

The Concise Human Body An Illustrated To Its Structure Function And Disorders

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My Little Golden Book About the Solar System - Dennis R. Shealy 2018-09-11

Little Golden Books introduces your young reader to the solar system! This simple yet informative book brings our fascinating solar system to life for kids just learning how to read. They'll enjoy poring over the dramatic illustrations as they learn about planets, constellations, satellites, spacecraft, and more. Lively and up to date, this perfect "first book" will inspire little ones to search for shooting stars, constellations, and the Milky Way!

The Concise Human Body Book - Steve Parker 2016

This all-in-one-guide to the human body contains up-to-the-minute descriptions and illustrations of the body's physical structure, chemical workings, and potential problems.

The Human Body Book - Steve Parker 2007

Discover how the nervous system works, the intricate construction of skeleton and muscles, and how your body protects itself when you are under threat. Put yourself under the microscope using the interactive DVD-Rom. Zoom in on a body part and see the bodies processes in action from a nerve impulse to blood surging through an artery. Journey inside and examine what can go wrong with the human machine: explore the causes and symptoms for diseases and ailments. *The Core Concepts of Physiology* - Joel Michael 2017-02-20

This book offers physiology teachers a new approach to teaching their subject that will lead

to increased student understanding and retention of the most important ideas. By integrating the core concepts of physiology into individual courses and across the entire curriculum, it provides students with tools that will help them learn more easily and fully understand the physiology content they are asked to learn. The authors present examples of how the core concepts can be used to teach individual topics, design learning resources, assess student understanding, and structure a physiology curriculum.

[The Concise Human Body Book](#) - Steve Parker 2019-06-06

Discover all there is to know about human anatomy in DK's latest concise visual guide to the human body. Fully updated to reflect the latest medical information, The Concise Human Body Book is illustrated throughout with colourful and comprehensive diagrams, photographs, scans, and 3D artworks, which take you right into the cells and fibres that are responsible for keeping your body ticking. The Concise Human Body Book provides full coverage of the body, function by function, system by system. In the opening chapter, colourful medical scans, illustrations, and easy-to-understand diagrams show you how the different parts of the body work together to produce a living whole. Eleven main body systems - including the skeletal system, cardiovascular system, and respiratory system - are then covered in intricate detail in the

following chapters, with each section ending on common diseases and disorders that can affect that system. From bones and muscles to systems and processes, this in-depth, pocket-sized guide to the body's physical structure, chemical workings, and potential problems is the must-have reference manual for trainee medical professionals, students, or anyone interested in finding out more about how the human body works.

Human Body Decomposition - Jarvis Hayman
2016-03-24

The fate of the human body after death is a subject that has fascinated enquirers, both in the scientific and legal realms for millennia. However, objective research into the causes and nature of human decomposition has only taken place in the last two centuries, and quantitative measurement of the process as a means of estimating the time of death has only recently been attempted. The substantial literature concerning this research has been published in numerous scientific journals since the beginning of the nineteenth century. *Human Body Decomposition* expands on the current literature to include the evolving research on estimating the time of death. This volume details the process of decomposition to include early period after death when the body cools to ambient temperature, and when the body begins to putrefy. This process is significant because the estimation of the time of death becomes increasingly more difficult when the body begins to putrefy. *Human Body Decomposition* compiles a chronological account of research into the estimation of the time since death in human bodies found decomposed in order that researchers in the subject field can concentrate their thoughts and build on what has been achieved in the past. Provides concise details of research, over the last 200 years, of estimating the time of death in decomposed bodies. Covers methods of research into human decomposition in the stages of body cooling to ambient temperature and the later stages of autolysis, putrefaction and skeletonisation. Includes a detailed account of recent research and future concepts. Concludes with an account of the difficulties which future research into human decomposition will encounter.

The Brain Book - Rita Carter 2019-01-03

This science ebook of award-winning print edition uses the latest findings from neuroscience research and brain-imaging technology to take you on a journey into the human brain. CGI artworks and brain MRI scans reveal the brain's anatomy in unprecedented detail. Step-by-step sequences unravel and simplify the complex processes of brain function, such as how nerves transmit signals, how memories are laid down and recalled, and how we register emotions. The book answers fundamental and compelling questions about the brain: what does it mean to be conscious, what happens when we're asleep, and are the brains of men and women different? Written by award-winning author Rita Carter, this is an accessible and authoritative reference book to a fascinating part of the human body. Thanks to improvements in scanning technology, our understanding of the brain is changing fast. Now in its third edition, the *Brain Book* provides an up-to-date guide to one of science's most exciting frontiers. With its coverage of over 50 brain-related diseases and disorders - from strokes to brain tumours and schizophrenia - it is also an essential manual for students and healthcare professionals.

