

Lesson Plan 35.1

Following Digestion of a Meal



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

pp. 946–953

1 class session(s)

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

Georgia QCC

1.1, 22.1, 23.1, 23.2, 24.1, 24.2

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: ga.science.glencoe.com



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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

Georgia QCC

1.1, 3.2, 6.4, 21.3

Focus

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

Teach

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

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

- | | |
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| _____ BDOL CD-ROM Section 35.2 Summary;
Exploration: <i>Nutrition</i> | _____ <i>Using the Internet in the Science Classroom</i> , TCR |
| _____ MindJogger Videoquizzes, Ch. 35 videotape | _____ Glencoe Science Web Site:
ga.science.glencoe.com |
| _____ ExamView®Pro Software, Ch. 35 | |
| _____ Videodisc: <i>The Infinite Voyage: A Taste of Health</i> | |



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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

Georgia QCC

1.1, 1.2, 1.3, 1.4, 2.1, 3.2, 22.1, 23.1, 24.1, 24.2

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 Georgia High School Graduation 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:
ga.science.glencoe.com