

Lesson Plan

31.1

Reptiles

pp. 840–851

1 1/2 class session(s)



KEY: SE = Student Edition, TWE = Teacher Wraparound Edition, TCR = Teacher Classroom Resources, NGS = National Geographic Society videodisc, BDOL = Biology: The Dynamics of Life

Section Objectives

- Compare the characteristics of different groups of reptiles.
- Explain how reptile adaptations make them suited to life on land.

National Science Content Standards

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

Georgia QCC

1.1, 2.1, 3.2, 12.1, 21.1, 21.2, 21.3

Focus

- _____ Section Focus Transparency 75 and Master Getting Started Demo, TWE p. 840
- _____ Bellringer, TWE p. 841

Teach

- _____ Inside Story, SE p. 844
- _____ Careers in Biology, SE p. 846
- _____ Focus on Dinosaurs, SE p. 850
- _____ Alternative Lab, TWE p. 842
- _____ Quick Demo, TWE pp. 842, 848
- _____ Biology Journal, TWE p. 844
- _____ Portfolio, TWE pp. 847, 848, 850
- _____ Basic Concepts Transparencies 54, 55 and Masters
- _____ Spanish Resources

Assess/Reteach

- _____ Section Assessment, SE p. 849
- _____ Check for Understanding, TWE p. 848
- _____ Reteach, TWE p. 848
- _____ Reteaching Skills Transparency 45 and Master Reinforcement and Study Guide, pp. 137–138 TCR
- _____ Content Mastery, pp. 153–154, 156 TCR

Enrichment/Application

- _____ Enrichment, TWE p. 843
- _____ Tech Prep, TWE p. 845
- _____ Project, TWE p. 846
- _____ Extension, TWE p. 849

Close

- _____ Activity, TWE p. 849

Chapter Assessment

- _____ Assessment, TWE pp. 843, 847, 849
- _____ Performance Assessment in the Biology Classroom, TCR
- _____ Alternate Assessment in the Science Classroom, TCR

Multimedia Options

- _____ BDOL CD-ROM Section 31.1 Summary; Video: Snake Feeding, Sea Turtle; Exploration: The Five Kingdoms; BioQuest: Biodiversity Park
- _____ MindJogger Videoquizzes, Ch. 31 videotape
- _____ ExamView®Pro Software, Ch. 31
- _____ BDOL Videodisc: Snake Feeding, Sea Turtle
- _____ Videodisc: The Secret of Life: Reptile/Bird Heart; The Infinite Voyage: The Great Dinosaur Hunt
- _____ NGS Videodisc: GTV: Planetary Manager
- _____ Using the Internet in the Science Classroom, TCR
- _____ Glencoe Science Web Site: ga.science.glencoe.com



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Section Objectives

- **Interpret** the phylogeny of birds.
- **Explain** how bird adaptations make them suited to life on land.
- **Relate** bird adaptations to their ability to fly.

National Science Content Standards

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

Georgia QCC

1.1, 1.2, 2.1, 3.2, 12.1, 21.1, 21.2, 21.3

Focus

- _____ Section Focus Transparency 86 and Master Bellringer, *TWE* p. 852

Teach

- _____ MiniLab 31-1, *SE* p. 853
- _____ Inside Story, *SE* p. 855
- _____ MiniLab 31-2, *SE* p. 856
- _____ Problem-Solving Lab 31-1, *SE* p. 857
- _____ Design Your Own BioLab, *SE* p. 860
- _____ Biology & Society, *SE* p. 862
- _____ Biology Journal, *TWE* pp. 852, 854
- _____ Portfolio, *TWE* pp. 853, 856
- _____ Quick Demo, *TWE* p. 854
- _____ Cultural Diversity, *TWE* p. 858
- _____ *Concept Mapping*, p. 31 *TCR*
- _____ *BioLab and MiniLab Worksheets*, pp. 139–142 *TCR*
- _____ *Laboratory Manual*, pp. 219–228 *TCR*
- _____ Basic Concepts Transparencies 56, 57 and Masters
- _____ *Spanish Resources*

Assess/Reteach

- _____ Section Assessment, *SE* p. 859
- _____ Check for Understanding, *TWE* p. 858
- _____ Reteach, *TWE* p. 858
- _____ Reteaching Skills Transparency 46 and Master *Reinforcement and Study Guide*, pp. 139–140 *TCR*
- _____ *Content Mastery*, pp. 153, 155–156 *TCR*
- _____ *5 Days to the Georgia High School Graduation Test*, *TCR*

Enrichment/Application

- _____ Enrichment, *TWE* p. 854
- _____ Tech Prep, *TWE* p. 858
- _____ Extension, *TWE* p. 858
- _____ *Critical Thinking/Problem Solving*, p. 31 *TCR*
- _____ *Tech Prep Applications*, pp. 39–40 *TCR*

Close

- _____ Activity, *TWE* p. 859

Chapter Assessment

- _____ Chapter Assessment, *SE* pp. 863–865
- _____ Assessment, *TWE* pp. 853, 856, 857, 858, 859
- _____ *Chapter Assessment*, pp. 181–186 *TCR*
- _____ **BDOL Interactive CD-ROM**, Chapter 31 quiz
- _____ *Alternate Assessment in the Science Classroom*, *TCR*
- _____ *Performance Assessment in the Biology Classroom*, *TCR*

Multimedia Options

- _____ **BDOL CD-ROM** Section 31.2 Summary; Exploration: *Bird Adaptation*; Video: *Penguins, Eagles, Shorebirds, Bird Courtship*
- _____ **MindJogger Videoquizzes**, Ch. 31 videotape
- _____ **ExamView® Pro Software**, Ch. 31
- _____ **Videodisc:** *The Secret of Life: Bird–Air Exchange Using the Internet in the Science Classroom*, *TCR*
- _____ Glencoe Science Web Site: ga.science.glencoe.com