

pp. 741–746

1 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

- **Relate** the structural and behavioral adaptations of arthropods to their ability to live in different habitats.
- **Analyze** the adaptations that make arthropods an evolutionarily successful phylum.

National Science Content Standards

UCP. 1–5; A.1, A.2; C.3–6; F.1, F.5

Focus

- _____ Section Focus Transparency 69 and Master, *TCR/URB*
- _____ Two-Minute Chapter Launcher, *TWE* p. 740
- _____ Bellringer, *TWE* p. 741

Teach

- _____ MiniLab 28.1, *SE* p. 743
- _____ Problem-Solving Lab 28.1, *SE* p. 746
- _____ Additional Lab, *TWE* p. 742
- _____ Quick Demo, *TWE* p. 742
- _____ Biology Journal, *TWE* p. 744
- _____ *MiniLab Worksheet*, p. 99 *URB*
- _____ *Transparency Worksheets*, pp. 117, 119–122 *URB*
- _____ *Reading Essentials for Biology*, Section 28.1 *TCR*
- _____ Basic Concepts Transparency 49 and Master, *TCR/URB*

Assess/Reteach

- _____ Section Assessment, *SE* p. 746
- _____ Check for Understanding, *TWE* p. 746
- _____ Reteach, *TWE* p. 746
- _____ Reteaching Skills Transparency 41 and Master, *TCR/URB*
- _____ *Reinforcement and Study Guide*, *URB*: English, pp. 107–108; Spanish, pp. 111–112

Enrichment/Application

- _____ Extension, *TWE* p. 746

Chapter Assessment

- _____ Assessment, *TWE* pp. 743, 745, 746
- _____ *Performance Assessment in the Biology Classroom*, *TCR*
- _____ *Alternate Assessment in the Science Classroom*, *TCR*

Multimedia Options

- _____ **Interactive Chalkboard CD-ROM:** Section 28.1 Presentation
- _____ **MindJogger Videoquizzes**, Ch. 28 DVD/VHS
- _____ **ExamView®Pro Testmaker CD-ROM**, Ch. 28
- _____ **TeacherWorks™ CD-ROM**
- _____ **Guided Reading Audio Summaries MP3**
- _____ **Virtual Labs CD-ROM**
- _____ Virtual Lab: *Classifying Arthropods*
- _____ *Using the Internet in the Science Classroom*, *TCR*
- _____ Glencoe Science Web site: bdol.glencoe.com

pp. 747–755

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

- **Compare and contrast** the similarities and differences among the major groups of arthropods.
- **Explain** the adaptations of insects that contribute to their success.

National Science Content Standards

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

Focus

_____ Section Focus Transparency 70 and Master, *TCR/URB*
 _____ Bellringer, *TWE* p. 747

Teach

_____ Inside Story, *SE* p. 749
 _____ Inside Story, *SE* p. 752
 _____ MiniLab 28.2, *SE* p. 754
 _____ Design Your Own BioLab, *SE* p. 756
 _____ Biology and Society, *SE* p. 758
 _____ Quick Demo, *TWE* pp. 751, 753
 _____ Cultural Diversity, *TWE* p. 751

_____ *MiniLab Worksheet*, p. 100 *URB*
 _____ *BioLab Worksheet*, pp. 101–102 *URB*
 _____ *Inside Story Poster*, *TCR*
 _____ *Laboratory Manual*, pp. 175–178, 179–180 *TCR*
 _____ *Transparency Worksheets*, pp. 118, 121–124 *URB*
 _____ *Reading Essentials for Biology*, Section 28.2 *TCR*

Assess/Reteach

_____ Section Assessment, *SE* p. 755
 _____ Check for Understanding, *TWE* p. 755
 _____ Reteach, *TWE* p. 755

_____ *Reinforcement and Study Guide*, *URB*
 English, pp. 109–110; Spanish, pp. 113–114
 _____ Reteaching Skills Transparencies 41, 42 and Masters, *TCR/URB*

Enrichment/Application

_____ Enrichment, *TWE* p. 753
 _____ Tech Prep, *TWE* p. 752
 _____ Extension, *TWE* p. 755
 _____ *Real World BioApplications*, pp. 103–104, 105–106, *URB*

Chapter Assessment

_____ Chapter Assessment, *SE* pp. 759–761
 _____ Assessment, *TWE* pp. 754–755
 _____ *Chapter Assessment*, pp. 125–130 *URB*
 _____ *Student Recording Sheet*, p. 131 *URB*
 _____ **Interactive Chalkboard CD-ROM:**
 Chapter 28 Assessment

_____ *Performance Assessment in the Biology Classroom*, *TCR*
 _____ *Alternate Assessment in the Science Classroom*, *TCR*
 _____ *The Princeton Review: Reviewing Biology*, pp. 55–56 *TCR*

Multimedia Options

_____ **Interactive Chalkboard CD-ROM:**
 Section 28.2 Presentation
 _____ **MindJogger Videoquizzes**, Ch. 28 DVD/VHS
 _____ **ExamView® Pro Testmaker CD-ROM**, Ch. 28

_____ **TeacherWorks™ CD-ROM**
 _____ **Guided Reading Audio Summaries MP3**
 _____ *Using the Internet in the Science Classroom*, *TCR*
 _____ Glencoe Science Web site: bdol.glencoe.com