



Chapter Pacing Guide

Please note that this pace is based on completing selected sections of the text in 90 classes, approximately 90 minutes each. Less time can be allotted for each chapter if you plan to teach the entire text.

Period	Content
0.5	17.1 Classification
1	17.2 The Six Kingdoms
0.5	Chapter Assessment

Block Schedule Planning Guide 17.1

Classification

pages 453–463

National Science Content Standards: UCP.1, UCP.2, UCP.4; A.2; C.3, C.5; G.1–3

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.

Georgia QCC: 1.1, 2.1, 3.1, 3.2, 13.1, 13.2, 13.3

Lesson Resources

- _____ Section Focus Transparency 41 and Master
- _____ *BioLab and MiniLab Worksheets*, p. 81 TCR
- _____ *Concept Mapping*, p. 17 TCR
- _____ *Reinforcement and Study Guide*, pp. 73–74 TCR
- _____ *Content Mastery*, p. 82 TCR

Multimedia Resources

- _____ **BDOL CD-ROM** Section 17.1 Summary
- _____ **MindJogger Videoquizzes**, Ch. 17
- _____ **English/Spanish Audiocassettes**, Section 17.1

- _____ **BDOL Videodisc**, Disc 1, Side 2
- _____ *Using the Internet in the Science Classroom*, TCR
- _____ Glencoe Science Web Site:
ga.science.glencoe.com

Optional Resources

- _____ *Laboratory Manual*, p. 117–120 TCR
- _____ *Tech Prep Applications*, pp. 25–26 TCR
- _____ *Critical Thinking/Problem Solving*, p. 17 TCR
- _____ *Spanish Resources*

Pacing Guide

1/2 period

Lesson & MiniLab

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

Activity	Resources	Suggested Time
Classroom Management <ul style="list-style-type: none"> • Distribute the corrected Chapter 15 tests while students complete the Bellringer for Section 17.1. 	Section Focus Transparency 41 and Master	5 minutes
Discussion <ul style="list-style-type: none"> • Answer Chapter 15 test questions. 	<i>Chapter Assessment</i> , pp. 278–280 TCR	5 minutes
Core Lesson <ul style="list-style-type: none"> • Introduce Chapter 17 with the Getting Started Demo. • Teach the main concepts of Section 17.1. • Have students do MiniLab 17–1, and check their answers to the Analysis questions. 	TWE, p. 452 TWE, pp. 453–459 TWE and SE, p. 456	10–15 minutes
In-Class Check <ul style="list-style-type: none"> • Do the Performance Assessment activity for MiniLab 17–1. • Have students do the Brainstorming activity in small groups. • Do the Check for Understanding and Reteach strategies. 	TWE, p. 456 TWE, p. 455 TWE, p. 459	10–15 minutes
Homework <ul style="list-style-type: none"> • Have students complete Problem-Solving Lab 17–1. • Assign Section 17.1 Assessment. • Assign relevant questions from Chapter 17 Assessment. 	SE, p. 457 SE, p. 459 SE, pp. 477–479	5 minutes
Closing <ul style="list-style-type: none"> • Assess students with the Close Activity. 	TWE, p. 459	5 minutes

[total = 45 minutes]

Block Schedule Planning Guide 17.2

The Six Kingdoms

pages 464–473

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

Objectives

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

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

Pacing Guide

1 period

Lesson & BioLab

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Lesson Resources

- _____ Section Focus Transparency 42 and Master
- _____ Basic Concepts Transparency 24 and Master
- _____ *BioLab and MiniLab Worksheets*, pp. 82–84 TCR
- _____ *Concept Mapping*, p. 17 TCR
- _____ *Reinforcement and Study Guide*, pp. 75–76 TCR
- _____ *Content Mastery*, p. 83 TCR
- _____ Reteaching Skills Transparency 26 and Master

- _____ *MindJogger Videoquizzes*, Ch. 17
- _____ *English/Spanish Audiocassettes*, Section 17.2
- _____ *Using the Internet in the Science Classroom*, TCR
- _____ Glencoe Science Web Site:
ga.science.glencoe.com

Optional Resources

- _____ *Laboratory Manual*, pp. 121–124 TCR
- _____ *Spanish Resources*

Multimedia Resources

- _____ BDOL CD-ROM Section 17.2 Summary

Lesson Plan

Activity	Resources	Suggested Time
Classroom Management <ul style="list-style-type: none"> • Have students complete the Bellringer for Section 17.2. • Have students check homework answers. 	Section Focus Transparency 42 and Master <i>TWE</i> , pp. 457, 459, 477–479	5 minutes
Discussion <ul style="list-style-type: none"> • Answer homework questions. 	<i>TWE</i> , pp. 457, 459, 477–479	5 minutes
Core Lesson <ul style="list-style-type: none"> • Introduce Section 17.2 with the Quick Demo. • Teach the main concepts of Section 17.2. 	<i>TWE</i> , p. 461 <i>TWE</i> , pp. 464–473	30–35 minutes
In-Class Check <ul style="list-style-type: none"> • Have students read the BioLab, follow the Procedure, and answer the Analyze and Conclude questions. • Answer questions on Chapter 17 in preparation for the test. 	<i>SE</i> , pp. 474–475 <i>TWE</i> , pp. 452–479	35–40 minutes
Homework <ul style="list-style-type: none"> • Have students complete Section 17.2 Assessment. • Assign relevant questions from Chapter 17 Assessment. 	<i>SE</i> , p. 473 <i>SE</i> , pp. 477–479	5 minutes
Closing <ul style="list-style-type: none"> • Assess students with the Close Activity. 	<i>TWE</i> , p. 473	5 minutes

[total = 90 minutes]

Pacing Guide

1/2 period

Review/Assessment

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

Assessment Resources

- _____ *Chapter Assessment*, Ch. 17 *TCR*
- _____ *Performance Assessment in the Biology Classroom*, *TCR*
- _____ *Alternate Assessment in the Science Classroom*, *TCR*
- _____ *5 Days to the Georgia High School Graduation Test*, *TCR*

Multimedia Resources

- _____ *MindJogger Videoquizzes*, Ch. 17
- _____ *ExamView® Pro Software*, Ch. 17
- _____ *BDOL Interactive CD-ROM* Ch. 17 quiz

Lesson Plan

Activity	Resources	Suggested Time
Classroom Management <ul style="list-style-type: none"> • Have students check homework answers. 	<i>TWE</i> , p. 473 <i>TWE</i> , pp. 477–479	5 minutes
Reviewing the Chapter <ul style="list-style-type: none"> • Answer homework questions. • Answer any final questions about Chapter 17. 	<i>TWE</i> , pp. 452–479	5 minutes
Assessment <ul style="list-style-type: none"> • Distribute the test and allow students to work quietly. 	<i>Chapter Assessment</i> , pp. 97–102 <i>TCR</i>	30–35 minutes
Closing <ul style="list-style-type: none"> • As students complete the test, let them explore the Internet connection for Chapter 18. 	ga.science.glencoe.com	0–5 minutes

[total = 45 minutes]