

pp. 1023–1030

1 class session(s)

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

### Section Objectives

- **Outline** the steps of Koch's postulates.
- **Describe** how pathogens are transmitted.
- **Explain** what causes the symptoms of a disease.

### National Science Content Standards

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

### Focus

- \_\_\_\_\_ Section Focus Transparency 96 and Master, *TCR/URB*
- \_\_\_\_\_ Two-Minute Chapter Launcher, *TWE* p. 1022
- \_\_\_\_\_ Bellringer, *TWE* p. 1023

### Teach

- \_\_\_\_\_ Problem-Solving Lab 39.1, *SE* p. 1027
- \_\_\_\_\_ MiniLab 39.1, *SE* p. 1028
- \_\_\_\_\_ Internet BioLab, *SE* p. 1042
- \_\_\_\_\_ Quick Demo, *TWE* p. 1024
- \_\_\_\_\_ Biology Journal, *TWE* p. 1024
- \_\_\_\_\_ *MiniLab Worksheet*, p. 207 *URB*
- \_\_\_\_\_ *Transparency Worksheets*, pp. 221, 223–224 *URB*
- \_\_\_\_\_ *Reading Essentials for Biology*, Section 39.1 *TCR*
- \_\_\_\_\_ *Laboratory Manual*, pp. 249–252, 253–256 *TCR*
- \_\_\_\_\_ Basic Concepts Transparency 76 and Master, *TCR/URB*

### Assess/Reteach

- \_\_\_\_\_ Section Assessment, *SE* p. 1030
- \_\_\_\_\_ Check for Understanding, *TWE* p. 1030
- \_\_\_\_\_ Reteach, *TWE* p. 1030
- \_\_\_\_\_ *Reinforcement and Study Guide*, *URB*: English; p. 211 Spanish, p. 215

### Enrichment/Application

- \_\_\_\_\_ Tech Prep, *TWE* p. 1026
- \_\_\_\_\_ Enrichment, *TWE* pp. 1026, 1029
- \_\_\_\_\_ Project, *TWE* pp. 1026, 1029
- \_\_\_\_\_ Extension, *TWE* p. 1030

### Chapter Assessment

- \_\_\_\_\_ Assessment, *TWE* pp. 1027, 1028, 1030
- \_\_\_\_\_ *Alternate Assessment in the Science Classroom*, *TCR*
- \_\_\_\_\_ *Performance Assessment in the Biology Classroom*, *TCR*

### Multimedia Options

- \_\_\_\_\_ **Interactive Chalkboard CD-ROM:**  
Section 39.1 Presentation
- \_\_\_\_\_ **MindJogger Videoquizzes**, Ch. 39 DVD/VHS
- \_\_\_\_\_ **ExamView® Pro Testmaker CD-ROM**, Ch. 39
- \_\_\_\_\_ **TeacherWorks™ CD-ROM**
- \_\_\_\_\_ **Guided Reading Audio Summaries MP3**  
*Using the Internet in the Science Classroom*, *TCR*
- \_\_\_\_\_ Glencoe Science Web site: [bdol.glencoe.com](http://bdol.glencoe.com)

# Lesson Plan 39.2

## Defense Against Infectious Diseases

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pp. 1031–1041

2 class session(s)

### Section Objectives

- Identify the cells, tissues, and organs that make up the immune system.
- Compare innate and acquired immune responses.
- Distinguish between antibody and cellular immunity.

### National Science Content Standards

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

### Focus

\_\_\_\_\_ Section Focus Transparency 97 and Master, *TCR/URB*  
\_\_\_\_\_ Bellringer, *TWE* p. 1031

### Teach

\_\_\_\_\_ Inside Story, *SE* p. 1034  
\_\_\_\_\_ MiniLab 39.2, *SE* p. 1035  
\_\_\_\_\_ Problem-Solving Lab 39.2, *SE* p. 1040  
\_\_\_\_\_ Biology & Society, *SE* p. 1044  
\_\_\_\_\_ Quick Demo, *TWE* p. 1032  
\_\_\_\_\_ Additional Lab, *TWE* p. 1032  
\_\_\_\_\_ Cultural Diversity, *TWE* p. 1034  
\_\_\_\_\_ Biology Journal, *TWE* p. 1039  
\_\_\_\_\_ *MiniLab Worksheet*, p. 208 *URB*  
\_\_\_\_\_ *BioLab Worksheet*, pp. 209–210 *URB*  
\_\_\_\_\_ *Transparency Worksheets*, pp. 222, 225–227 *URB*  
\_\_\_\_\_ *Reading Essentials for Biology*, Section 39.2 *TCR*  
\_\_\_\_\_ *Concept Mapping*, p. 219 *URB*  
\_\_\_\_\_ Basic Concepts Transparencies 77, 78a, 78b, 79 and Masters, *TCR/URB*

