



## 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	24.2 Flowers and Flowering
0.5	24.3 The Life Cycle of a Flowering Plant
0.5	Chapter Assessment

# Block Schedule Planning Guide 24.2

## Flowers and Flowering

pages 661–666

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

### Objectives

- Identify the structures of a flower.
- Examine the influence of photoperiodism on flowering.

**Georgia QCC:** 1.1, 19.1, 19.2, 19.3

### Lesson Resources

- \_\_\_\_\_ Section Focus Transparency 59 and Master
- \_\_\_\_\_ Basic Concepts Transparency 42–43 and Master
- \_\_\_\_\_ *Reinforcement and Study Guide*, p. 107 TCR
- \_\_\_\_\_ *Content Mastery*, p. 119 TCR
- \_\_\_\_\_ Reteaching Skills Transparency 37 and Master

### Multimedia Resources

- \_\_\_\_\_ BDOL CD-ROM Section 24.2 Summary

- \_\_\_\_\_ **MindJogger Videoquizzes**, Ch. 24
- \_\_\_\_\_ **English/Spanish Audiocassettes**, Section 24.2
- \_\_\_\_\_ *Using the Internet in the Science Classroom*, TCR
- \_\_\_\_\_ Glencoe Science Web Site:  
[ga.science.glencoe.com](http://ga.science.glencoe.com)

### Optional Resources

- \_\_\_\_\_ *Inside Story Poster*, User Guide p. 11 TCR
- \_\_\_\_\_ *Spanish Resources*

### Pacing Guide

1/2 period

Lesson & Problem-Solving Lab

**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
<b>Classroom Management</b> <ul style="list-style-type: none"> <li>• Distribute the corrected Chapter 23 tests while students complete the Bellringer for Section 24.2.</li> </ul>	Section Focus Transparency 59 and Master	5 minutes
<b>Discussion</b> <ul style="list-style-type: none"> <li>• Answer Chapter 23 test questions.</li> </ul>	<i>Chapter Assessment</i> , pp. 302–304 TCR	5 minutes
<b>Core Lesson</b> <ul style="list-style-type: none"> <li>• Introduce Section 24.2 with the Quick Demo.</li> <li>• Teach the main concepts of Section 24.2.</li> <li>• Use the Teaching Strategies to discuss the Inside Story.</li> <li>• Have students complete Problem-Solving Lab 24-2. Instruct students to answer the Thinking Critically questions in their journals.</li> </ul>	TWE, p. 662 TWE, pp. 661–666 TWE, p. 665 SE, p. 663	20 minutes
<b>In-Class Check</b> <ul style="list-style-type: none"> <li>• Discuss the Problem-Solving Lab and assess students' results.</li> <li>• Reinforce Section 24.2 concepts with the Content Mastery worksheet.</li> <li>• Do the Check for Understanding and Reteach Strategies.</li> </ul>	TWE, p. 663 <i>Content Mastery</i> , p. 119 TCR TWE, p. 666	5 minutes
<b>Homework</b> <ul style="list-style-type: none"> <li>• Have students complete Section 24.2 Assessment.</li> <li>• Assign relevant questions from Chapter 24 Assessment.</li> </ul>	SE, p. 666 SE, pp. 681–683	5 minutes
<b>Closing</b> <ul style="list-style-type: none"> <li>• Assess students with the Close Activity.</li> </ul>	TWE, p. 666	5 minutes

[total = 45 minutes]

# Block Schedule Planning Guide

## 24.3

# The Life Cycle of a Flowering Plant

pages 667–680

### Pacing Guide

1/2 period

Lesson & BioLab

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

### Objectives

- **Describe** the life cycle of a flowering plant.
- **Outline** the processes of seed and fruit formation and seed germination.

**Georgia QCC:** 1.1, 1.2, 1.3, 1.4, 2.1, 3.2, 18.3, 19.1, 19.2, 19.3

### Lesson Resources

- \_\_\_\_\_ Section Focus Transparency 60 and Master
- \_\_\_\_\_ *BioLab and MiniLab Worksheets*, pp. 110–112 *TCR*
- \_\_\_\_\_ *Reinforcement and Study Guide*, pp. 108 *TCR*
- \_\_\_\_\_ *Content Mastery*, p. 119 *TCR*

- \_\_\_\_\_ **English/Spanish Audiocassettes**, Section 24.3
- \_\_\_\_\_ **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 24.3 Summary
- \_\_\_\_\_ **MindJogger Videoquizzes**, Ch. 24

### Optional Resources

- \_\_\_\_\_ *Laboratory Manual*, pp. 171–174, 175–178 *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 24.3.</li> <li>• Have students check homework answers.</li> </ul>	Section Focus Transparency 60 and Master <i>TWE</i> , pp. 666, 681–683	5 minutes
<b>Discussion</b> <ul style="list-style-type: none"> <li>• Answer homework questions.</li> </ul>	<i>TWE</i> , pp. 666, 681–683	5 minutes
<b>Core Lesson</b> <ul style="list-style-type: none"> <li>• Teach the main concepts of Section 24.3.</li> <li>• Have students conduct the BioLab. Instruct them to read the entire lab and complete all steps in the Procedure.</li> </ul>	<i>TWE</i> , pp. 667–677 <i>SE</i> , p. 678	15 minutes
<b>In-Class Check</b> <ul style="list-style-type: none"> <li>• Allow students to compare their findings from the BioLab, and have them answer the Analyze and Conclude questions.</li> <li>• Do the Check for Understanding and Reteach Strategies.</li> <li>• Answer questions on Chapter 24 in preparation for the test.</li> </ul>	<i>SE</i> , p. 678 <i>TWE</i> , p. 677 <i>TWE</i> , pp. 652–680	10 minutes
<b>Homework</b> <ul style="list-style-type: none"> <li>• Have students complete Section 24.3 Assessment.</li> <li>• Assign relevant questions from Chapter 24 Assessment.</li> </ul>	<i>SE</i> , p. 677 <i>SE</i> , pp. 681–683	5 minutes
<b>Closing</b> <ul style="list-style-type: none"> <li>• Assess students with the Close Activity.</li> </ul>	<i>TWE</i> , p. 677	5 minutes

[total = 45 minutes]

# Reproduction in Plants

## 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. 24 *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. 24
- \_\_\_\_\_ *ExamView® Pro Software*, Ch. 24
- \_\_\_\_\_ *BDOL Interactive CD-ROM* Ch. 24 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> , pp. 677, 681–683	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 24.</li> </ul>	<i>TWE</i> , pp. 652–680	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. 139–144 <i>TCR</i>	30 minutes
<b>Closing</b> <ul style="list-style-type: none"> <li>• As students complete the test, have them read the Chapter 25 Opener.</li> <li>• If students have time, let them explore the Internet connection for Chapter 25.</li> </ul>	<i>SE</i> , p. 690  <a href="http://ga.science.glencoe.com">ga.science.glencoe.com</a>	5 minutes

[total = 45 minutes]