Concise Encyclopedia of the Human Body - David Burnie 1995

A detailed, well-illustrated guide to the major systems, functions, and structures of the human body.

Narayana Concise Textbook of Clinical Anatomy - MS Fais KI Sampath Kumar
2020-07-24

Logan's Illustrated Human Anatomy - Bari M. Logan 2016-11-25

This concise illustrated volume presents a pictorial guide to human anatomy through the meticulous dissections of Bari Logan, assembled during his long career as a distinguished prosector, and representing an unrivalled collection of superb photographic images. Illustrations are fully labelled, and accompanied by brief clinical notes to provide additional guidance for the student. Material covering anatomical preparation and cadaver preservation, orientation and planes of section, the bones, muscles and cranial nerves and an extensive glossary provides supplemental detail.

The book will be a convenient photographic companion to all core textbooks of anatomy and ideal during exam preparation.

The Pocket Atlas of Human Anatomy - Chris Jarmey 2018-08-21

A user-friendly guide for students of anatomy and anyone interested in the workings of the human body This concise, pocket-sized reference guide is a handy, comprehensive reference for students and practitioners of anatomy, massage, physical therapy, chiropractics, medicine, and physiotherapy--or for anyone who would like a quick and well-organized manual of human anatomy. The first seven chapters explain anatomical orientation, tissues, bone, the axial and appendicular skeletons, joints, and skeletal muscle and fascia. In the book's final chapters, the muscle groups of the body's four major regions are amply illustrated, with composite drawings detailing each region's deep and superficial muscles in both anterior and posterior views. Color tables show each muscle's origin, insertion, innervation, and action. Written in clear, accessible prose, the book offers a wealth of knowledge to the lay reader, the aficionado, or the practitioner.

The Concise Book of Muscles, Third Edition - Chris Jarmey 2016-02-16

Updated with the latest human anatomy and biomechanics research, the third edition of this authoritative, best-selling book offers a comprehensive introduction to emerging explanations of new models of living motion and human architecture. Detailed, full-color anatomical drawings and clear, succinct text identify all the major muscles, showing the origin, insertion, action, and innervation of each muscle. Designed to make complex topics easily accessible to medical students and anyone interested in anatomy and movement, The Concise Book of Muscles is a quick, information-packed, and user-friendly guide to this rapidly-growing and important field.

Human Anatomy and Physiology Laboratory Manual - MELISSA. ROBISON GREENE (ROBIN. STRONG, LISA.) 2020-01-10

Human Sectional Anatomy - Harold Ellis 2007-11-30

First published in 1991, Human Sectional Anatomy set new standards for the quality of

cadaver sections and accompanying radiological images. Now in its third edition, this unsurpassed quality remains and is further enhanced by some useful new material. As with the previous editions, the superb full-colour cadaver sections are compared with CT and MRI images, with accompanying, labelled line diagrams. Many of the radiological images have been replaced with new examples, taken on the most up-to date equipment to ensure excellent visualisation of the anatomy. Completely new page spreads have been added to improve the book's coverage, including images taken using multidetector CT technology, and some beautiful 3D volume rendered CT images. The photographic material is enhanced by useful notes, extended for the third edition, with details of important anatomical and radiological features.

McMinn's Concise Human Anatomy, Second Edition - David Heylings 2017

Preceded by: The concise handbook of human anatomy / R.M.H. McMinn, R.T. Hutchings, and B.M. Logan. 1998.

The Human Body - Richard Walker 2018-11-29
It's 1839 and you are a medical student working on your first human body dissection! Under the watchful eye of Dr Walker, peel the flaps back to reveal the inner workings of the human body, from bone and muscle, to the brain, eyes, heart, lungs and everything in-between. Victorian-inspired illustrations meet with medical notes and sketches to give a complete in-depth exploration of how the human body works.

Human Body Dynamics - Aydin Tözeren 2006-04-18

A quantitative approach to studying human biomechanics, presenting principles of classical mechanics using case studies involving human movement. Vector algebra and vector differentiation are used to describe the motion of objects and 3D motion mechanics are treated in depth. Diagrams and software-created sequences are used to illustrate human movement.

