

Science Focus 4 2nd Edition

Science Focus FourTeacher edition

Completely revised new editions of the market-leading Chemistry textbooks for HL and SL, written for the new 2014 Science IB Diploma curriculum. Now with an accompanying four-year student access to an enhanced eText, containing simulations, animations, quizzes, worked solutions, videos and much more. The enhanced eText is also available to buy separately and works on desktops and tablets - click here to watch a video to learn more. Follows the organizational structure of the course, with a focus on the Essential Ideas, Understanding, Applications & Skills for complete syllabus-matching. Written by the highly experienced IB author team of Cathryn Brown and Mike Ford, with additional e-features by Richard Thornley and David Moore, you can be confident that you and your students have all the resources you will need for the new Chemistry course. Features: Nature of Science and TOK boxes throughout the text ensure an embedding of these core considerations and promote concept-based learning. Applications of the subject through everyday examples are described in utilization boxes, as well as brief descriptions of related industries, to help highlight the relevance and context of what is being learned. Differentiation is offered in the Challenge Yourself exercises and activities, along with guidance and support for laboratory work on the page and online. Exam-style assessment opportunities are provided from real past papers, along with hints for success in the exams, and guidance on how to avoid common pitfalls. Clear links are made to the Learner profile and the IB core values. Table of Contents: Stoichiometric Relationships Atomic Structure Periodicity Chemical Bonding and Structure Energetics/Thermochemistry Chemical Kinetics Equilibrium Acids and Bases Redox Processes Organic Chemistry Measurement and Data Processing Option A: Materials Option B: Biochemistry Option C: Energy Option D: Medicinal Chemistry

Five years and more than 100,000 copies after it was first published, it’s hard to imagine anyone working in Web design who hasn’t read Steve Krug’s “Instant classic” on Web usability, but people are still discovering it every day. In this second edition, Steve adds three new chapters in the same style as the original: wry and entertaining, yet loaded with insights and practical advice for novice and veteran alike. Don’t be surprised if it completely changes the way you think about Web design. *Three New Chapters!* Usability as common courtesy – Why people really leave Web sites Web Accessibility, CSS, and you – Making sites usable and accessible Help! My boss wants me to – Surviving executive design whims “I thought usability was the enemy of design until I read the first edition of this book. Don’t Make Me Think! showed me how to put myself in the position of the person who uses my site. After reading it over a couple of hours and putting its ideas to work for the past five years, I can say it has done more to improve my abilities as a Web designer than any other book. In this second edition, Steve Krug adds essential ammunition for those whose bosses, clients, stakeholders, and marketing managers insist on doing the wrong thing. If you design, write, program, own, or manage Web sites, you must read this book.” – Jeffrey Zeldman, author of *Designing with Web Standards* This is the first edition of Charles Darwin’s On the Origin of Species, published on November 24, 1859 in London by John Murray. It is a seminal work in scientific literature and a landmark work in evolutionary biology. It introduced the theory that populations evolve over the course of generations through a process of natural selection. It presented a body of evidence that the diversity of life arose by common descent through a branching pattern of evolution. The starting chapters introduce the theory of natural selection, explaining why certain species thrive, while others decrease in number, how the members of nature are in competition with each other and why organisms tend to vary and change with time. Much of this work is based on experiments and observations seen within domestic animals and plants. The later chapters defend the theory of natural selection against apparent inconsistencies, why geological records are incomplete, why we find species so widespread and how sterility can be inherited when the organisation is unable to reproduce and more. The book is approachable for any audience.

Level C

The Science of Powerful Focus

How to Write Papers That Get Cited and Proposals That Get Funded

Essentials for Health Professionals

Applied Methods and Procedures

Forecasting: principles and practice

Principles of Neurobiology presents the major concepts of neuroscience with an emphasis on how we know what we know. The text is organized around a series of key experiments to illustrate how scientific progress is made and helps upper-level undergraduate and graduate students discover the relevant primary literature. Written by a single author in Nitrogen in the Marine Environment provides information pertinent to the many aspects of the nitrogen cycle. This book presents the advances in ocean productivity research, with emphasis on the role of microbes in nitrogen transformations with excursions to higher trophic levels. Organized into 24 chapters, this book begins with an overview of the abundance and distribution of the various forms of nitrogen in a major of estuaries. This text provides a comparison of the nitrogen cycling of various ecosystems within the marine environment. Other chapters consider chemical distributions and methodology as an aid to those entering the field. This book discusses as well the enzymology of the initial steps of inorganic nitrogen assimilation. The final chapter deals with the philosophy and application of modeling as an investigative method in basic research on nitrogen dynamics in coastal and open-ocean marine environments. This book is a valuable resource for plant biochemists, microbiologists, aquatic ecologists, and bacteriologists.

