



## 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	19.1 The World of Protists
1	19.2 Algae: Plantlike Protists
0.5	Chapter Assessment

# Block Schedule Planning Guide 19.1

## The World of Protists

pages 519–525

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

### 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

- Identify the characteristics of Kingdom Protista.
- Compare and contrast the four groups of protozoans.

**Georgia QCC:** 1.1, 1.3, 1.4, 2.1, 4.3, 4.4, 4.5, 5.2, 5.3, 5.4, 16.1, 16.3

### Lesson Resources

- \_\_\_\_\_ Section Focus Transparency 45 and Master
- \_\_\_\_\_ Basic Concepts Transparency 30 and Master
- \_\_\_\_\_ *BioLab and MiniLab Worksheets*, p. 89 TCR
- \_\_\_\_\_ *Reinforcement and Study Guide*, p. 83 TCR
- \_\_\_\_\_ *Content Mastery*, p. 94 TCR
- \_\_\_\_\_ Reteaching Skills Transparencies 29–30 and Masters

- \_\_\_\_\_ *MindJogger Videoquizzes*, Ch. 19
- \_\_\_\_\_ *English/Spanish Audiocassettes*, Section 19.1
- \_\_\_\_\_ **BDOL Videodisc**, Disc 1, Side 2
- \_\_\_\_\_ *Using the Internet in the Science Classroom*, TCR
- \_\_\_\_\_ Glencoe Science Web Site:  
[ga.science.glencoe.com](http://ga.science.glencoe.com)

### Multimedia Resources

- \_\_\_\_\_ **BDOL CD-ROM** Section 19.1 Summary

### Optional Resources

- \_\_\_\_\_ *Laboratory Manual*, pp. 133–136 TCR
- \_\_\_\_\_ *Critical Thinking/Problem Solving*, p. 19 TCR
- \_\_\_\_\_ *Spanish Resources*

### Lesson Plan

Activity	Resources	Suggested Time
<b>Classroom Management</b> <ul style="list-style-type: none"> <li>• Distribute the corrected Chapter 18 tests while students complete the Bellringer for Section 19.1.</li> </ul>	Section Focus Transparency 45 and Master	5 minutes
<b>Discussion</b> <ul style="list-style-type: none"> <li>• Answer Chapter 18 test questions.</li> </ul>	<i>Chapter Assessment</i> , pp. 287–289 TCR	5 minutes
<b>Core Lesson</b> <ul style="list-style-type: none"> <li>• Introduce Chapter 19 with the Getting Started Demo.</li> <li>• Teach the main concepts of Section 19.1.</li> <li>• Have students complete MiniLab 19-1 and discuss their results.</li> <li>• Do the Quick Demo.</li> </ul>	TWE, p. 518 TWE, pp. 519–525 SE and TWE, p. 522 TWE, p. 521	35 minutes
<b>In-Class Check</b> <ul style="list-style-type: none"> <li>• Use the Reteaching Skills Transparencies to review the main ideas of Section 18.1.</li> <li>• Put students into small groups. Have each group complete the Portfolio Assessment and share their results with the class.</li> <li>• Do the Check for Understanding and Reteach strategies.</li> </ul>	Reteaching Skills Transparencies 29–30 and Masters TWE, p. 521 TWE, pp. 524–525	30 minutes
<b>Homework</b> <ul style="list-style-type: none"> <li>• Have students complete Section 19.1 Assessment.</li> <li>• Assign the Tech Prep: Charting Protist Diseases.</li> <li>• Assign relevant questions from Chapter 19 Assessment.</li> </ul>	SE, p. 525 TWE, p. 524 SE, pp. 541–543	5 minutes
<b>Closing</b> <ul style="list-style-type: none"> <li>• Assess students with the Close Activity.</li> </ul>	TWE, p. 525	10 minutes

[total = 90 minutes]

# Block Schedule Planning Guide

## 19.2

# Algae: Plantlike Protists

pages 526–532

**National Science Content Standards:** UCP.1, UCP.2, UCP.5; A.1, A.2; C.1, C.4–6; F.1, F.4, F.5

### Pacing Guide

1 period

Lesson & Problem-Solving Lab

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### Objectives

- **Compare and contrast** the variety of plantlike protists.
- **State** the importance of the concept of altering sporophyte and gametophyte generations in algae.