The Concise Book of Muscles, Second Edition - Chris Jarmey 2013-03-26

A clear, simple guide for students of anatomy as well as an excellent resource for athletes, massage therapists, and anyone interested in the workings of the human body, this user-friendly

book is organized around six muscle groups. They include muscles of the face head, and neck; the trunk; the shoulder and upper arm; the forearm and hand; the hip and thigh; and the leg and foot. Each of the groups is given a distinctive color to make it easy to identify, and each muscle is shown in its relationship to the skeleton. Each gets a complete profile, including origin/insertion, action of the muscle, which nerve controls it, movements that use it, and exercises and stretches that strengthen it. The Concise Book of Muscles shows students exactly how to locate and identify specific muscles, highlighting those that are heavily used and therefore subject to injury in a variety of sports and activities. This expanded edition of a leading anatomy reference book includes 20 muscles not previously covered, adding greater depth to the original edition while remaining accessible and affordable.

The Facts on File Encyclopedia of Health and Medicine - 2007

Anatomy & Physiology - 2016

The Human Body - Tony Smith 1995

The human body is made up of over 100 million cells. They are the tiny building blocks out of which the body's tissues and organs are formed, and together these parts make up a marvellously synchronised, living community. This exciting book uses spectacular medical drawings, plus images derived from new technologies, as an inspiring aid to understanding the anatomy and function of the body, and many of its common disorders. Images work together with crystal-clear language to bring the key concepts to life - such as how the heart keeps beating constantly throughout life, or how instructions for the entire body's growth are held in every single cell. Never before has it been possible to learn so much, so quickly, about the human body, both female and male, in sickness and in health, and from birth to old age.

The Human Body - Martyn Page 2001-06-13

Human Body is a concise guide to the structure, functions, and disorders of the body. Using full-color, highly detailed illustrations and clear, accessible language, this book is a fascinating introduction to how the body works and what may go wrong. The first part, Anatomy of the

Human Body, begins with a medical atlas that shows how the parts of the body fit together. Each individual body system -- such as the skeletal and digestive systems -- is then fully illustrated and explained in detail. A compelling section on the human life cycle examines the changes in the body from conception to old age. In the second part of the book, Diseases and Disorders, some of the most common disorders are described and illustrated, system by system, with explanations of exactly what goes wrong and why. Medical conditions covered include infections, injuries, and cancer. Finally, there is a concise glossary of medical terms.

Introduction to Human Anatomy and Physiology - Eldra Pearl Solomon 2009

Completely updated, the 3rd edition of this practical textbook introduces you to basic anatomy and physiology - covering need-to-know principles with real-world examples that make key concepts easy to understand. It's logically organized into 17 chapters that each explores a particular body system. This edition is easier to use than ever, offering an engaging new layout with more than 200 color illustrations, as well as new Tools for Learning that lead you through each chapter, highlighting important topics and helping you strengthen and assess your understanding of anatomy and physiology. The reader-friendly approach features a conversational writing style to enhance readability and comprehension. More than 200 full-color illustrations with captions clearly demonstrate core concepts and reinforce important principles. Chapter outlines at the beginning of each chapter provide an overview of the material that will be covered. Key terms, many with phonetic pronunciation guides, are located throughout the chapters. Chapter quizzes and review questions reinforce and assess your understanding of key chapter content. Useful appendices include information on medical terminology, as well as answers to the chapter quizzes. An extensive glossary provides definitions for all key terms, as well as many additional terms that may be unfamiliar. Tools for Learning guide you through each chapter for a more focused study experience: Learning Objectives appear after main headings to help you concentrate on important information. Quiz Yourself questions at the end

of each major section allow you to reinforce and test your comprehension of key concepts. Chapter Summaries illustrate how the topics covered in each chapter support the Learning Objectives. Part captions - now integrated into the illustrations - clearly explain core concepts and highlight important principles demonstrated by the images. An enhanced Evolve companion website offers additional learning exercises, including: Panorama of Anatomy and Physiology program with interactive quizzes, movie clips, fun facts, and information on careers related to A&P.

McMinn's Concise Human Anatomy - David Heylings 2017-08-23

Focusing on the essentials, McMinn's Concise Human Anatomy is a convenient, portable guide and revision aid. The clear, jargon-free text is supported by high-quality, labelled photographs of cadaver dissections and surface anatomy, radiological images captured using the latest technologies and explanatory line diagrams, all redrawn for this edition. Providing full explanations of difficult anatomical relationships, and highlighting features of clinical significance throughout, this second edition remains an invaluable guide for students of anatomy across the medical and health sciences, and a handy reference for the busy clinician.

