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1 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

- **Evaluate** the history, purpose, and methods of taxonomy.
- **Explain** the meaning of a scientific name.
- **Describe** the organization of taxa in a biological classification system.

National Science Content Standards

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

Georgia QCC

1.1, 2.1, 3.1, 3.2, 13.1, 13.2, 13.3

Focus

- _____ Section Focus Transparency 41 and Master Getting Started Demo, *TWE* p. 452
- _____ Bellringer, *TWE* p. 453

Teach

- _____ MiniLab 17-1, *SE* p. 456
- _____ Problem-Solving Lab 17-1, *SE* p. 457
- _____ Focus on Kingdoms of Life, *SE* p. 460
- _____ Investigate BioLab, *SE* p. 474
- _____ Biology Journal, *TWE* pp. 454, 457, 458, 460
- _____ Quick Demo, *TWE* pp. 454, 461
- _____ Portfolio, *TWE* pp. 456, 458
- _____ *BioLab and MiniLab Worksheets*, p. 81 *TCR*
- _____ *Laboratory Manual*, pp. 117–120 *TCR*
- _____ *Concept Mapping*, p. 17 *TCR*
- _____ *Spanish Resources*

Assess/Reteach

- _____ Section Assessment, *SE* p. 459
- _____ Check for Understanding, *TWE* p. 459
- _____ Reinforcement, *TWE* p. 459
- _____ Reteach, *TWE* p. 459
- _____ *Reinforcement and Study Guide*, pp. 73–74 *TCR*
- _____ *Content Mastery*, p. 81–82, 84 *TCR*

Enrichment/Application

- _____ Tech Prep, *TWE* pp. 455, 456
- _____ Extension, *TWE* p. 459
- _____ Project, *TWE* p. 461
- _____ Enrichment, *TWE* p. 463
- _____ *Tech Prep Applications*, pp. 25–26 *TCR*
- _____ *Critical Thinking/Problem Solving*, p. 17 *TCR*

Close

- _____ Activity, *TWE* p. 459

Chapter Assessment

- _____ Assessment, *TWE* pp. 456, 457, 458, 459
- _____ *Alternate Assessment in the Science Classroom*, *TCR*
- _____ *Performance Assessment in the Biology Classroom*, *TCR*

Multimedia Options

- _____ **BDOL CD-ROM** Section 17.1 Summary; BioQuest: *Biodiversity*
- _____ **MindJogger Videoquizzes**, Ch. 17 videotape
- _____ **Videotape:** *The Secret of Life: Gone Before You Know It*
- _____ **ExamView®Pro Software**, Ch. 17
- _____ **Videodisc:** *The Infinite Voyage: The Great Dinosaur, Insects: the Ruling Class*
- _____ **NGS Videodisc:** *STV: Biodiversity Using the Internet in the Science Classroom*, *TCR*
- _____ Glencoe Science Web Site: ga.science.glencoe.com



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Section Objectives

- Describe how evolutionary relationships are determined.
- Explain how cladistics reveals phylogenetic relationships.
- Compare the six kingdoms of organisms.

National Science Content Standards

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

Georgia QCC

1.1, 1.2, 2.1, 4.3, 4.5, 6.1, 6.4, 12.2, 13.1, 13.2, 13.3, 13.4

Focus

_____ Section Focus Transparency 42 and Master
 _____ Bellringer, TWE p. 464

Teach

_____ MiniLab 17-2, SE p. 467
 _____ Problem-Solving Lab 17-2, SE p. 470
 _____ BioTechnology, SE p. 476
 _____ Biology Journal, TWE p. 466
 _____ Alternative Lab, TWE p. 468
 _____ Portfolio, TWE p. 471

_____ Quick Demo, TWE p. 471
 _____ Cultural Diversity, TWE p. 472
 _____ BioLab and MiniLab Worksheets, pp. 83–84 TCR
 _____ Laboratory Manual, pp. 121–124 TCR
 _____ Basic Concepts Transparency 24 and Master
 _____ Spanish Resources

Assess/Reteach

_____ Section Assessment, SE p. 473
 _____ Check for Understanding, TWE p. 472
 _____ Reteach, TWE p. 473

_____ Reinforcement and Study Guide, pp. 75–76 TCR
 _____ Content Mastery, pp. 81, 83–84 TCR
 _____ Reteaching Skills Transparency 26 and Master
 _____ 5 Days to the Georgia High School Graduation Test, TCR

Enrichment/Application

_____ Project, TWE p. 471
 _____ Extension, TWE p. 473

Close

_____ Activity, TWE p. 473

Chapter Assessment

_____ Chapter Assessment, SE pp. 477–479
 _____ Assessment, TWE pp. 466, 467, 469, 470, 473, 475
 _____ BDOL Interactive CD-ROM, Chapter 17 quiz

_____ Chapter Assessment, pp. 97–102 TCR
 _____ Alternate Assessment in the Science Classroom, TCR
 _____ Performance Assessment in the Biology Classroom, TCR

Multimedia Options

_____ BDOL CD-ROM Section 17.2 Summary;
 Video: *Museum Collections*; Exploration: *The Six Kingdoms*

_____ MindJogger Videoquizzes, Ch. 17 videotape
 _____ ExamView®Pro Software, Ch. 17
 _____ BDOL Videodisc: *Museum Collections*

_____ Videodisc: *The Secret of Life*: Using Cladistics, Vertebrate Cladogram, Domains/Six Kingdoms
 _____ Using the Internet in the Science Classroom, TCR
 _____ Glencoe Science Web Site:
ga.science.glencoe.com