Forecasting is required in many situations. Stocking an inventory may require forecasts of demand months in advance. Telecommunication routing requires traffic forecasts a few minutes ahead. Whatever the circumstances or time horizons involved, forecasting is an important aid in effective and efficient planning. This textbook provides a comprehensive introduction to forecasting methods and presents enough information about each method for readers to use them sensibly.

*Overhaul your approach to concentration and productivity using strategic, science-proven methods to save hours a day and achieve twice as much. Your current focus and productivity tactics might be “adequate.” But they will never be great or reach their potential if you don’t understand how your psychology and physiology work together to affect your focus. Short circuit your brain into instant focus. The Science of Powerful Focus looks at focus in a revolutionary new way, and sheds light on studies both new and old that lead to the path of massive productivity and conquering of goals. It is a holistic view of how focus can be tackled from every angle of a person’s life. Other books will tell you to simply ditch your phone, stop multi-tasking, and sleep more. Is that really helpful information, or is it just common sense? Here, even the concept of focus is re-defined, and you will learn a plethora of actionable ways to integrate science into your daily life. Clear your mind, sit, and grind. Peter Hollins has studied psychology and peak human performance for over a dozen years and is a bestselling author. He has worked with dozens of individuals to unlock their potential and path towards success. His writing draws on his academic, coaching, and research experience. Defeat distractions and get “into the zone” on command. *Master the foundations of discipline and willpower. *Set goals that inevitable. *The biological basis behind procrastination. *Managing energy, your circadian rhythm, and nature’s schedule. Stop procrastinating and do more in half the time. *How to effectively “singletask.” *How to prime your mental engine. *To-do lists, priority lists, don’t do lists, and all you need to keep you accountable and on track. Master your focus, master your life.*

Principles of Neurobiology

Review of the U.S. Global Change Research Program’s Update to the Strategic Plan Document

A Health Promotion Focus

Decoding the Secrets of the Air Around Us

Science, Technology, Society

Writing Science

The completely revised and expanded Student Workbook offers readers more practice and review opportunities that are tied to the learning goals in Focus on Pharmacology: Essentials for Health Professionals , Third Edition. The Workbook contains many different types of review questions, including multiple-choice, fill-in-the-blank, true/false, and critical-thinking.

How the theoretical tools of literacy help us understand programming in its historical, social and conceptual contexts. The message from educators, the tech community, and even politicians is clear: everyone should learn to code. To emphasize the universality and importance of computer programming, promoters of coding for everyone often invoke the concept of “ literacy,” drawing parallels between reading and writing code and reading and writing text. In this book, Annette Vee examines the coding-as-literacy analogy and argues that it can be an apt rhetorical frame. The theoretical tools of literacy help us understand programming beyond a technical level, and in its historical, social, and conceptual contexts. Viewing programming from the perspective of literacy and literacy from the perspective of programming, she argues, shifts our understandings of both. Computer programming becomes part of an array of communication skills important in everyday life, and literacy, augmented by programming, becomes more capacious. Vee examines the ways that programming is linked with literacy in coding literacy campaigns, considering the ideologies that accompany this coupling, and she looks at how both writing and programming encode and distribute information. She explores historical parallels between writing and programming, using the evolution of mass textual literacy to shed light on the trajectory of code from military and government infrastructure to large-scale business to personal use. Writing and coding were institutionalized, domesticated, and then established as a basis for literacy. Just as societies demonstrated a “ literate mentality ” regardless of the literate status of individuals, Vee argues, a “ computational mentality ” is now emerging even though coding is still a specialized skill.