### Assess/Reteach

\_\_\_\_\_ Section Assessment, *SE* p. 1041  
\_\_\_\_\_ Reinforcement, *TWE* pp. 1033, 1037, 1038  
\_\_\_\_\_ Check for Understanding, *TWE* p. 1041  
\_\_\_\_\_ Reteach, *TWE* p. 1041  
\_\_\_\_\_ Reteaching Skills Transparencies 57, 58 and Masters, *TCR/URB*  
\_\_\_\_\_ *Reinforcement and Study Guide*, *URB*  
\_\_\_\_\_ English, pp. 212–214; Spanish, pp. 216–218

### Enrichment/Application

\_\_\_\_\_ Enrichment, *TWE* pp. 1036, 1038  
\_\_\_\_\_ Extension, *TWE* p. 1041  
\_\_\_\_\_ *Critical Thinking/Problem Solving*, p. 220 *URB*

### Chapter Assessment

\_\_\_\_\_ Chapter Assessment, *SE* pp. 1045–1047  
\_\_\_\_\_ Assessment, *TWE* pp. 1033, 1038, 1040, 1041  
\_\_\_\_\_ *Chapter Assessment*, pp. 237–242 *URB*  
\_\_\_\_\_ *Student Recording Sheet*, p. 243 *URB*  
\_\_\_\_\_ **Interactive Chalkboard CD-ROM:**  
\_\_\_\_\_ Chapter 39 Assessment  
\_\_\_\_\_ *Alternate Assessment in the Science Classroom*, *TCR*  
\_\_\_\_\_ *Performance Assessment in the Biology Classroom*, *TCR*  
\_\_\_\_\_ *The Princeton Review: Reviewing Biology*, pp. 77–78 *TCR*

### Multimedia Options

\_\_\_\_\_ **Interactive Chalkboard CD-ROM:**  
\_\_\_\_\_ Section 39.2 Presentation  
\_\_\_\_\_ **MindJogger Videoquizzes**, Ch. 39 DVD/VHS  
\_\_\_\_\_ **Videotape:** *The Secret of Life: Nothing to Sneeze At: Viruses*  
\_\_\_\_\_ **ExamView®Pro Testmaker CD-ROM**, Ch. 39  
\_\_\_\_\_ **TeacherWorks™ CD-ROM**  
\_\_\_\_\_ **Guided Reading Audio Summaries MP3**  
\_\_\_\_\_ *Using the Internet in the Science Classroom*, *TCR*  
\_\_\_\_\_ Glencoe Science Web site: **bdol.glencoe.com**

## Lesson Plan

### BioDigest Unit 10

# The Human Body

pp. 1048–1055

1/2 class session(s)

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## National Science Content Standards

UCP.1, UCP.5; C.5

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### Focus

\_\_\_\_\_ Bellringer, *TWE* p. 1048

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### Teach

- \_\_\_\_\_ Vital Statistics, *SE* pp. 1050, 1053
- \_\_\_\_\_ Focus on Health—Blood Glucose Levels, *SE* p. 1051
- \_\_\_\_\_ Quick Demo, *TWE* pp. 1051, 1053, 1054
- \_\_\_\_\_ Biology Journal, *TWE* p. 1052
- \_\_\_\_\_ Portfolio, *TWE* pp. 1050, 1051

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### Assess/Reteach

- \_\_\_\_\_ Check for Understanding, *TWE* p. 1055
- \_\_\_\_\_ Reinforcement, *TWE* p. 1054
- \_\_\_\_\_ Reteach, *TWE* p. 1055
- \_\_\_\_\_ *Reinforcement and Study Guide*, *URB*: English, pp. 245–246 Spanish, pp. 247–248

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### Enrichment/Application

- \_\_\_\_\_ Project, *TWE* pp. 1053, 1054, 1055
- \_\_\_\_\_ Enrichment, pp. 1050, 1053, 1054
- \_\_\_\_\_ Extension, *TWE* p. 1055

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### Assessment

- \_\_\_\_\_ Assessment, *TWE* pp. 1050, 1055

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### Notes