Human Anatomy - John Arthur Gosling 2002
Still unique in the field, this text combines color photographs and full-color artwork in one convenient resource. The dissections are amazingly clear, almost 3-D in appearance, and color-coded artwork next to each photo makes anatomy easy to interpret and identify. Spanish version of 2nd edition also available, ISBN: 84-8086-118-5

Yoga of the Subtle Body - Tias Little 2017-05-30

With his expert teachings, philosophical insights, and pragmatic imagery, world-class yoga instructor Tias Little turns the anatomy of the physical body into a tool for navigating the subtle body. If you spend considerable time doing yoga, you begin to see that it is about much more than just the body—the practice of yoga in fact reveals that the body is in no way separate from the psYchospiritual forces that animate it. Tias Little here provides a way to

understand these forces as they relate to an integrated yoga of body, mind, and spirit. He unites somatic concepts and wisdom teachings in this practical guide to the anatomy of the physical, mental, emotional, and subtle (or energetic) body. Little is a master teacher who offers us a guided tour of the body's structure and physical anatomy, then uses this new structural awareness as the basis for exploring the subtle body. In a meaningful and pragmatic way, the book maps the connection between the body and the rich symbolism that pervades the yogic imagination, including the chakras, nadis, and koshas. Further, Little offers readers clear, insightful yoga, pranayama, and meditation exercises that apply these body-mind principles.

Anatomy & Physiology - Lindsay Biga 2019-09-26
A version of the OpenStax text

Water Intake, Body Water Regulation and Health - William M. Adams 2020-04-16

The purpose of this Special Issue, "Water Intake, Body Water Regulation, and Health", is to present novel reviews and experimental data regarding hydration physiology and its implication in overall health. Water has previously been dubbed the forgotten nutrient due to humans' and animals' ability to subsist seemingly unchanged across a wide range of daily water intakes. However, with the introduction of stressors such as exercise, diseased states, and/or chronic high or low water intake, the homeostatic signals related to body water regulation can influence organ and whole-body health. This Special Issue will discuss water intake, the scientific rationale surrounding the U.S. and European water intake guidelines, homeostatic mechanisms, diseases related to dysfunction of water regulation, and differences in the volume and the vehicle in which the water is contained (i.e., plain water versus mixed beverages) on water intake during and following exercise. The aim is to continue discussion surrounding water, the previously forgotten nutrient, and highlight the importance of water in daily life.

The Concise Book of Muscles, Fourth Edition - Chris Jarmey 2018-10-02

The updated edition of this authoritative, best-selling reference guide offers a comprehensive introduction to the muscular system—now with additional material on the anatomy of the body

area, nerve pathways, and pelvic floor muscles. This newly revised fourth edition of *The Concise Book of Muscles* is a comprehensive guide to the major muscle groups. Easy to use and fully illustrated with more than 500 drawings, this compact reference provides a complete profile for each muscle, clearly showing its origin, insertion, nerve supply, and action, the movements that use it, and, where appropriate, exercises that stretch and strengthen it. The book's distinctive quick-reference format shows students exactly how to locate and identify specific muscles, highlighting those that are heavily used and therefore subject to injury in a variety of sports and activities. Each muscle chapter now includes an overview of the gross anatomy of the body area to show bony landmarks, cross-sections of muscle layers, and points of attachment as well as a quick reference table and an overview of the nerve pathways that are most relevant. The book also includes a new chapter on the pelvic floor muscles—of particular interest to those studying or practicing yoga and Pilates. While designed for the student and beginning practitioner of anatomy, massage, bodywork, physical therapy, chiropractic medicine, physiotherapy, yoga, and Pilates or any other health-related field, *The Concise Book of Muscles* is equally useful for athletes and anyone interested in the workings of the human body.

[The Human Body](#) - Martyn Page 2001-06-13
Human Body is a concise guide to the structure, functions, and disorders of the body. Using full-color, highly detailed illustrations and clear, accessible language, this book is a fascinating introduction to how the body works and what may go wrong. The first part, *Anatomy of the Human Body*, begins with a medical atlas that shows how the parts of the body fit together. Each individual body system -- such as the skeletal and digestive systems -- is then fully illustrated and explained in detail. A compelling section on the human life cycle examines the changes in the body from conception to old age. In the second part of the book, *Diseases and Disorders*, some of the most common disorders are described and illustrated, system by system, with explanations of exactly what goes wrong and why. Medical conditions covered include infections, injuries, and cancer. Finally, there is

a concise glossary of medical terms.