Experts estimate that as many as 98,000 people die in any given year from medical errors that occur in hospitals. That’s more than die from motor vehicle accidents, breast cancer, or AIDS—three causes that receive far more public attention. Indeed, more people die annually from medication errors than from workplace injuries. Add the financial cost to the human tragedy, and medical error easily rises to the top ranks of urgent, widespread public problems. To Err Is Human breaks the silence that has surrounded medical errors and their consequence—but not by pointing fingers at caring health care professionals who make honest mistakes. After all, to err is human. Instead, this book sets forth a national agenda—with state and local implications—for reducing medical errors and improving patient safety through the design of a safer health system. This volume reveals the often startling statistics of medical error and the disparity between the incidence of error and public perception of it, given many patients’ expectations that the medical profession always performs perfectly. A careful examination is made of how the surrounding forces of legislation, regulation, and market activity influence the quality of care provided by health care organizations and then looks at their handling of medical mistakes. Using a detailed case study, the book reviews the current understanding of why these mistakes happen. A key theme is that legitimate liability concerns discourage reporting of errors—which begs the question, “How can we learn from our mistakes?” Balancing regulatory versus market-based initiatives and public versus private efforts, the Institute of Medicine presents wide-ranging recommendations for improving patient safety, in the areas of leadership, improved data collection and analysis, and development of effective systems at the level of direct patient care. To Err Is Human asserts that the problem is not bad people in health care—it is that good people are working in bad systems that need to be made safer. Comprehensive and straightforward, this book offers a clear prescription for raising the level of patient safety in American health care. It also explains how patient themselves can influence the quality of care that they receive once they check into the hospital. This book will be vitally important to federal, state, and local health policy makers and regulators, health professional licensing officials, hospital administrators, medical educators and students, health caregivers, health journalists, patient advocates—as well as patients themselves. First in a series of publications from the Quality of Health Care in America, a project initiated by the Institute of Medicine

This book provides introductory coverage of growth and development throughout the lifespan. The content emphasizes normal aspects as well as the unique problems and health promotion needs of each age and stage of development. It features a strong health promotion theme structured around Healthy People 2020 objectives. Lifespan coverage from prenatal development to death helps students integrate concepts related to normal changes in each stage of the life cycle. Coverage of current research and trends in health care provide readers with the most up-to-date, accurate information. Health promotion and disease prevention, including Healthy People 2020 objectives, are highlighted throughout the book. Cultural content is highlighted throughout the book and in new Chapter 3, Cultural Considerations in Health Care to encourage students to consider cultural implications at every stage of development. Separate chapter on advanced old age and geriatrics (Chapter 14) discuss the theories, physiological changes, and psychological aspects of aging; health promotion and maintenance; and the role of health care providers in caring for the geriatric patient. All of this helps students understand how to maintain quality of life and promote health in advanced old age. Teaching techniques for every developmental stage are part of a consistent chapter format and provide age-appropriate patient education tips. Consistent chapter organization for each stage of growth and development makes information easy to access. Critical Thinking scenarios and questions appear at the end of each chapter to help students consider all variables when planning care across the lifespan. Student learning features include Objectives, Key Terms, Key Points, and Review Questions. Appendix A includes the FDA’s Recommended Child and Adult Immunization Schedules, providing essential health promotion information. NEW Appendix B provides a Multilingual Glossary of Symptoms to enhance students’ awareness of culturally sensitive care. Glossary includes definitions of Key Terms and additional terms help students review concepts and terminology at a glance. Bibliography is organized by chapter at the end of the book to facilitate additional research and study.

Level 4: Teacher’s Resource Books 1 & 2

Biology 2e

To Err Is Human

Optics and Focus for Camera Assistants

Level 4:

2

"Writing Science is built upon the idea that successful science writing tells a story, and it uses that insight to discuss how to write more effectively. Integrating lessons from other genres of writing and years of experience as author, reviewer, and editor, Joshua Schimel shows scientists and students how to present their research in a way that is clear and that will maximize reader comprehension . . . Writing Science is a much-needed guide to succeeding in modern science. Its insights and strategies will equip science students, scientists, and professionals across a wide range of scientific and technical fields with the tools needed to communicate effectively and successfully in a competitive industry."—Back cover.

