



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

pp. 973–982

2 class session(s)

Section Objectives

- **Analyze** how nerve impulses travel within the nervous system.
- **Recognize** the functions of the major parts of the nervous system.
- **Compare** voluntary responses and involuntary responses.

National Science Content Standards

UCP.1–3, UCP.5; A.1; B.1, B.3; C.1, C.5, C.6

Focus

- _____ Section Focus Transparency 87 and Master Getting Started Demo, *TWE* p. 972
- _____ Bellringer, *TWE* p. 973

Teach

- _____ Focus On Evolution of the Brain, *SE* p. 978
- _____ MiniLab 36-1, *SE* p. 980
- _____ BioTechnology, *SE* p. 998
- _____ Biology Journal, *TWE* pp. 974, 976, 977
- _____ Quick Demo, *TWE* pp. 975, 981
- _____ Portfolio, *TWE* p. 975
- _____ Alternative Lab, *TWE* p. 980
- _____ *BioLab and MiniLab Worksheets*, p. 159 *TCR*
- _____ *Laboratory Manual*, pp. 261–264 *TCR*
- _____ Basic Concepts Transparency 67 and Master
- _____ *Spanish Resources*

Assess/Reteach

- _____ Section Assessment, *SE* p. 982
- _____ Check for Understanding, *TWE* p. 981
- _____ Reteach, *TWE* p. 982
- _____ *Reinforcement and Study Guide*, pp. 159–160 *TCR*
- _____ *Content Mastery*, pp. 177–178, 180 *TCR*

Enrichment/Application

- _____ Tech Prep, *TWE* pp. 975, 976
- _____ Enrichment, *TWE* pp. 976, 977, 979
- _____ Project, *TWE* p. 977
- _____ Extension, *TWE* p. 982
- _____ *Critical Thinking/Problem Solving*, p. 36 *TCR*

Close

- _____ Discussion, *TWE* p. 982

Chapter Assessment

- _____ Assessment, *TWE* pp. 977, 980, 981, 982
- _____ *Alternate Assessment in the Science Classroom*, *TCR*
- _____ *Performance Assessment in the Biology Classroom*, *TCR*

Multimedia Options

- _____ **BDOL CD-ROM** Section 36.1 Summary; BioQuest: *Body Systems*; Animation: *Impulse Transmission in a Motor Neuron, Across a Synapse*
- _____ **MindJogger Videoquizzes**, Ch. 36 videotape
- _____ **ExamView®Pro Software**, Ch. 36
- _____ **BDOL Videodisc: *Impulse Transmission***
- _____ **Videodisc: *The Infinite Voyage: Fires of the Mind, Unseen Worlds***
- _____ **NGS Videodisc: *STV: The Human Body Vol. 2 Using the Internet in the Science Classroom***, *TCR*
- _____ Glencoe Science Web Site: ms.science.glencoe.com

Lesson Plan

36.2

The Senses

pp. 983–987

1 class session(s)



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Section Objectives

- **Define** the role of the senses in the human nervous system.
- **Recognize** how senses detect chemical, light, and mechanical stimulation.
- **Identify** ways in which the senses work together to gather information.

National Science Content Standards

UCP.1–3, UCP.5; C.1, C.5, C.6

Focus

_____ Section Focus Transparency 88 and Master
_____ Bellringer, TWE p. 983

Teach

_____ Inside Story, SE p. 985
_____ Problem-Solving Lab 36-1, SE p. 986
_____ Biology Journal, TWE p. 984
_____ Quick Demo, TWE p. 984
_____ Portfolio, TWE p. 985

_____ Laboratory Manual, pp. 265–268 TCR
_____ Concept Mapping, p. 36 TCR
_____ Basic Concepts Transparencies 68, 69 and
Masters
_____ Spanish Resources

Assess/Reteach

_____ Section Assessment, SE p. 987
_____ Check for Understanding, TWE p. 987
_____ Reteaching Skills Transparencies 52, 53 and
Masters