The Anatomy Coloring Book - Wynn Kapit 2002

Includes bibliographical references and index
Science of Running - Chris Napier 2020-02-04
Discover the hard science that will help you run faster, endure for longer, and avoid injury. Analyze your running style and learn how to enhance your gait for optimum efficiency and safety. Transform your performance with exercises targeting strength, flexibility, and recovery - each exercise annotated to reveal the muscle mechanics so you know you're getting it right. Understand the science behind your body's energy systems and how to train to maximize energy storage and conversion. Follow training and exercise programs tailored to different abilities and distances, from 5K to marathon. Whether you are new to running or an experienced runner, this book will help you achieve your goals and stay injury-free.

Human Anatomy: A Very Short Introduction - Leslie Klenerman 2015-02-26

A vast subject that includes a strange vocabulary and an apparent mass of facts, human anatomy can at first appear confusing and off-putting. But the basic construction of the human body - the skeleton, the organs of the chest and abdomen, the nervous system, the head and neck with its sensory systems and anatomy for breathing and swallowing - is vital for anyone studying medicine, biology, and health studies. In this *Very Short Introduction* Leslie Klenerman provides a clear, concise, and accessible introduction to the structure, function, and main systems of the human body, including a number of clear and simple illustrations to explain the key areas. ABOUT THE SERIES: The *Very Short Introductions* series from Oxford University Press contains hundreds of titles in almost every subject area. These pocket-sized books are the perfect way to get ahead in a new subject quickly. Our expert authors combine facts, analysis, perspective, new ideas, and enthusiasm to make interesting and challenging topics highly readable.

The Complete Human Body - Alice Roberts 2016-06-07

Intricate details of all aspects of the human body down to the smallest detail - from our cells and DNA to the largest bone in our bodies, the

femur. 3D generated illustrations and medical imaging provide a close look at the body's forms and functions in physiology and anatomy, showing how the body works and its amazing systems and abilities. To understand our modern human bodies, this book first looks at our ancestors and how the evolution of Homo Sapiens shaped our anatomy. This gave us the ability to walk tall, create language, and make tools with our incredibly adapted opposable thumbs. Learn how we can see evolution in our DNA, and the functions of DNA. Read about the things you can only see with microscopes and other special imaging machines, like cell structure, motor pathways in the brain, and the inner iris. All these many parts work together to make the human body. The physiology of our body is written in clarifying detail. Learn about the organs and systems that operate within, like the cardiovascular, digestive, and neural systems. See our elegant anatomy and read how the skeleton, muscles, and ligaments operate to allow movement. This second edition has included more detail on the joints in the hands and feet. The Complete Human Body takes you from infancy to old age showing how our body grows and changes, and what can go wrong. 2nd Edition: Enhanced and Updated This visual guide uses remarkable illustrations and diagrams to peek inside our complex and astounding bodies. It has been written in an easy-to-follow format, with straightforward explanations to give you the best overview of the many things that make us human. Suitable for young students who want an extra resource for school, people working in medical fields, or for anyone with a keen interest in human biology. Inside the body of the book: - The Integrated Body - Anatomy - How the Body Works - Life Cycles - Diseases and Disorders

The Human Body Atlas - Global Book Publishing 2017-01-16

The beautiful full-color illustrations in this book are accompanied by informative text explaining the major body systems: circulatory, digestive, endocrine, lymphatic, muscular, nervous, autonomic nervous, reproductive, respiratory, skeletal and urinary systems. It's a useful resource and valuable family reference, suitable for use by both adults and students. It's a must for every home library. Discover the intricacies

and beauty of the human body in this complete, fully illustrated guide. Designed to help us understand the systems, organs, parts and processes that make our bodies function, The Human Body Atlas reveals the structures and mechanisms behind the human body. The user-friendly text, written by medical experts, demystifies the complexities of the human body. When you need to find out just how an organ works, the role it plays in the overall operation of the body, or what it really looks like? you can find the answer in this book.

[Anatomy of the Human Body](#) - Henry Gray 1961 Anatomie.

