

Lesson Plan 16.1

Primate Adaptation and Evolution



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

pp. 428–437

1 class session(s)

Section Objectives

- Recognize the adaptations of primates.
- Compare and contrast the diversity of living primates.
- Distinguish the evolutionary relationships of primates.

National Science Content Standards

UCP.1–5; C.3, C.4, C.6; G.2, G.3

Georgia QCC

1.1, 1.2, 2.1, 12.1, 12.2, 12.3, 13.3

Focus

- _____ Section Focus Transparency 39 and Master
- _____ Getting Started Demo, *TWE* p. 438
- _____ Bellringer, *TWE* p. 429

Teach

- _____ Inside Story, *SE* p. 430
- _____ MiniLab 16-1, *SE* p. 433
- _____ Problem-Solving Lab 16-1, *SE* p. 434
- _____ Focus on Primates, *SE* p. 436
- _____ Earth Science Connection, *SE* p. 448
- _____ Biology Journal, *TWE* pp. 430, 432
- _____ Quick Demo, *TWE* p. 432
- _____ Portfolio, *TWE* pp. 434, 436
- _____ *BioLab and MiniLab Worksheets*, p. 75 *TCR*
- _____ *Laboratory Manual*, pp. 109–112 *TCR*
- _____ *Concept Mapping*, p. 16 *TCR*
- _____ *Inside Story Poster*, *TCR*
- _____ *Spanish Resources*

Assess/Reteach

- _____ Section Assessment, *SE* p. 435
- _____ Check for Understanding, *TWE* p. 435
- _____ Reteach, *TWE* p. 435
- _____ *Reinforcement and Study Guide*, pp. 69–70 *TCR*
- _____ *Content Mastery*, pp. 77–80 *TCR*

Enrichment/Application

- _____ Project, *TWE* pp. 431, 437
- _____ Tech Prep, *TWE* p. 432
- _____ Extension, *TWE* p. 435

Close

- _____ Discussion, *TWE* p. 435

Chapter Assessment

- _____ Assessment, *TWE* pp. 432, 433, 434, 435
- _____ *Alternate Assessment in the Science Classroom*, *TCR*
- _____ *Performance Assessment in the Biology Classroom*, *TCR*

Multimedia Options

- _____ **BDOL CD-ROM** Section 16.1 Summary; Video: *Primate Characteristics*; BioQuest: *BioDiversity Park*; Video: *Gorilla*
- _____ **MindJogger Videoquizzes**, Ch. 16 videotape
- _____ **Videotape:** *The Secret of Life: Gone Before You Know It*
- _____ **ExamView®Pro Software**, Ch. 16
- _____ **BDOL Videodisc:** *Primate Characteristics*
- _____ **Videodisc:** *The Infinite Voyage: The Keepers of Eden*
- _____ **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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2 class session(s)

Section Objectives

- **Compare and contrast** the adaptations of australopithecines with those of apes and humans.
- **Summarize** the major anatomical changes in hominids during human evolution.

National Science Content Standards

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

Georgia QCC

1.1, 1.2, 2.1, 6.4, 12.1, 12.2, 12.3, 13.3

Focus

- _____ Section Focus Transparency 40 and Master Bellringer, TWE p. 438

Teach

- _____ MiniLab 16-2, SE p. 439
- _____ Problem-Solving Lab 16-2, SE p. 443
- _____ Investigate BioLab, SE p. 446
- _____ Cultural Diversity, TWE p. 439
- _____ Quick Demo, TWE p. 440
- _____ Biology Journal, TWE p. 441
- _____ Alternative Lab, TWE p. 442
- _____ BioLab and MiniLab Worksheets, pp. 76–79 TCR
- _____ Laboratory Manual, pp. 113–116 TCR
- _____ Basic Concepts Transparency 23 and Master
- _____ Spanish Resources

Assess/Reteach

- _____ Section Assessment, SE p. 445
- _____ Check for Understanding, TWE p. 445
- _____ Reteach, TWE p. 445
- _____ Reinforcement and Study Guide, pp. 71–72 TCR
- _____ Content Mastery, pp. 77–80 TCR
- _____ Reteaching Skills Transparency 25 and Master
- _____ 5 Days to the Georgia High School Graduation Test, TCR

Enrichment/Application

- _____ Project, TWE pp. 440, 444
- _____ Tech Prep, TWE p. 442
- _____ Enrichment, TWE p. 444
- _____ Extension, TWE p. 445
- _____ Critical Thinking/Problem Solving, p. 16 TCR
- _____ Tech Prep Applications, pp. 23–24 TCR

Close

- _____ Discussion, TWE p. 445

Chapter Assessment

- _____ Chapter Assessment, SE pp. 449–451
- _____ Assessment, TWE pp. 439, 442, 443, 445, 447
- _____ BDOL Interactive CD-ROM, Chapter 16 quiz
- _____ Chapter Assessment, pp. 91–96 TCR
- _____ Alternate Assessment in the Science Classroom, TCR
- _____ Performance Assessment in the Biology Classroom, TCR

Multimedia Options

- _____ BDOL CD-ROM Section 16.2 Summary
- _____ MindJogger Videoquizzes, Ch. 16 videotape
- _____ Videotape: *The Secret of Life: What's in Stetter's Pond: The Basics of Life, Homo Sapiens—Origin* (a, b)
- _____ ExamView®Pro Software, Ch. 16
- _____ Videodisc: *The Infinite Voyage: The Dawn of Humankind*
- _____ Using the Internet in the Science Classroom, TCR
- _____ Glencoe Science Web Site: ga.science.glencoe.com