

Lesson Plan 25.1

Typical Animal Characteristics



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

pp. 692–699

1 class session(s)

Section Objectives

- Describe the characteristics of animals.
- Sequence the development of a typical animal.

Focus

- _____ Section Focus Transparency 61 and Master Getting Started Demo, TWE p. 693
- _____ Bellringer, TWE p. 693

National Science Content Standards

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

Georgia QCC

1.1, 1.2, 1.3, 1.4, 2.1, 3.2, 9.2, 9.3, 9.4, 20.2, 21.2

Teach

- _____ Careers in Biology, SE p. 694
- _____ MiniLab 25-1, SE p. 695
- _____ Problem-Solving Lab 25-1, SE p. 696
- _____ Inside Story, SE p. 698
- _____ Internet BioLab, SE p. 706
- _____ Biology & Society, SE p. 708
- _____ Quick Demo, TWE p. 694
- _____ Cultural Diversity, TWE p. 695
- _____ Biology Journal, TWE p. 696
- _____ Portfolio, TWE p. 697
- _____ *BioLab and MiniLab Worksheets*, p. 113 TCR
- _____ *Laboratory Manual*, pp. 179–182 TCR
- _____ Basic Concepts Transparency 44 and Master
- _____ *Spanish Resources*

Assess/Reteach

- _____ Section Assessment, SE p. 699
- _____ Check for Understanding, TWE p. 697
- _____ Reteach, TWE p. 697
- _____ Reteaching Skills Transparency 38 and Master *Reinforcement and Study Guide*, pp. 111–112 TCR
- _____ *Content Mastery*, pp. 125–126, 128 TCR

Enrichment/Application

- _____ Project, TWE p. 694
- _____ Extension, TWE p. 697
- _____ Tech Prep, TWE p. 697

Close

- _____ Activity, TWE p. 699

Chapter Assessment

- _____ Assessment, TWE pp. 695, 696, 697
- _____ *Alternate Assessment in the Science Classroom*, TCR
- _____ *Performance Assessment in the Biology Classroom*, TCR

Multimedia Options

- _____ **BDOL CD-ROM** Section 25.1 Summary; Animation: *Embryo Development*; Video: *Fetal Development*
- _____ **MindJogger Videoquizzes**, Ch. 25 videotape
- _____ **ExamView®Pro Software**, Ch. 25
- _____ **BDOL Videodisc:** *Embryo Development*
- _____ **Videodisc:** *The Secret of Life: Dividing Cells; The Infinite Voyage: The Geometry of Life Using the Internet in the Science Classroom*, TCR
- _____ Glencoe Science Web Site: ga.science.glencoe.com

Lesson Plan 25.2

Body Plans and Adaptations



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

pp. 700–711

2 class session(s)

Section Objectives

- Compare and contrast radial and bilateral symmetry with asymmetry.
- Trace the phylogeny of animal body plans.
- Compare body plans of acoelomate, pseudocoelomate, and coelomate animals.

National Science Content Standards

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

Georgia QCC

1.1, 1.2, 1.3, 1.4, 2.1, 3.2, 20.2, 21.2

Focus

_____ Section Focus Transparency 62 and Master
_____ Bellringer, *TWE* p. 700

Teach

_____ Problem-Solving Lab 25-2, *SE* p. 702
_____ MiniLab 25-2, *SE* p. 703
_____ Biology Journal, *TWE* p. 700
_____ Quick Demos, *TWE* p. 701
_____ Alternative Lab, *TWE* p. 702
_____ Portfolio, *TWE* p. 704

_____ *BioLab and MiniLab Worksheets*, pp. 114–116
_____ *TCR*
_____ *Laboratory Manual*, pp. 183–186 *TCR*
_____ *Concept Mapping*, p. 25 *TCR*
_____ *Spanish Resources*

Assess/Reteach

_____ Section Assessment, *SE* p. 705
_____ Check for Understanding, *TWE* p. 704
_____ Reteach, *TWE* p. 704

_____ Reinforcement, *TWE* p. 704
_____ *Reinforcement and Study Guide*, pp. 113–114 *TCR*
_____ *Content Mastery*, pp. 125, 127–128 *TCR*
_____ *5 Days to the Georgia High School Graduation Test*, *TCR*

Enrichment/Application

_____ Extension, *TWE* p. 704

Close

_____ Discussion, *TWE* p. 705

Chapter Assessment

_____ Chapter Assessment, *SE* pp. 709–711
_____ Assessment, *TWE* pp. 702, 703, 705, 707
_____ *Chapter Assessment*, pp. 145–150 *TCR*
_____ *Alternate Assessment in the Science Classroom*, *TCR*

_____ *Performance Assessment in the Biology Classroom*, *TCR*
_____ **BDOL Interactive CD-ROM**, Chapter 25 quiz

Multimedia Options

_____ **BDOL CD-ROM** Section 25.2 Summary; Exploration: *Symmetry*
_____ **MindJogger Videoquizzes**, Ch. 25 videotape
_____ **ExamView®Pro Software**, Ch. 25
_____ **Videodisc:** *The Secret of Life: Evolution of Symmetry, Flatworm Cross Section, Developing Zebra Fish*

_____ **NGS Videodisc:** *STV: Biodiversity; Preserving Diversity, The Peregrine Falcon*
_____ *Using the Internet in the Science Classroom*, *TCR*
_____ Glencoe Science Web Site:
ga.science.glencoe.com