherWorks™ CD-ROM**
 _____ **Guided Reading Audio Summaries MP3**
 _____ Glencoe Science Web site: bdol.glencoe.com