

Lesson Plan

30.1

Fishes

pp. 793–802

1 1/2 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

- **Relate** the structural adaptations of fishes to their environments.
- **Compare and contrast** the characteristics of the different groups of fishes.
- **Interpret** the phylogeny of fishes.

National Science Content Standards

UCP.1, UCP.2, UCP.4, UCP.5; A.1, A.2; C.3–6

Focus

- _____ Section Focus Transparency 73 and Master, *TCR/URB*
- _____ Two-Minute Chapter Launcher, *TWE* p. 792
- _____ Bellringer, *TWE* p. 793

Teach

- _____ MiniLab 30.1, *SE* p. 795
- _____ Problem-Solving Lab 30.1, *SE* p. 796
- _____ Inside Story, *SE* p. 801
- _____ Cultural Diversity, *TWE* p. 795
- _____ Quick Demo, *TWE* pp. 797, 798
- _____ Additional Lab, *TWE* p. 798
- _____ Portfolio, *TWE* p. 800
- _____ *MiniLab Worksheet*, pp. 3–4 *URB*
- _____ *Transparency Worksheets*, pp. 21, 23–26 *URB*
- _____ *Reading Essentials for Biology*, Section 30.1 *TCR*
- _____ *Laboratory Manual*, pp. 187–188 *TCR*
- _____ Basic Concepts Transparencies 52, 53 and Masters, *TCR/URB*

Assess/Reteach

- _____ Section Assessment, *SE* p. 802
- _____ Check for Understanding, *TWE* p. 802
- _____ Reteach, *TWE* p. 802
- _____ *Reinforcement and Study Guide*, *URB*: English, pp. 11–12; Spanish, pp. 15–16

Enrichment/Application

- _____ Project, *TWE* p. 796
- _____ Enrichment, *TWE* p. 798
- _____ Extension, *TWE* p. 802
- _____ *Real World BioApplications*, pp. 9–10 *URB*

Chapter Assessment

- _____ Assessment, *TWE* pp. 795, 796, 799, 802
- _____ *Performance Assessment in the Biology Classroom*, *TCR*
- _____ *Alternate Assessment in the Science Classroom*, *TCR*

Multimedia Options

- _____ **Interactive Chalkboard CD-ROM:**
 - Section 30.1 Presentation
- _____ **MindJogger Videoquizzes**, Ch. 30 DVD/VHS
- _____ **ExamView® Pro Testmaker CD-ROM**, Ch. 30
- _____ **TeacherWorks™ CD-ROM**
- _____ **Guided Reading Audio Summaries MP3**
- _____ *Using the Internet in the Science Classroom*, *TCR*
- _____ Glencoe Science Web site: bdol.glencoe.com

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Section Objectives

- **Relate** the demands of a terrestrial environment to the adaptations of amphibians.
- **Relate** the evolution of the three-chambered heart to the amphibian lifestyle.

National Science Content Standards

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

Focus

- _____ Section Focus Transparency 74 and Master, *TCR/URB*
- _____ Bellringer, *TWE* p. 803

Teach

- _____ Inside Story, *SE* p. 804
- _____ MiniLab 30.2, *SE* p. 806
- _____ Investigate BioLab, *SE* p. 810
- _____ Connection to Chemistry, *SE* p. 812
- _____ Biology Journal, *TWE* pp. 805, 808
- _____ Portfolio, *TWE* p. 808
- _____ Quick Demo, *TWE* p. 805
- _____ *Concept Mapping*, p. 19 *URB*
- _____ *Inside Story Poster*, *TCR*
- _____ *MiniLab Worksheet*, pp. 5–6 *URB*
- _____ *BioLab Worksheet*, pp. 7–8 *URB*
- _____ *Transparency Worksheets*, pp. 22, 25–26, 27–28 *URB*
- _____ *Reading Essentials for Biology*, Section 30.2 *TCR*
- _____ *Laboratory Manual*, pp. 189–194 *TCR*
- _____ Basic Concepts Transparency 53 and Master, *TCR/URB*

Assess/Reteach

- _____ Section Assessment, *SE* p. 809
- _____ Check for Understanding, *TWE* p. 809
- _____ Reteach, *TWE* p. 809
- _____ Reteaching Skills Transparency 44 and Master, *TCR/URB*
- _____ *Reinforcement and Study Guide*, *URB*: English, pp. 13–14; Spanish, pp. 17–18

Enrichment/Application

- _____ Project, *TWE* p. 807
- _____ Extension, *TWE* p. 809
- _____ *Critical Thinking/Problem Solving*, p. 20 *URB*

Chapter Assessment

- _____ Chapter Assessment, *SE* pp. 813–815
- _____ Assessment, *TWE* pp. 806, 809
- _____ **Interactive Chalkboard CD-ROM:**
- _____ Chapter 30 Assessment
- _____ *Chapter Assessment*, pp. 29–34 *URB*
- _____ *Student Recording Sheet*, p. 35 *URB*
- _____ *Performance Assessment in the Biology Classroom*, *TCR*
- _____ *Alternate Assessment in the Science Classroom*, *TCR*
- _____ *The Princeton Review: Reviewing Biology*, pp. 59–60 *TCR*

Multimedia Options

- _____ **Interactive Chalkboard CD-ROM:**
- _____ Section 30.2 Presentation
- _____ **MindJogger Videoquizzes**, Ch. 30 DVD/VHS
- _____ **ExamView®Pro Testmaker CD-ROM**, Ch. 30
- _____ **TeacherWorks™ CD-ROM**
- _____ **Guided Reading Audio Summaries MP3**
- _____ **Virtual Labs CD-ROM**
- _____ Virtual Lab: *Frog Dissection*
- _____ *Using the Internet in the Science Classroom*, *TCR*
- _____ Glencoe Science Web site: bdol.glencoe.com