

9-12 Science

Anatomy and Physiology

Glencoe/McGraw-Hill

Understanding Human Anatomy & Physiology ©2005

Mader 2005 5th

Committee Comments or Notations: none

Approach: Renowned for her effective learning systems, respected author Sylvia Mader has helped thousands of entry-level students understand and enjoy the principles of human anatomy and physiology. Mader expertly weaves up-to-date informative content with effective learning systems, piecing together the facts and fascination of human anatomy and physiology. With the fifth edition of Understanding Human Anatomy and Physiology, your introductory students have the opportunity to experience an effective blend of up-to-date, informational content with several new features and an extensively enhanced multimedia support system. New to this edition New and completely updated design. "What's New" boxed readings that bring current health care topics to life. Revised! Medical Focus and MedAlert readings highlight clinical issues. Features Mader's easy-to-read and enjoyable writing style is a hallmark. The writing style and depth of presentation of Understanding Human A&P are appropriate for students who have had little background in science and who are just beginning to pursue a career in an allied health field. Mader's text eases students into the science of A&P. With the effective pedagogical features built into her text, the end product is a student with a solid, working knowledge of the human body. Clearly better art--More than 50 illustrations are new in the fifth edition, all to help students further clarify difficult concepts. Icons show the location of a particular body part have been added to illustrations where appropriate. Also, the Visual Focus illustrations explain complex processes with step-by-step statements.

Recommended for: Intended for use by students in grades 9-12

Suggested Instructional Time: 1 year

Consultant Service: THIS SERVICE MAY BE OBTAINED BY CONTACTING OUR FLORIDA REGIONAL OFFICE AT: 5102 WEST LAUREL STREET, SUITE 400, TAMPA, FL 33607, PHONE: (813) 286-9010 / (877) 401-7147, FAX: (813) 287-8666, MARY RUSSICK, REGIONAL VICE PRESIDENT. THERE IS NO CHARGE FOR THIS SERVICE.

Adopted: 2006 - 2009

Contract Extended: 2009-2011

MAJOR TOOL

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ANCILLARIES

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Anatomy and Physiology

John Wiley and Sons, Inc. c/o Peoples Publishing Group

Introduction to the Human Body, 6E

Tortora/Grabowski 2004 6th

ANCILLARIES

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0471-43217-2	Learning Guide	\$30.80		
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Pearson Education, Inc., publishing as Pearson Prentice Hall

Essentials of Human Anatomy and Physiology

Marieb 2006 8th

Committee Comments or Notations: none

Approach: Essentials of Human Anatomy & Physiology introduces students to the structure and function of the human body. Timely topics, such as immunology and clinical advances, have been updated so that explanations are both accurate and current. Most importantly, this text has an unimposing writing style that has successfully helped students with limited background in the sciences grasp the fundamental concepts of human anatomy and the inner workings of the body. The text is organized according to a sequence of topics that encourages learning. The first chapter orients students to the new world of learning in which they become immersed in anatomical terminology. Chemistry, cells, tissues and the skin are treated in succession. Many students find the skin is an interesting system making the transition to organ system discussions more easily accomplished. Each organ system is approached from simple to increasingly complex levels emphasizing a building of an understanding of the concepts rather than rote memorization. The text is written to allow for flexibility in topic presentation. Each chapter is self-contained so teachers can select the most comfortable organization or omit chapters without detracting from the flow of the text.

Recommended for: Elective students interested in a less rigorous review of Anatomy & Physiology. Grades 10-12. Students who may pursue careers in the allied health fields or are looking for an elective to expand their knowledge of biology.

Suggested Instructional Time: 1 year

Consultant Service: Consultant services will be available for in-service training as needed for the duration of the contract. Request for training should be made through your local Sales Representative or Florida District Manager, Steve Olson, at 800-435-3499 x7868

Adopted: 2006 - 2009

Contract Extended: 2009-2011

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131934813	Student Edition with CD-ROM	\$69.47		
131934953	Replacement CD	\$14.97		131934953
805373292	Instructor's Guide with Test Bank	\$18.97	*	* Free upon request, 1:Teacher User with minimum purchase of 25 SEs

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Biology I

Holt, Rinehart and Winston

Florida Holt Biology ©2006

Johnson & Raven 2006 2006

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Biology I

Pearson Education, Inc., publishing as Pearson Prentice Hall

Prentice Hall Biology, Florida Edition

Miller/Levine

2006 1st

ANCILLARIES

ISBN	Item	Price	Free Symbol	Terms:
				25 SEs
131662597	Adapted Reading & Study Workbook B, Student Edition	\$5.47	*	* Free upon request, 1:Teacher User with minimum purchase of 25 SEs
130590258	Animated Biological Concepts Videotape Library	\$239.97	*	* Free upon request, 1:Teacher User with minimum purchase of 25 SEs
131155318	Spanish Teacher's Guide	\$39.97	# *	#* Free upon request, 1:Teacher User with minimum purchase of 25 SEs, only with initial adoption & purchase
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013115284X	Lab Manual A, Student Edition		▲	▲ Choice of one: Free upon request, one workbook or lab manual (013250779X, 0131662570, 0131662597, 0131155237, 013115284X, 0131152831) per student edition purchased, 1st year of purchase only, AND Free upon request, one workbook or lab manual per student
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Biology I Honors

Pearson Education, Inc., publishing as Pearson Prentice Hall

Biology: Exploring Life, Florida Edition

Campbell et al. 2007 1st

Committee Comments or Notations: Extensive use of technology to support curriculum.

