



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
1	5.1 Vanishing Species
0.5	5.2 Conservation of Biodiversity
0.5	Chapter Assessment

Block Schedule Planning Guide

5.1

Vanishing Species

pages 115–124

National Science Content Standards: UCP.1–3; A.1, A.2; C.4–6; E.1, E.2; F1–6; G.1–3

Pacing Guide

1 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

Objectives

- **Explain** biodiversity and its importance.
- **Relate** various threats to the loss of biodiversity.

Georgia QCC: 1.1, 1.2, 2.1, 3.2, 25.1, 25.2, 25.3, 26.2, 27.1, 27.2

Lesson Resources

- _____ Section Focus Transparency 10 and Master
- _____ *BioLab and MiniLab Worksheets*, pp. 21–22 *TCR*
- _____ *Concept Mapping*, p. 5 *TCR*
- _____ *Reinforcement and Study Guide*, pp. 19–21 *TCR*
- _____ *Content Mastery*, p. 22 *TCR*
- _____ Reteaching Skills Transparency 7a–7c and Master

- _____ **English/Spanish Audiocassettes**, Section 5.1
- _____ **BDOL Videodisc**, Disc 1, Side 1
- _____ *Using the Internet in the Science Classroom*, *TCR*
- _____ Glencoe Science Web Site:
ga.science.glencoe.com

Multimedia Resources

- _____ **BDOL CD-ROM** Section 5.1 Summary
- _____ **MindJogger Videoquizzes**, Ch. 5

Optional Resources

- _____ *Laboratory Manual*, pp. 31–34, 35–38 *TCR*
- _____ *Tech Prep Applications*, pp. 5–6 *TCR*
- _____ *Critical Thinking/Problem Solving*, p. 5 *TCR*
- _____ *Spanish Resources*

Lesson Plan

Activity	Resources	Suggested Time
Classroom Management <ul style="list-style-type: none"> • Distribute the corrected Chapter 4 tests while students complete the Bellringer for Section 5.1. 	Section Focus Transparency 10 and Master	5 minutes
Discussion <ul style="list-style-type: none"> • Answer Chapter 4 test questions. 	<i>Chapter Assessment</i> , pp. 245–247 <i>TCR</i>	5 minutes
Core Lesson <ul style="list-style-type: none"> • Introduce Chapter 5 with the Getting Started Demo. • Teach the main concepts of Section 5.1. • Have students complete MiniLab 5-1. 	<i>TWE</i> , p. 114 <i>TWE</i> , pp. 115–124 <i>SE</i> , p. 116	35 minutes
In-Class Check <ul style="list-style-type: none"> • Discuss the results of the MiniLab, and assess students with the Assessment Activity. • Review Section 5.1 concepts with the Reteaching Skills Transparencies. • Do the Check for Understanding and Reteach Strategies. 	<i>TWE</i> , p. 116 Reteaching Skills Transparency 7a–7c and Master, <i>TCR</i> <i>TWE</i> , p. 124	25 minutes
Homework <ul style="list-style-type: none"> • Have students complete Section 5.1 Assessment. • Assign the Portfolio: Diagramming Dependence. • Assign relevant questions from Chapter 5 Assessment. 	<i>SE</i> , p. 124 <i>TWE</i> , p. 118 <i>SE</i> , pp. 133–135	15 minutes
Closing <ul style="list-style-type: none"> • Assess students with the Close Activity. 	<i>TWE</i> , p.124	5 minutes

[total = 90 minutes]

Block Schedule Planning Guide 5.2

Conservation of Biodiversity

pages 125–129

National Science Content Standards: UCP.1–3; A.1, A.2; C.4–6; E.1, E.2; F.2–6; G.1–3

Objectives

- **Describe** strategies used in conservation biology.
- **Relate** success in protecting an endangered species to the methods used to protect it.

Georgia QCC: 1.1, 1.2, 1.3, 2.1, 3.2, 27.1, 27.2

Lesson Resources

- _____ Section Focus Transparency 11 and Master
- _____ *BioLab and MiniLab Worksheets*, pp. 23–26 *TCR*
- _____ *Reinforcement and Study Guide*, p. 22 *TCR*
- _____ Content Mastery, p. 23 *TCR*

Multimedia Resources

- _____ **BDOL CD-ROM** Section 5.2 Summary
- _____ **MindJogger Videoquizzes**, Ch. 5

- _____ **English/Spanish Audiocassettes**, Section 5.2
- _____ **BDOL Videodisc**, Disc 1, Side 1
- _____ *Using the Internet in the Science Classroom*, *TCR*
- _____ Glencoe Science Web Site:
ga.science.glencoe.com

Optional Resources

- _____ *Tech Prep Applications*, pp. 7–8 *TCR*
- _____ *Spanish Resources*

Pacing Guide

1/2 period

Lesson & BioLab

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Lesson Plan

Activity	Resources	Suggested Time
Classroom Management <ul style="list-style-type: none"> • Have students complete the Bellringer for Section 5.2. • Have students check homework answers. 	Section Focus Transparency 11 and Master <i>TWE</i> , p. 124, 133–135	5 minutes
Discussion <ul style="list-style-type: none"> • Answer homework questions. 	<i>TWE</i> , p. 124, 133–135	5 minutes
Core Lesson <ul style="list-style-type: none"> • Teach the main concepts of Section 5.2. • Have students begin the BioLab. Instruct them to read the entire lab and complete all steps in the Procedure. 	<i>TWE</i> , pp. 125–129 <i>SE</i> , pp. 130–131	15 minutes
In-Class Check <ul style="list-style-type: none"> • Assess students' answers and discuss their results to the BioLab. • Answer questions on Chapter 5 in preparation for the test. 	<i>TWE</i> , p. 131 <i>TWE</i> , pp. 114–135	10 minutes
Homework <ul style="list-style-type: none"> • Have students complete Section 5.2 Assessment. • Assign relevant questions from Chapter 5 Assessment. 	<i>SE</i> , p. 131 <i>SE</i> , pp. 133–135	5 minutes
Closing <ul style="list-style-type: none"> • Assess students with the Close Discussion. 	<i>TWE</i> , p. 129	5 minutes

[total = 45 minutes]

Pacing Guide

1/2 period

Review/Assessment

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Assessment Resources

- _____ *Chapter Assessment*, Ch. 5 *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. 5
- _____ *ExamView® Pro Software*, Ch. 5
- _____ *BDOL Interactive CD-ROM* Ch. 5 quiz

Lesson Plan

Activity	Resources	Suggested Time
Classroom Management <ul style="list-style-type: none"> • Have students check homework answers. 	<i>TWE</i> , p. 131 <i>TWE</i> , pp. 133–135	5 minutes
Reviewing the Chapter <ul style="list-style-type: none"> • Answer homework questions. • Answer any final questions about Chapter 5. 	<i>TWE</i> , p. 131 <i>TWE</i> , pp. 133–135	5 minutes
Assessment <ul style="list-style-type: none"> • Distribute the test and allow students to work quietly. 	<i>Chapter Assessment</i> , pp. 25–30 <i>TCR</i>	30–35 minutes
Closing <ul style="list-style-type: none"> • As students complete the test, have them read the Chapter 6 Opener. • If students have time, let them explore the Internet connection for Chapter 6. 	<i>SE</i> , p. 144 ga.science.glencoe.com	5 minutes

[total = 45 minutes]