

Mollusks and Segmented Worms



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	27.1 Mollusks
0.5	27.2 Segmented Worms
0.5	Chapter Assessment

Block Schedule Planning Guide 27.1

Mollusks

pages 741–747

National Science Content Standards: UCP.1–3, UCP.5; C.4–6

Objectives

- **Identify** the characteristics of mollusks.
- **Compare** the adaptations of gastropod, bivalve, and cephalopod mollusks.

Georgia QCC: 1.1, 2.1, 20.1, 20.2, 20.3

Lesson Resources

- _____ Section Focus Transparency 67 and Master
- _____ Basic Concepts Transparency 48 and Master
- _____ *BioLab and MiniLab Worksheets*, p. 121 TCR
- _____ *Reinforcement and Study Guide*, pp. 119–121 TCR
- _____ *Content Mastery*, p. 134 TCR
- _____ Reteaching Skills Transparency 40 and Master

Multimedia Resources

- _____ BDOL CD-ROM Section 27.1 Summary

- _____ *MindJogger Videoquizzes*, Ch. 27
- _____ *English/Spanish Audiocassettes*, Section 27.1
- _____ *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*, pp. 191–194, 195–198 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

Lesson Plan

Activity	Resources	Suggested Time
Classroom Management <ul style="list-style-type: none"> • Distribute the corrected Chapter 25 tests while students complete the Bellringer for Section 27.1. 	Section Focus Transparency 67 and Master	5 minutes
Discussion <ul style="list-style-type: none"> • Answer Chapter 25 test questions. 	<i>Chapter Assessment</i> , pp. 308–310 TCR	5 minutes
Core Lesson <ul style="list-style-type: none"> • Introduce Chapter 27 with the Getting Started Demo. • Teach the main concepts of Section 27.1. • Use the Teaching Strategies to discuss the Inside Story. • Have students complete MiniLab 27-1. 	TWE, p. 740 TWE, pp. 741–747 TWE, p. 743 SE, p. 746	20 minutes
In-Class Check <ul style="list-style-type: none"> • Discuss the MiniLab and assess students' results. • Reinforce Section 27.1 concepts with the Content Mastery worksheet. • Do the Check for Understanding and Reteach Strategies. 	TWE, p. 746 <i>Content Mastery</i> , p. 134 TCR TWE, p. 747	5 minutes
Homework <ul style="list-style-type: none"> • Have students complete Section 27.1 Assessment. • Assign the Problem Solving Lab 27-1. Instruct students to answer the Thinking Critically questions in their journals. • Assign relevant questions from Chapter 27 Assessment. 	SE, p. 747 SE, p. 744 SE, pp. 757–759	5 minutes
Closing <ul style="list-style-type: none"> • Assess students with the Close Activity. 	TWE, p. 747	5 minutes

[total = 45 minutes]

Block Schedule Planning Guide

27.2

Segmented Worms

pages 748–756

National Science Content Standards: UCP.1, UCP.2, UCP.4, UCP.5; A.1, A.2; C.3, C.5, C.6; E.1, E.2; F.6; G.1, G.3

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

Objectives

- Describe the characteristics of segmented worms and their importance to the survival of these organisms.
- Compare and contrast the classes of segmented worms.

Georgia QCC: 1.1, 1.2, 1.3, 1.4, 2.1, 3.2, 20.1, 20.2, 20.3, 20.4

Lesson Resources

- _____ Section Focus Transparency 68 and Master
- _____ *BioLab and MiniLab Worksheets*, pp. 122–123 TCR
- _____ *Concept Mapping*, p. 27 TCR
- _____ *Reinforcement and Study Guide*, p. 122 TCR
- _____ *Content Mastery*, p. 135 TCR

- _____ English/Spanish Audiocassettes, Section 27.2
- _____ *Using the Internet in the Science Classroom*, TCR
- _____ Glencoe Science Web Site:
ga.science.glencoe.com

Multimedia Resources

- _____ BDOL CD-ROM Section 27.2 Summary
- _____ MindJogger Videoquizzes, Ch. 27

Optional Resources

- _____ *Critical Thinking/Problem Solving*, p. 27 TCR
- _____ *Spanish Resources*

Lesson Plan

Activity	Resources	Suggested Time
Classroom Management <ul style="list-style-type: none"> • Have students complete the Bellringer for Section 27.2. • Have students check homework answers. 	Section Focus Transparency 68 and Master TWE, pp. 744, 747, 757–759	5 minutes
Discussion <ul style="list-style-type: none"> • Answer homework questions. 	TWE, pp. 744, 747, 757–759	5 minutes
Core Lesson <ul style="list-style-type: none"> • Teach the main concepts of Section 27.2. • Use the Teaching Strategies to discuss the Inside Story. 	TWE, pp. 748–753 TWE, p. 751	20 minutes
In-Class Check <ul style="list-style-type: none"> • Have students complete MiniLab 27-2 • Do the Check for Understanding and Reteach Strategies. • Answer questions on Chapter 27 in preparation for the test. 	TWE, p. 750 TWE, p. 753	5 minutes
Homework <ul style="list-style-type: none"> • Have students complete Section 27.2 Assessment. • Assign relevant questions from Chapter 27 Assessment. 	SE, p. 753 SE, pp. 757–759	5 minutes
Closing <ul style="list-style-type: none"> • Assess students with the Close Activity. 	TWE, p. 753	5 minutes

[total = 45 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. 27 *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. 27
- _____ *ExamView® Pro Software*, Ch. 27
- _____ *BDOL Interactive CD-ROM* Ch. 27 quiz

Lesson Plan

Activity	Resources	Suggested Time
Classroom Management <ul style="list-style-type: none"> • Have students check homework answers. 	<i>TWE</i> , pp. 753, 757–759	5 minutes
Reviewing the Chapter <ul style="list-style-type: none"> • Answer homework questions. • Answer any final questions about Chapter 27. 	<i>TWE</i> , p. 740–759	5 minutes
Assessment <ul style="list-style-type: none"> • Distribute the test and allow students to work quietly. 	<i>Chapter Assessment</i> , pp. 157–162 <i>TCR</i>	30 minutes
Closing <ul style="list-style-type: none"> • As students complete the test, have them read the Chapter 28 Opener. • If students have time, let them explore the Internet connection for Chapter 28. 	<i>SE</i> , p. 760 ga.science.glencoe.com	5 minutes

[total = 45 minutes]