

## 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.

Block	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 503–509

### Pacing Guide

1 block

Lesson & MiniLab

**KEY:** *SE* = Student Edition, *TWE* = Teacher Wraparound Edition, *TCR* = Teacher Classroom Resources, *BDOL* = Biology: The Dynamics of Life, *URB* = Unit Resources Booklet

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

### Objectives

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

State/local objectives: \_\_\_\_\_

### Lesson Resources

- \_\_\_\_\_ Section Focus Transparency 45 and Master, *TCR/URB*
- \_\_\_\_\_ *MiniLab Worksheet*, p. 39 *URB*
- \_\_\_\_\_ *Reinforcement and Study Guide*, *URB* English, p. 45; Spanish, p. 49
- \_\_\_\_\_ Reteaching Skills Transparencies 29–30 and Masters, *TCR/URB*

- \_\_\_\_\_ **Guided Reading Audio Summaries MP3**
- \_\_\_\_\_ *Using the Internet in the Science Classroom*, *TCR*
- \_\_\_\_\_ Glencoe Science Web site: [bdol.glencoe.com](http://bdol.glencoe.com)

### Optional Resources

- \_\_\_\_\_ *Laboratory Manual*, pp. 117–120 *TCR*
- \_\_\_\_\_ *Critical Thinking/Problem Solving*, p. 54 *URB*

### Multimedia Resources

- \_\_\_\_\_ **Interactive Chalkboard CD-ROM:**  
Section 19.1 Presentation
- \_\_\_\_\_ **MindJogger Videoquizzes**, Ch. 19

### 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, <i>TCR/URB</i>	5 minutes
<b>Discussion</b> <ul style="list-style-type: none"> <li>• Answer Chapter 18 test questions.</li> </ul>	<i>Chapter Assessment</i> , pp. 127–128 <i>URB</i>	5 minutes
<b>Core Lesson</b> <ul style="list-style-type: none"> <li>• Introduce Chapter 19 with the Two-Minute Chapter Launcher.</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>	<i>TWE</i> , p. 502 <i>TWE</i> , pp. 503–509 <i>SE</i> and <i>TWE</i> , p. 506 <i>TWE</i> , p. 505	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 <i>TWE</i> , p. 505 <i>TWE</i> , pp. 509	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>	<i>SE</i> , p. 509 <i>TWE</i> , p. 506 <i>SE</i> , pp. 525–527	5 minutes
<b>Closing</b> <ul style="list-style-type: none"> <li>• Assess students with the Inquiry activity.</li> </ul>	<i>TWE</i> , p. 505	10 minutes

[total = 90 minutes]

# Block Schedule Planning Guide

## 19.2

# Algae: Plantlike Protists

pages 510–516

### Pacing Guide

1 block

Lesson & Problem-Solving Lab

**KEY:** *SE* = Student Edition, *TWE* = Teacher Wraparound Edition, *TCR* = Teacher Classroom Resources, *BDOL* = Biology: The Dynamics of Life, *URB* = Unit Resources Booklet

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

### Objectives

- **Compare and contrast** the variety of plantlike protists.
- **Explain** the process of alternation of generations of algae.

State/local objectives: \_\_\_\_\_

### Lesson Resources

- \_\_\_\_\_ Section Focus Transparency 46 and Master, *TCR/URB*
- \_\_\_\_\_ Basic Concepts Transparencies 28, 30 and Masters, *TCR/URB*
- \_\_\_\_\_ *MiniLab Worksheet*, p. 40 *URB*
- \_\_\_\_\_ *BioLab Worksheet*, pp. 41–42 *URB*
- \_\_\_\_\_ *Reinforcement and Study Guide*, *URB* English, pp. 46–47; Spanish, p. 50–51

- \_\_\_\_\_ **MindJogger Videoquizzes**, Ch. 19
- \_\_\_\_\_ **Guided Reading Audio Summaries MP3**
- \_\_\_\_\_ *Using the Internet in the Science Classroom*, *TCR*
- \_\_\_\_\_ Glencoe Science Web site: [bdol.glencoe.com](http://bdol.glencoe.com)

### Optional Resources

- \_\_\_\_\_ *Laboratory Manual*, pp. 117–120 *TCR*
- \_\_\_\_\_ *Real World BioApplications*, pp. 43–44 *URB*

### Multimedia Resources

- \_\_\_\_\_ **Interactive Chalkboard CD-ROM:** Section 19.2 Presentation

### 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>TCR/URB</i> <i>TWE</i> , pp. 509, 525–527	5 minutes
<b>Discussion</b> <ul style="list-style-type: none"> <li>• Answer homework questions.</li> </ul>	<i>TWE</i> , pp. 509, 525–527	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. 510–516 <i>TWE</i> , p. 510	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. 514 <i>TWE</i> , p. 512 <i>TWE</i> , pp. 503–527	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. 516 <i>SE</i> , pp. 525–527	5 minutes
<b>Closing</b> <ul style="list-style-type: none"> <li>• Assess students with the Extension activity.</li> </ul>	<i>TWE</i> , p. 516	10 minutes

[total = 90 minutes]

# Protists

## Pacing Guide

1/2 block

Review/Assessment

**KEY:** *SE* = Student Edition,  
*TWE* = Teacher Wraparound  
Edition, *TCR* = Teacher Classroom  
Resources, *BDOL* = Biology: The  
Dynamics of Life, *URB* = Unit  
Resources Booklet

### Assessment Resources

- \_\_\_\_\_ *Chapter Assessment*, Ch. 19, *URB*
- \_\_\_\_\_ *Performance Assessment in the Biology Classroom*, *TCR*
- \_\_\_\_\_ *Alternate Assessment in the Science Classroom*, *TCR*

### Multimedia Resources

- \_\_\_\_\_ *MindJogger Videoquizzes*, Ch. 19
- \_\_\_\_\_ *ExamView®Pro Testmaker CD-ROM*, Ch. 19
- \_\_\_\_\_ **Interactive Chalkboard CD-ROM:**  
Ch. 19 Assessment

### 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. 516 <i>TWE</i> , pp. 525–527	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. 503–527	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. 69–74 <i>URB</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>	<b>bdol.glencoe.com</b>	0–5 minutes

[total = 45 minutes]