This open access book discusses how the involvement of citizens into scientific endeavors is expected to contribute to solve the big challenges of our time, such as climate change and the loss of biodiversity, growing inequalities within and between societies, and the sustainability turn. The field of citizen science has been growing in recent decades. Many different stakeholders from scientists to citizens to policy makers to environmental organizations have been involved in its practice. In addition, many scientists also study citizen science as a research approach and as a way for science and society to interact and collaborate. This book provides a representation of the practices as well as scientific and societal outcomes in different disciplines. It reflects the contribution of citizen science to societal development, education, or innovation and provides and overview of the field of actors as well as on tools and guidelines. It serves as an introduction for anyone who wants to get involved in and learn more about the science of citizen science.

The Science Focus Second Edition is the complete science package for the teaching of the New South Wales Stage 4 and 5 Science Syllabus. The Science Focus Second Edition package retains the identified strengths of the highly successful First Edition and includes a number of new and exciting features, improvements and components.

Fully revised and updated. Provides complete coverage of the Stage 4 and Stage 5 Science Syllabus and addresses all the learning outcomes in the domains of knowledge, understanding and skills. Each chapter of the student book addresses at least one prescribed focus area in detail.

An Essay on the Pain of Playing Video Games

Strategies for Overcoming Distraction, Regaining Focus, and Working Smarter All Day Long

Science Focus 3

ScienceFocus 10

Science Focus

Feline Behavioral Health and Welfare

An exploration of why we play video games despite the fact that we are almost certain to feel unhappy when we fail at them. We may think of video games as being “fun,” but in The Art of Failure, Jesper Juul claims that this is almost entirely mistaken. When we play video games, our facial expressions are rarely those of happiness or bliss. Instead, we frown, grimace, and shout in frustration as we lose, or die, or fail to advance to the next level.

Humans may have a fundamental desire to succeed and feel competent, but game players choose to engage in an activity in which they are nearly certain to fail and feel incompetent. So why do we play video games even though they make us unhappy? Juul examines this paradox. In video games, as in tragic works of art, literature, theater, and cinema, it seems that we fail to experience unpleasantness even if we also dislike it. Reader or audience reaction to tragedy is often explained as catharsis, as a purging of negative emotions. But, Juul points out, this doesn't seem to be the case for video game players. Games do not purge us of unpleasant emotions; they produce them in the first place. What, then, does failure in video game playing do? Juul argues that failure in a game is unique in that when you fall in a game, you (not a character) are in some way inadequate. Yet games also motivate us to play more, in order to escape that inadequacy, and the feeling of escaping failure (often by improving skills) is a central enjoyment of games. Games, writes Juul, are the art of failure: the singular art form that sets us up for failure and allows us to experience it and experiment with it. The Art of Failure is essential reading for anyone interested in video games, whether as entertainment, art, or education.

The thoroughly Revised & Updated 2nd Edition of the ebook 2100+ MCQs with Explanatory Notes For GENERAL SCIENCE' has been divided into 6 chapters which have been further divided into 29 Topics containing 2100+ “Multiple Choice Questions” for Quick Revision and Practice. The Unique Selling Proposition of the book is the explanation to each and every question which provides additional info to the students on the subject of the questions and correct reasoning wherever required. The questions have been selected on the basis of the various types of questions being asked in the various exams.

Learn to manage the physical and psychological well-being of your feline patients with Feline Behavioral Medicine: Prevention and Treatment. From house soiling problems to aggression, this all-new reference offers detailed guidance on assessing, treating, and preventing the full spectrum of feline behavioral problems. Material is organized by both topic and life stage for quick access to the information you need. Plus its incorporation of patient education materials, instructive images, and the latest AAFP guidelines, makes it an invaluable addition to any vet clinician's library. "This book ... will undoubtedly become THE reference in that very specific field." Reviewed by: Fabienne Dethoux on behalf of Royal Canin: Vets Today, January 2016 UNIQUE! Focus on the prevention of behavior problems is found throughout the majority of the book to show clinicians how to incorporate behavioral considerations into general practice. Comprehensive, holistic care fusing the physical and psychological well-being of feline patients serves as a foundation for all content. International team of expert contributors provides in-depth, authoritative guidance using the most up-to-date information available. Updated information on preventive advice and treatment recommendations follows the guidelines set forth by the AAFP. Client handouts and behavior questionnaires in the book help vets clearly communicate with clients about their cat's behavior.

