Lesson Plan
35.1 Following Digestion of a Meal

pp. 946–953
1 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
- **Recognize** the different functions of the organs of the digestive system.
- **Outline** the pathway food follows through the digestive tract.
- **Interpret** the role of enzymes in chemical digestion.

National Science Content Standards
UCP.1–3, UCP.5; B.3; C.5; F.1; G.1

Focus
Section Focus Transparency 84 and Master
Getting Started Demo, *TWE* p. 946
Bellringer, *TWE* p. 947

Teach
_____ Inside Story, *SE* p. 949
_____ Problem-Solving Lab 35-1, *SE* p. 952
_____ Quick Demo, *TWE* pp. 948, 950
_____ Portfolio, *TWE* p. 949
_____ Alternative Lab, *TWE* p. 950
_____ *Spanish Resources*

Assess/Reteach
_____ Section Assessment, *SE* p. 953
_____ Reinforcement, *TWE* p. 948
_____ Check for Understanding, *TWE* p. 953
_____ Reteach, *TWE* p. 953
_____ Reteaching Skills Transparency 50 and Master
_____ *Reinforcement and Study Guide*, pp. 155–156 *TCR*
_____ *Content Mastery*, pp. 173–174, 176 *TCR*

Enrichment/Application
_____ Project, *TWE* p. 952
_____ Extension, *TWE* p. 953
_____ *Tech Prep Applications*, pp. 45–46 *TCR*

Close
_____ Discussion, *TWE* p. 953

Chapter Assessment
_____ Assessment, *TWE* pp. 951, 952, 953
_____ *Alternate Assessment in the Science Classroom*, *TCR*
_____ *Performance Assessment in the Biology Classroom*, *TCR*

Multimedia Options
_____ **BDOL CD-ROM** Section 35.1 Summary; Video: *X Ray of Swallowing*; BioQuest: *Body Systems*
_____ **MindJogger Videoquizzes**, Ch. 35 videotape
_____ **ExamView®Pro Software,** Ch. 35
_____ **BDOL Videodisc**: *X Ray of Swallowing*
_____ **NGS Videodisc**: *STV: The Human Body Vol. 1*
_____ *Using the Internet in the Science Classroom*, *TCR*
_____ Glencoe Science Web Site: **ms.science.glencoe.com**

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Lesson Plan

35.2 Nutrition

pp. 954–958

1/2 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

- **Summarize** the contribution of the six classes of nutrients to body nutrition.
- **Identify** the role of the liver in food storage.
- **Relate** caloric intake to weight loss or gain.

National Science Content Standards

UCP.2, UCP.3; A.1, A.2; B.2, B.3, B.6; C.5, C.6; F.1

Mississippi Science Framework, Biology I

2e

Focus

_____ Section Focus Transparency 85 and Master
_____ Bellringer, *TWE* p. 954

Teach

_____ MiniLab 35-1, *SE* p. 957
_____ Problem-Solving Lab 35-2, *SE* p. 958
_____ Biology & Society, *SE* p. 968
_____ Cultural Diversity, *TWE* p. 955
_____ Biology Journal, *TWE* pp. 955, 956
_____ Quick Demo, *TWE* p. 955
_____ *Concept Mapping*, p. 35 *TCR*
_____ *BioLab and MiniLab Worksheets*, p. 155 *TCR*
_____ *Laboratory Manual*, pp. 255–260
_____ *Spanish Resources*

Assess/Reteach

_____ Section Assessment, *SE* p. 958
_____ Check for Understanding, *TWE* p. 957
_____ Reteach, *TWE* p. 957
_____ Reteaching Skills Transparency 51 and Master
_____ *Reinforcement and Study Guide*, p. 157 *TCR*
_____ *Content Mastery*, pp. 173, 175–176 *TCR*

Enrichment/Application

_____ Enrichment, *TWE* p. 955
_____ Tech Prep, *TWE* p. 956
_____ Project, *TWE* p. 957
_____ Extension, *TWE* p. 957

Close

_____ Discussion, *TWE* p. 958

Chapter Assessment

_____ Assessment, *TWE* pp. 956, 957, 958
_____ *Alternate Assessment in the Science Classroom*, *TCR*
_____ *Performance Assessment in the Biology Classroom*, *TCR*

Multimedia Options

_____ **BDOL CD-ROM** Section 35.2 Summary; Exploration: *Nutrition*
_____ **MindJogger Videoquizzes**, Ch. 35 videotape
_____ **ExamView®Pro Software,** Ch. 35
_____ **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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Lesson Plan

35.3 The Endocrine System

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

pp. 959–971

2 1/2 class session(s)

Section Objectives

- **Identify** the functions of some of the hormones secreted by endocrine glands.
- **Summarize** the negative feedback mechanism controlling hormone levels in the body.
- **Contrast** the actions of steroid and amino acid hormones.

National Science Content Standards

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

Focus

_____ Section Focus Transparency 86 and Master
_____ Bellringer, *TWE* p. 959

Teach

_____ Problem-Solving Lab 35-3, *SE* p. 962
_____ MiniLab 35-2, *SE* p. 964
_____ Investigate BioLab, *SE* p. 966
_____ Quick Demo, *TWE* p. 960
_____ Biology Journal, *TWE* pp. 961, 963
_____ Quick Demo, *TWE* pp. 961, 963
_____ Portfolio, *TWE* p. 964
_____ *BioLab and MiniLab Worksheets*, pp. 156–158 *TCR*
_____ Basic Concepts Transparency 65 and Master
_____ *Spanish Resources*

Assess/Reteach

_____ Section Assessment, *SE* p. 965
_____ Check for Understanding, *TWE* p. 965
_____ Reteach, *TWE* p. 965
_____ *Reinforcement and Study Guide*, p. 158 *TCR*
_____ *Content Mastery*, pp. 173, 175–176 *TCR*
_____ *5 Days to the Mississippi Biology I Subject Area Test*, *TCR*

Enrichment/Application

_____ Tech Prep, *TWE* p. 962
_____ Enrichment, *TWE* p. 963
_____ Extension, *TWE* p. 965
_____ *Critical Thinking/Problem Solving*, p. 35 *TCR*

Close

_____ Discussion, *TWE* p. 965

Chapter Assessment

_____ Chapter Assessment, *SE* pp. 969–971
_____ Assessment, *TWE* pp. 961, 962, 964, 965, 967
_____ **BDOL Interactive CD-ROM**, Chapter 35 quiz
_____ *Chapter Assessment*, pp. 205–210 *TCR*
_____ *Alternate Assessment in the Science Classroom*, *TCR*
_____ *Performance Assessment in the Biology Classroom*, *TCR*

Multimedia Options

_____ **BDOL CD-ROM** Section 35.3 Summary
_____ **MindJogger Videoquizzes**, Ch. 35 videotape
_____ **ExamView®Pro Software,** Ch. 35
_____ **Videodisc**: *The Secret of Life*: Endocrine System/Circulation, Control of Blood
_____ *Using the Internet in the Science Classroom*, *TCR*
_____ Glencoe Science Web Site: **ms.science.glencoe.com**

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