_____ Reinforcement and Study Guide, p. 161 TCR
_____ Content Mastery, pp. 177, 179–180 TCR

Enrichment/Application

_____ Project, TWE p. 983
_____ Enrichment, TWE p. 984
_____ Extension, TWE p. 987
_____ Tech Prep Applications, pp. 47–48 TCR

Close

_____ Discussion, TWE p. 987

Chapter Assessment

_____ Assessment, TWE pp. 984, 986, 987
_____ Alternate Assessment in the Science Classroom, TCR
_____ Performance Assessment in the Biology Classroom, TCR

Multimedia Options

_____ **BDOL CD-ROM** Section 36.2 Summary;
Animation: *The Sense of Sight, The Sense of
Hearing*
_____ **MindJogger Videoquizzes**, Ch. 36 videotape
_____ **ExamView®Pro Software**, Ch. 36
_____ **BDOL Videodisc:** *The Sense of Sight, The Sense
of Hearing*

_____ **Videodisc:** *The Infinite Voyage: A Taste of
Health*
_____ *Using the Internet in the Science Classroom*, TCR
_____ Glencoe Science Web Site:
ms.science.glencoe.com



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pp. 988–1001

2 class session(s)

Section Objectives

- **Recognize** the medicinal uses of drugs.
- **Identify** the different classes of drugs.
- **Interpret** the effect of drug misuse and abuse on the body.

National Science Content Standards

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

Focus

- _____ Section Focus Transparency 89 and Master
 _____ Bellringer, *TWE* p. 988

Teach

- | | |
|---|--|
| _____ Problem-Solving Lab 36-2, <i>SE</i> p. 989 | _____ Cultural Diversity, <i>TWE</i> p. 991 |
| _____ Careers in Biology, <i>SE</i> p. 990 | _____ Portfolio, <i>TWE</i> p. 993 |
| _____ MiniLab 36-2, <i>SE</i> p. 991 | _____ <i>BioLab and MiniLab Worksheets</i> , pp. 160–162 |
| _____ Design Your Own BioLab, <i>SE</i> p. 996 | _____ <i>TCR</i> |
| _____ Quick Demo, <i>TWE</i> p. 990 | _____ <i>Spanish Resources</i> |
| _____ Biology Journal, <i>TWE</i> pp. 990, 992, 994 | |

Assess/Reteach

- | | |
|--|---|
| _____ Section Assessment, <i>SE</i> p. 995 | _____ <i>Reinforcement and Study Guide</i> , p. 162 <i>TCR</i> |
| _____ Check for Understanding, <i>TWE</i> p. 994 | _____ <i>Content Mastery</i> , pp. 177, 180 <i>TCR</i> |
| _____ Reteach, <i>TWE</i> p. 994 | _____ <i>5 Days to the Mississippi Biology I Subject Area Test</i> , <i>TCR</i> |

Enrichment/Application

- _____ Enrichment, *TWE* pp. 992, 994
 _____ Extension, *TWE* p. 994
 _____ *Tech Prep Applications*, pp. 49–50 *TCR*

Close

- _____ Discussion, *TWE* p. 995

Chapter Assessment

- | | |
|--|---|
| _____ Chapter Assessment, <i>SE</i> pp. 999–1001 | _____ <i>Alternate Assessment in the Science Classroom</i> , <i>TCR</i> |
| _____ Assessment, <i>TWE</i> pp. 989, 991, 992, 995, 997 | _____ <i>Performance Assessment in the Biology Classroom</i> , <i>TCR</i> |
| _____ <i>Chapter Assessment</i> , pp. 211–216 <i>TCR</i> | |
| _____ BDOL Interactive CD-ROM , Chapter 36 quiz | |

Multimedia Options

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| _____ BDOL CD-ROM Section 36.3 Summary | _____ <i>Using the Internet in the Science Classroom</i> , <i>TCR</i> |
| _____ MindJogger Videoquizzes , Ch. 36 videotape | _____ Glencoe Science Web Site: |
| _____ ExamView®Pro Software , Ch. 36 | _____ ms.science.glencoe.com |
| _____ Videodisc: <i>The Infinite Voyage</i> : Prisoners of the Brain, Fires of the Mind | |