

The Diversity of Plants

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	22.3 Seed Plants
0.5	Chapter Assessment

Block Schedule Planning Guide

22.3

Seed Plants

pages 588–597

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

Pacing Guide

1 block

Lesson & BioLab

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

Objectives

- **Identify and analyze** the characteristics of seed plants.
- **Analyze** the advantages of seed and fruit production.

State/local objectives: _____

Lesson Resources

- _____ Section Focus Transparency 54 and Master, *TCR/URB*
- _____ Basic Concepts Transparency 34–35 and Master, *TCR/URB*
- _____ *MiniLab Worksheet*, p. 32 *URB*
- _____ *BioLab Worksheet*, p. 33–34 *URB*
- _____ *Concept Mapping*, p. 43 *URB*
- _____ *Reinforcement and Study Guide*, *URB* English, p. 38; Spanish, p. 42

- _____ *MindJogger Videoquizzes*, Ch. 22
- _____ **Guided Reading Audio Summaries MP3**
- _____ *Using the Internet in the Science Classroom*, *TCR*
- _____ Glencoe Science Web site: bdol.glencoe.com

Optional Resources

- _____ *Laboratory Manual*, pp. 137–140 *TCR*
- _____ *Critical Thinking/Problem Solving*, p. 44 *URB*

Multimedia Resources

- _____ **Interactive Chalkboard CD-ROM:** Section 22.3 Presentation

Lesson Plan

Activity	Resources	Suggested Time
Classroom Management <ul style="list-style-type: none"> • Distribute the corrected Chapter 21 tests while students complete the Bellringer for Section 22.3. 	Section Focus Transparency 54 and Master, <i>TCR/URB</i>	10 minutes
Discussion <ul style="list-style-type: none"> • Answer Chapter 21 test questions. 	<i>Chapter Assessment</i> , pp. 160–161 <i>URB</i>	5 minutes
Core Lesson <ul style="list-style-type: none"> • Introduce Section 22.3 with the Quick Demo. • Teach the main concepts of Section 22.3. • Have students complete BioLab. • Use the Teaching Strategies to discuss the Inside Story. 	<i>TWE</i> , p. 591 <i>TWE</i> , pp. 588–597 <i>SE</i> , pp. 598–599 <i>TWE</i> , p. 593	45 minutes
In-Class Check <ul style="list-style-type: none"> • Discuss the BioLab and assess students' results. • Do the Check for Understanding and Reteach Strategies. 	<i>TWE</i> , pp. 598–599 <i>TWE</i> , p. 597	15 minutes
Homework <ul style="list-style-type: none"> • Have students complete Section 22.3 Assessment. • Assign relevant questions from Chapter 22 Assessment. 	<i>SE</i> , p. 597 <i>SE</i> , pp. 601–603	10 minutes
Closing <ul style="list-style-type: none"> • Assess students with the Discussion activity. 	<i>TWE</i> , p. 595	5 minutes

[total = 90 minutes]

Pacing Guide

1/2 block

Review/Assessment

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

Assessment Resources

- _____ *Chapter Assessment*, Ch. 22 *URB*
- _____ *Performance Assessment in the Biology Classroom*, *TCR*
- _____ *Alternate Assessment in the Science Classroom*, *TCR*

Multimedia Resources

- _____ *MindJogger Videoquizzes*, Ch. 22
- _____ *ExamView®Pro Testmaker CD-ROM*, Ch. 22
- _____ *Interactive Chalkboard CD-ROM:*
Ch. 22 Assessment

Lesson Plan

Activity	Resources	Suggested Time
Classroom Management <ul style="list-style-type: none"> • Have students check homework answers. 	<i>TWE</i> , pp. 597, 601–603	10 minutes
Reviewing the Chapter <ul style="list-style-type: none"> • Answer homework questions. • Answer any final questions about Chapter 22. 	<i>TWE</i> , pp. 577–603	5 minutes
Assessment <ul style="list-style-type: none"> • Distribute the test and allow students to work quietly. 	<i>Chapter Assessment</i> , pp. 53–58 <i>URB</i>	20 minutes
Closing <ul style="list-style-type: none"> • As students complete the test, have them read the Chapter 23 Opener. • If students have time, let them explore the Internet connection for Chapter 23. 	<i>SE</i> , p. 604 bdol.glencoe.com	10 minutes

[total = 45 minutes]