The Secret Body - Daniel M. Davis 2022-07-26

"A perfect blend of cutting-edge science and compelling storytelling."—Bill Bryson A revolutionary new vision of human biology and the scientific breakthroughs that will transform our lives Imagine knowing years in advance whether you are likely to get cancer or having a personalized understanding of your individual genes, organs, and cells. Imagine being able to monitor your body's well-being, or have a diet tailored to your microbiome. The Secret Body reveals how these and other stunning breakthroughs and technologies are transforming our understanding of how the human body works, what it is capable of, how to protect it from disease, and how we might manipulate it in the future. Taking readers to the cutting edge of research, Daniel Davis shows how radical new possibilities are becoming realities thanks to the visionary efforts of scientists who are revealing the invisible and secret universe within each of us. Focusing on six important frontiers, Davis describes what we are learning about cells, the development of the fetus, the body's immune system, the brain, the microbiome, and the genome—areas of human biology that are usually understood in isolation. Bringing them together here for the first time, Davis offers a new vision of the human body as a biological wonder of dizzying complexity and possibility. Written by an award-winning scientist at the forefront of this adventure, The Secret Body is a gripping drama of discovery and a landmark account of the dawning revolution in human health.

Anatomy and Physiology - Phillip Vaughn 2016-06-12

Master the Fundamentals of Anatomy & Physiology with This Concise Learning Guide
This book adopts a layered approach to learning anatomy and physiology. It begins with an introduction to anatomical terms of location and orientation, before looking at the basic structural and functional unit of the life: the cell. In the fourth section, the structural organization of the human body and essential medical terminology are covered. This will equip you with the fundamental knowledge you need to embark upon your voyage around the human body. What follows is a thematic presentation of the essential body systems of the human body and their structural and functional significance. Covered in the Anatomy and Physiology Made Easy guide are the following areas: - Anatomic Terms of the Human Body - Cells, DNA and Tissues - Structural Organization and Essential Medical Terminology - Musculoskeletal System - Neurosensory System and the Sense Organs - Integumentary System - Endocrine System - Cardiovascular System - Hematologic System - Lymphatic System and Immunity - Respiratory System - Gastrointestinal System - Urinary System - Reproductive System - Fluids, Electrolytes, and Acid-Base Balance - Nutrition and Metabolism Kickstart Your Anatomy & Physiology Mastery Now!

Practical Anatomy - Jules Kieser 2020-01-17

A clear, concise and accessible dissection guide for undergraduate allied health sciences and medical students encountering dissection for the first time *Practical Anatomy* is designed to enable novice anatomists to grasp the biological background of the human anatomy while understanding its complexity within the clinical context. As a guide to the dissection of the human cadaver, it provides an account of the biological and systemic foundations of the human body. In keeping with the tradition of its predecessor this revised edition is primarily aimed at undergraduate allied health sciences and medical students who are encountering dissection for the first time and are intimidated by the volume of information to be understood.

In addition, some dissections of more complex regions of the anatomy have been integrated into the text for more advanced students. This version has built on the solid foundation of the first edition of *Practical Anatomy and Man's Anatomy*, incorporating all the features unique to these texts while updating the methodology and including the latest anatomical terminology as outlined in the *Terminologia Anatomica*. The text and illustrations have been simplified to provide a clear, concise and accessible dissection guide.

Human Body - DK 2012-06-18

Look inside yourself for the first time with the ultimate body book for children. From the hair on your head to the tips of your toes, this essential encyclopedia explores the super science going on under your skin. Did you know your amazing body consists of 100 trillion cells? Or that your blood vessels laid out end to end would wrap around planet Earth twice? And that you'll munch through 20 tonnes of food in your lifetime? Find out all this and much more on the epic journey of self-discovery, not forgetting your heads, shoulders, knees, and toes! During this introduction to anatomy, you'll stop off to see the different organs and systems designed to keep us going all day long. Check out the brilliant brain in action at the body's control center, the heart that never stops beating, the huge lungs filling with air to breathe, and the strong skeleton that keeps you from turning to jelly. Peel back the layers as you go deeper into the muscles, bones, cells, and finally, the DNA that makes you different from everyone else.? This international best-seller has been fully updated to include the latest research on the human body. Stunning photographs, CGI artworks, and eye-catching graphics work together with accessible text, fun-filled facts, and quirky quizzes to ensure an exciting and educational experience that is second to none. This brilliant body book is the perfect study aid or homework help - and you'll never see yourself in the same way again! Supports the Common Core State Standards.