**Georgia QCC:** 1.1, 1.2, 1.3, 1.4, 3.2, 7.2, 16.2, 16.3

### Lesson Resources

- \_\_\_\_\_ Section Focus Transparency 46 and Master
- \_\_\_\_\_ Basic Concepts Transparencies 28, 30 and Masters
- \_\_\_\_\_ *BioLab and MiniLab Worksheets*, p. 100 *TCR*
- \_\_\_\_\_ *Reinforcement and Study Guide*, pp. 84–85 *TCR*
- \_\_\_\_\_ *Content Mastery*, p. 95 *TCR*

- \_\_\_\_\_ **English/Spanish Audiocassettes**, Section 19.2
- \_\_\_\_\_ **BDOL Videodisc**, Disc 1, Side 2
- \_\_\_\_\_ *Using the Internet in the Science Classroom*, *TCR*
- \_\_\_\_\_ Glencoe Science Web Site:  
[ga.science.glencoe.com](http://ga.science.glencoe.com)

### Multimedia Resources

- \_\_\_\_\_ **BDOL CD-ROM** Section 19.2 Summary
- \_\_\_\_\_ **MindJogger Videoquizzes**, Ch. 19

### Optional Resources

- \_\_\_\_\_ *Laboratory Manual*, pp. 137–140 *TCR*
- \_\_\_\_\_ *Tech Prep Applications*, pp. 27–28 *TCR*
- \_\_\_\_\_ *Spanish Resources*

### Lesson Plan

Activity	Resources	Suggested Time
<b>Classroom Management</b> <ul style="list-style-type: none"> <li>• Have students complete the Bellringer for Section 19.2.</li> <li>• Have students check homework answers.</li> </ul>	Section Focus Transparency 46 and Master <i>TWE</i> , pp. 525, 541–543	5 minutes
<b>Discussion</b> <ul style="list-style-type: none"> <li>• Answer homework questions.</li> </ul>	<i>TWE</i> , pp. 525, 541–543	5 minutes
<b>Core Lesson</b> <ul style="list-style-type: none"> <li>• Teach the main concepts of Section 19.2.</li> <li>• Have students complete the Biology Journal: Protozoans and Algae.</li> </ul>	<i>TWE</i> , pp. 526–532 <i>TWE</i> , p. 526	30 minutes
<b>In-Class Check</b> <ul style="list-style-type: none"> <li>• Have students complete Problem-Solving Lab 19-2.</li> <li>• Have students do the Reinforcement activity.</li> <li>• Answer questions on Chapter 19 in preparation for the test.</li> </ul>	<i>SE</i> , p. 530 <i>TWE</i> , p. 528 <i>TWE</i> , pp. 518–543	35 minutes
<b>Homework</b> <ul style="list-style-type: none"> <li>• Have students complete Section 19.2 Assessment.</li> <li>• Assign relevant questions from Chapter 19 Assessment.</li> </ul>	<i>SE</i> , p. 532 <i>SE</i> , pp. 541–543	5 minutes
<b>Closing</b> <ul style="list-style-type: none"> <li>• Assess students with the Close Discussion Questions.</li> </ul>	<i>TWE</i> , p. 532	10 minutes

[total = 90 minutes]

# Protists

## 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. 19, *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. 19
- \_\_\_\_\_ *ExamView® Pro Software*, Ch. 19
- \_\_\_\_\_ *BDOL Interactive CD-ROM* Ch. 19 quiz

### Lesson Plan

Activity	Resources	Suggested Time
<b>Classroom Management</b> <ul style="list-style-type: none"> <li>• Have students check homework answers.</li> </ul>	<i>TWE</i> , p. 532 <i>TWE</i> , pp. 541–543	5 minutes
<b>Reviewing the Chapter</b> <ul style="list-style-type: none"> <li>• Answer homework questions.</li> <li>• Answer any final questions about Chapter 19.</li> </ul>	<i>TWE</i> , pp. 518–543	5 minutes
<b>Assessment</b> <ul style="list-style-type: none"> <li>• Distribute the test and allow students to work quietly.</li> </ul>	<i>Chapter Assessment</i> , pp. 109–114 <i>TCR</i>	30–35 minutes
<b>Closing</b> <ul style="list-style-type: none"> <li>• As students complete the test, let them explore the Internet connection for Chapter 20.</li> </ul>	<a href="http://ga.science.glencoe.com">ga.science.glencoe.com</a>	0–5 minutes

[total = 45 minutes]