

## Lesson Plan

# 3.1

## Communities

pp. 66–71

2 class session(s)



**KEY:** SE = Student Edition, TWE = Teacher Wraparound Edition, TCR = Teacher Classroom Resources, NGS = National Geographic Society videodisc, BDOL = Biology: The Dynamics of Life

### Section Objectives

- Explain how limiting factors and ranges of tolerance affect distribution of organisms.
- Sequence the stages of ecological succession.

### National Science Content Standards

UCP.1, UCP.3, UCP.4; A.1, A.2; C.4, C.5; D.3; F.5; G.3

### Georgia QCC

1.1, 1.3, 1.4, 2.1, 5.2, 25.1, 25.4

### Focus

- \_\_\_\_\_ Section Focus Transparency 6 and Master
- \_\_\_\_\_ Getting Started Demo, TWE p. 66
- \_\_\_\_\_ Bellringer, TWE p. 67

### Teach

- \_\_\_\_\_ MiniLab 3-1, SE p. 69
- \_\_\_\_\_ Problem-Solving Lab 3-1, SE p. 70
- \_\_\_\_\_ Investigate BioLab, SE p. 88
- \_\_\_\_\_ Portfolio, TWE p. 68
- \_\_\_\_\_ Biology Journal, TWE p. 68
- \_\_\_\_\_ Quick Demo, TWE p. 68
- \_\_\_\_\_ BioLab and MiniLab Worksheets, p. 13 TCR
- \_\_\_\_\_ Laboratory Manual, pp. 19–22 TCR
- \_\_\_\_\_ Basic Concepts Transparency 3 and Master
- \_\_\_\_\_ Inside Story Poster, TCR
- \_\_\_\_\_ Concept Mapping, p. 3 TCR
- \_\_\_\_\_ Spanish Resources

### Assess/Reteach

- \_\_\_\_\_ Section Assessment, SE p. 71
- \_\_\_\_\_ Check for Understanding, TWE p. 71
- \_\_\_\_\_ Reteach, TWE p. 71
- \_\_\_\_\_ Reinforcement and Study Guide, pp. 11–12 TCR
- \_\_\_\_\_ Content Mastery, pp. 13–14, 16 TCR
- \_\_\_\_\_ Reteaching Skills Transparency 4 and Master

### Enrichment/Application

- \_\_\_\_\_ Tech Prep, TWE p. 70
- \_\_\_\_\_ Extension, TWE p. 71

### Close

- \_\_\_\_\_ Discussion, TWE p. 71

### Chapter Assessment

- \_\_\_\_\_ Assessment, TWE pp. 68, 69, 70, 71
- \_\_\_\_\_ Performance Assessment in the Biology Classroom, TCR
- \_\_\_\_\_ Alternate Assessment in the Science Classroom, TCR

### Multimedia Options

- \_\_\_\_\_ BDOL CD-ROM Section 3.1 Summary;
- \_\_\_\_\_ Video: *How Organisms Interact*
- \_\_\_\_\_ MindJogger Videoquizzes, Ch. 3 videotape
- \_\_\_\_\_ ExamView®Pro Software, Ch. 3
- \_\_\_\_\_ Using the Internet in the Science Classroom, TCR
- \_\_\_\_\_ Glencoe Science Web Site:  
[ga.science.glencoe.com](http://ga.science.glencoe.com)



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## Section Objectives

- **Compare and contrast** the photic and aphotic zones of marine biomes.
- **Identify** the major limiting factors affecting distribution of terrestrial biomes.
- **Distinguish** among terrestrial biomes.

## National Science Content Standards

UCP.1–3; A.1, A.2; C.4, C.5, C.6; F.3–5; G.1, G.3

## Georgia QCC

1.1, 1.2, 1.3, 1.4, 2.1, 3.2, 25.1, 25.2, 25.4, 25.5, 26.1, 26.2, 27.1, 27.2

## Focus

\_\_\_\_\_ Section Focus Transparency 7 and Master  
 \_\_\_\_\_ Bellringer, TWE p. 72

## Teach

\_\_\_\_\_ Problem-Solving Lab 3-2, SE p. 74  
 \_\_\_\_\_ MiniLab 3-2, SE p. 75  
 \_\_\_\_\_ Focus on Biomes, SE p. 78  
 \_\_\_\_\_ Inside Story, SE p. 86  
 \_\_\_\_\_ Literature Connection, SE p. 90  
 \_\_\_\_\_ Portfolio, TWE pp. 73, 77, 85  
 \_\_\_\_\_ Biology Journal, TWE pp. 73, 77, 79, 84  
 \_\_\_\_\_ Cultural Diversity, TWE p. 76  
 \_\_\_\_\_ Alternative Lab, TWE p. 80  
 \_\_\_\_\_ Quick Demo, TWE pp. 82, 83, 85  
 \_\_\_\_\_ BioLab and MiniLab Worksheets, pp. 14–16 TCR  
 \_\_\_\_\_ Spanish Resources

## Assess/Reteach

\_\_\_\_\_ Section Assessment, SE p. 87  
 \_\_\_\_\_ Check for Understanding, TWE p. 86  
 \_\_\_\_\_ Reteach, TWE p. 87  
 \_\_\_\_\_ Reinforcement and Study Guide, pp. 13–14 TCR  
 \_\_\_\_\_ Reteaching Skills Transparency 5 and Master  
 \_\_\_\_\_ Content Mastery, pp. 13, 15–16 TCR  
 \_\_\_\_\_ 5 Days to the Georgia High School Graduation Test, TCR

## Enrichment/Application

\_\_\_\_\_ Project, TWE p. 75  
 \_\_\_\_\_ Enrichment, TWE p. 77, 81, 84  
 \_\_\_\_\_ Extension, TWE p. 87  
 \_\_\_\_\_ Critical Thinking/Problem Solving, p. 3 TCR

## Close

\_\_\_\_\_ Activity, TWE p. 87

## Chapter Assessment

\_\_\_\_\_ Chapter Assessment, SE pp. 91–93  
 \_\_\_\_\_ Assessment, TWE pp. 73, 74, 75, 81, 87, 89  
 \_\_\_\_\_ BDOL Interactive CD-ROM, Chapter 3 quiz  
 \_\_\_\_\_ Chapter Assessment, pp. 13–18 TCR  
 \_\_\_\_\_ Performance Assessment in the Biology Classroom, TCR  
 \_\_\_\_\_ Alternate Assessment in the Science Classroom, TCR

## Multimedia Options

\_\_\_\_\_ BDOL CD-ROM Section 3.2 Summary; Exploration: *World Biomes*; Video: *Tundra, Taiga, Desert, Temperate Grassland, Temperate Forest, Tropical Rain Forest*  
 \_\_\_\_\_ MindJogger Videoquizzes, Ch. 3 videotape  
 \_\_\_\_\_ ExamView®Pro Software, Ch. 3  
 \_\_\_\_\_ Using the Internet in the Science Classroom, TCR  
 \_\_\_\_\_ BDOL Videodisc: *Tundra, Taiga, Desert, Temperate Grassland, Temperate Forest, Tropical Rain Forest*  
 \_\_\_\_\_ Videodisc: *The Secret of Life: Ocean Zones, Biome Distribution; The Infinite Voyage: Secrets from a Frozen World, The Living Clock*  
 \_\_\_\_\_ NGS Videodisc: *STV: Rain Forest*  
 \_\_\_\_\_ Glencoe Science Web Site:  
 \_\_\_\_\_ [ga.science.glencoe.com](http://ga.science.glencoe.com)