Approach: Biology: Exploring Life is organized into 9 units and 36 chapters. Each chapter is organized around a few Key Concepts that develop the content in a logical, well-paced sequence. Each concept begins with an introductory paragraph, Objectives, and Key Terms, and ends with Concept Check questions that help students check their understanding. Each Key Concept in the text has a corresponding Online Activity that explores the same content in an interactive approach. Each chapter ends with a Chapter Review in the Student Edition and an online Chapter Assessment. Each Unit Opener in the text includes an interesting quote and photo that focus on a theme of the unit's content (e.g., p. 289). Every chapter begins with an optional engaging online WebQuest that can be used to jumpstart student interest (e.g., Ch. 8 WebQuest, ChocolateQuest). Each Key Concept begins with an introductory paragraph, Objectives, and Key Terms to focus students' attention, and includes a teaching strategy to Engage students. Biology Exploring Life Florida Student Edition was specifically designed for use in Florida classrooms. The Student Edition introduces the Sunshine State Standards and FCAT-tested Science Benchmarks at the beginning of the text in a Student Handbook. This handbook is a reference tool that familiarizes both students and parents with the Sunshine State Standards and benchmarks. With new initiatives like No Child Left Behind, the main goal of the Biology Exploring Life Student Edition is to provide access to content for all students regardless of background or ability level. Biology Exploring Life Florida Student Edition integrates reading instruction right in the student text. Students learn FCAT Target Reading Skills, apply them while reading, and assess them at the end of each section. Reading checks help students monitor comprehension as they read the textbook. Sunshine State Standards are identified in every section preview so students and parents will know which standards are being met in the section. Comprehensive inquiry options throughout the program helps develop skills students need to be successful, correlated to FCAT-tested Science Benchmarks, and provide step-by-step lessons to learn, practice and apply skills. Preparing for FCAT pages help students prepare for the exam by including questions in the FCAT format.

Recommended for: Grades 9-12

Suggested Instructional Time: 1 year +

Consultant Service: Prentice Hall, as part of Pearson Education Professional Development, offers you the most comprehensive staff development solutions that range from program orientation to system-wide training on content, technology, skills, and issues in chemistry. In partnership with your district, Prentice Hall will provide a consistent, collaborative framework to establish a customized and on-going professional development system, utilizing a variety of forms, including on-site workshops, online programs, built-in support, and video and print-based reference materials. Consultant Staff: Prentice Hall's educational consultants are simply among the best in the business. With years of teaching and consulting experience, each consultant is truly an expert in the field of Chemistry. Prentice Hall will provide free on-site staff development. Prentice Hall's consultant staff delivers half-day and full-day in-servicing of all of our Science programs, from initial program orientation to more advanced topics. Upon adoption, consultant presentations for in-service may be arranged through the local sales representative or regional office at no cost to the school or district.

Adopted: 2006 - 2009

Contract Extended: 2009-2011

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132508869	Florida Teacher's Edition	\$85.97	*	* Free upon request, 1:Teacher User with minimum purchase of 25 SEs
132508850	Florida Student Edition with Web Access and Online Activities CD-ROM	\$70.97	▲ #	▲#Free upon request, 1:4 SEs purchased, first year of purchase only, upon full implementation

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<u>ISBN</u>	<u>Item</u>	<u>Price</u>	<u>Free Symbol</u>	<u>Terms:</u>
130642665	Lab Manual	\$12.47	*	* Free upon request, 1:Teacher User with minimum purchase of 25 SEs
013250779X	FCAT Prep Workbook with Content Review, Student Edition	\$8.47	●	●Choice of one, free upon request, 1:Student Edition purchased, life of the adoption: 131150650, 131150634, OR 013250779X
131904094	Teacher's Online Access Pack	\$299.97	*	* Free upon request, 1:Teacher User with minimum purchase of 25 SEs
131152130	Teaching Resources [Includes: Computer Test Bank with ExamView Book and CD-ROM; Guided Reading & Study Workbook Student Edition and Answer Key; Lab Manual Teacher's Edition; and Learning Log for Online Activities]	\$225.97	*	* Free upon request, 1:Teacher User with minimum purchase of 25 SEs
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9-12 Science

Biology II

Pearson Education, Inc., publishing as Pearson Prentice Hall

Biology: Life on Earth

Audesirk et al. 2005 7th

Committee Comments or Notations: none

Approach: Teachers must instill a sense of scientific literacy in their students. Biology: Life on Earth helps teachers and students manage a wealth of scientific information in a way students can relate to. Students are encouraged to learn according to their own style, and to relate this information to their own lives. The goal of Biology: Life on Earth is to create scientifically literate individuals. A scientifically literate individual does not think in isolated soundbites, but recognizes the interrelatedness of concepts and grasping the big ideas, and the need to bring information from many areas to bear on an issue. Additionally, the scientifically literate must sort through the vast amount of resources and distinguish true scientific information from pseudoscience.

Recommended for: Honors or Biology II

Suggested Instructional Time: 1 year +

Consultant Service: Consultant services will be available for in-service training as needed for the duration of the contract. Request for training should be made through your local Sales Representative or Florida District Manager, Steve Olson, at 800-435-3499 x7868

Adopted: 2006 - 2009

Contract Extended: 2009-2011

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131934805	Student Edition with CD-ROM	\$81.47		
131938037	Replacement CD	\$14.97		131934805
805371613	Instructor's Guide	\$18.97	*	* Free upon request, 1:Teacher User with minimum purchase of 25 SEs
131920103	Student Edition	\$81.47		

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