



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

pp. 786–793

1 class session(s)

### Section Objectives

- Compare similarities and differences among the classes of echinoderms.
- Interpret the evidence biologists have for determining that echinoderms are close relatives of chordates.

### National Science Content Standards

UCP.1–5; A.1, A.2; C.3, C.5, C.6

### Georgia QCC

1.1, 1.2, 1.3, 1.4, 2.1, 20.1, 20.2, 20.3

### Focus

- \_\_\_\_\_ Section Focus Transparency 71 and Master
- \_\_\_\_\_ Getting Started Demo, TWE p. 786
- \_\_\_\_\_ Bellringer, TWE p. 787

### Teach

- \_\_\_\_\_ MiniLab 29-1, SE p. 788
- \_\_\_\_\_ Inside Story, SE p. 790
- \_\_\_\_\_ Problem-Solving Lab 29-1, SE p. 792
- \_\_\_\_\_ Investigate BioLab, SE p. 800
- \_\_\_\_\_ Physics Connection, SE p. 802
- \_\_\_\_\_ Quick Demos, TWE pp. 789, 791
- \_\_\_\_\_ Biology Journal, TWE p. 790
- \_\_\_\_\_ Cultural Diversity, TWE p. 791
- \_\_\_\_\_ Portfolio, TWE p. 792
- \_\_\_\_\_ BioLab and MiniLab Worksheets, p. 129 TCR
- \_\_\_\_\_ Laboratory Manual, pp. 205–210 TCR
- \_\_\_\_\_ Basic Concepts Transparencies 50, 51 and Masters
- \_\_\_\_\_ Spanish Resources

### Assess/Reteach

- \_\_\_\_\_ Section Assessment, SE p. 793
- \_\_\_\_\_ Check for Understanding, TWE p. 793
- \_\_\_\_\_ Reteach, TWE p. 793
- \_\_\_\_\_ Reinforcement and Study Guide, pp. 127–129 TCR
- \_\_\_\_\_ Content Mastery, pp. 141–142, 144 TCR

### Enrichment/Application

- \_\_\_\_\_ Tech Prep, TWE p. 789
- \_\_\_\_\_ Project, TWE p. 790
- \_\_\_\_\_ Extension, TWE p. 793
- \_\_\_\_\_ Critical Thinking/Problem Solving, p. 29 TCR

### Close

- \_\_\_\_\_ Activity, TWE p. 793

### Chapter Assessment

- \_\_\_\_\_ Assessment, TWE pp. 788, 789, 792, 793
- \_\_\_\_\_ Alternate Assessment in the Science Classroom, TCR
- \_\_\_\_\_ Performance Assessment in the Biology Classroom, TCR

### Multimedia Options

- \_\_\_\_\_ BDOL CD-ROM Section 29.1 Summary; Exploration: *The Five Kingdoms, Echinoderms, Symmetry*; BioQuest: *Biodiversity Park*
- \_\_\_\_\_ MindJogger Videoquizzes, Ch. 29 videotape
- \_\_\_\_\_ ExamView®Pro Software, Ch. 29
- \_\_\_\_\_ BDOL Videodisc: *Starfishes*
- \_\_\_\_\_ Videodisc: *The Secret of Life: Sea Stars*
- \_\_\_\_\_ 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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pp. 794–805

2 class session(s)

### Section Objectives

- **Summarize** the characteristics of chordates.
- **Explain** how invertebrate chordates are related to vertebrates.
- **Distinguish** between sea squirts and lancelets.

### National Science Content Standards

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

### Georgia QCC

1.1, 1.2, 1.3, 1.4, 2.1, 3.2, 20.1, 20.2, 20.3.

### Focus

\_\_\_\_\_ Section Focus Transparency 72 and Master  
Bellringer, TWE p. 794

### Teach

_____ MiniLab 29-2, SE p. 797	_____ Alternative Lab, TWE p. 796
_____ Inside Story, SE p. 798	_____ <i>Concept Mapping</i> , p. 29 TCR
_____ Problem-Solving Lab 29-2, SE p. 799	_____ <i>BioLab and MiniLab Worksheets</i> , pp. 130–132 TCR
_____ Biology Journal, TWE p. 794	_____ <i>Spanish Resources</i>
_____ Quick Demo, TWE pp. 795, 796	
_____ Portfolio, TWE p. 795	

### Assess/Reteach

_____ Section Assessment, SE p. 799	_____ Reteaching Skills Transparency 43 and Master
_____ Check for Understanding, TWE p. 799	_____ <i>Reinforcement and Study Guide</i> , p. 130 TCR
_____ Reteach, TWE p. 799	_____ <i>Content Mastery</i> , pp. 141, 143–144 TCR
	_____ <i>5 Days to the Georgia High School Graduation Test</i> , TCR

### Enrichment/Application

\_\_\_\_\_ Extension, TWE p. 799  
\_\_\_\_\_ *Critical Thinking/Problem Solving*, p. 29 TCR

### Close

\_\_\_\_\_ Activity, TWE p. 799

### Chapter Assessment

_____ Chapter Assessment, SE pp. 803–805	_____ <i>Chapter Assessment</i> , pp. 169–174 TCR
_____ Assessment, TWE pp. 796, 797, 798, 799, 801	_____ <i>Alternate Assessment in the Science Classroom</i> , TCR
_____ BDOL Interactive CD-ROM, Chapter 29 quiz	_____ <i>Performance Assessment in the Biology Classroom</i> , TCR

### Multimedia Options

_____ BDOL CD-ROM Section 29.2 Summary	_____ <i>Using the Internet in the Science Classroom</i> , TCR
_____ MindJogger Videoquizzes, Ch. 29 videotape	_____ Glencoe Science Web Site: <a href="http://ga.science.glencoe.com">ga.science.glencoe.com</a>
_____ ExamView®Pro Software, Ch. 29	
_____ Videodisc: <i>The Secret of Life</i> : Chordate Body Plan, Action of Tube Feet	