Learn more about the impact of global warming and climate change on human health and disease The Second Edition of Global Climate Change and Human Health delivers an accessible and comprehensive exploration of the rapidly accelerating and increasingly ubiquitous effects of climate change and global warming on human health and disease. The distinguished and accomplished authors discuss the health impacts of the economic, climatological, and geopolitical effects of global warming. You'll learn about: The effect of extreme weather events on public health and the effects of changing meteorological conditions on human health How changes in hydrology impact the spread of waterborne disease and noninfectious waterborne threats Adaptation to, and the mitigation and governance of, climate change, including international perspectives on climate change adaptation Perfect for students of public health, medicine, nursing, and pharmacy, Global Climate Change and Human Health, Second Edition is an invaluable resource for anyone with an interest in the intersection of climate and human health and disease.

Global Climate Change and Human Health

How Computer Programming Is Changing Writing

General Aviation Aircraft Design

Science Focus One

Science Focus Four

Offers practical advice on how to create different types of scientific communications, from research papers and grant proposals to articles, speeches, interviews, and e-mail messages, providing sample writings from a variety of disciplines and including coverage of Internet science and graphics. Simultaneous.

The Update to the Strategic Plan (USP) is a supplement to the Ten-Year Strategic Plan of the U.S. Global Change Research Program (USGCRP) completed in 2012. The Strategic Plan sets out a research program guiding thirteen federal agencies in accord with the Global Change Research Act of 1990. This report reviews whether USGCRP’s efforts to achieve its goals and objectives, as documented in the USP, are adequate and responsive to the Nation’s needs, whether the priorities for continued or increased emphasis are appropriate, and if the written document communicates effectively, all within a context of the history and trajectory of the Program.

The quaternary sciences constitute a dynamic, multidisciplinary field of research that has been growing in scientific and societal importance in recent years. This branch of the Earth sciences links ancient prehistory to modern environments. Quaternary terrestrial sediments contain the fossil remains of existing species of flora and fauna, and their immediate predecessors. Quaternary science plays an integral part in such important issues for modern society as groundwater resources and contamination, sea level change, geologic hazards (earthquakes, volcanic eruptions, and tsunamis), and climate change. This book contains 360 articles and 2,600 pages, many in full-color, the Encyclopedia of Quaternary Science provides broad ranging, up-to-date articles on all of the major topics in the field. Written by a team of leading experts and under the guidance of an international editorial board, the articles are at a level that allows undergraduate students to understand the material, while providing active researchers with the latest information in the field. Also available online via ScienceDirect (2006) – featuring extensive browsing, searching, and internal cross-referencing between articles in the work, plus dynamic linking to journal articles and abstract databases, making navigation flexible and easy. For more information, pricing options and availability visit www.info.sciencedirect.com. 360 individual articles written by prominent international authorities, encompassing all important aspects of quaternary science Each entry provides comprehensive, in-depth treatment of an overview topic and presented in a functional, clear and uniform layout Reference section provides guidance for further research on the topic

Article text supported by full-color photos, drawings, tables, and other visual material Writing level is suited to both the expert and non-expert

A researcher and consultant burrows deep inside the heads of one modern two-career couple to examine how each partner processes the workday—revealing how a more nuanced understanding of the brain can allow us to better organize, prioritize, recall, and sort our daily lives. Emily and Paul are the parents of two young children, and professionals with different careers. Emily is the newly promoted vice president of marketing at a large corporation; Paul works from home or from clients’ offices as an independent IT consultant. Their days are filled with a bewildering blizzard of emails, phone calls, more emails, meetings, projects, proposals, and plans. Just staying ahead of the storm has become a seemingly insurmountable task. In Your Brain at Work, Dr. David Rock goes inside Emily and Paul’s brains to see how they function as each attempts to sort, prioritize, organize, and act on the vast quantities of information they receive in one typical day. Dr. Rock is an expert on how the brain functions in a work setting. By analyzing what is going on in their heads, he offers solutions Emily and Paul (and all of us) can use to survive and thrive in today’s hyperbusy work environment—and still feel energized and accomplished at the end of the day. In Your Brain at Work, Dr. Rock explores issues such as: why our brains feel so taxed, and how to maximize our mental resources why it’s so hard to focus, and how to better manage distractions how to maximize the chance of finding insights to solve seemingly insurmountable problems how to keep your cool in any situation, so that you can make the best decisions possible how to collaborate more effectively with others why providing feedback is so difficult, and how to make it easier how to be more effective at changing other people’s behavior and much more.

The World Book Encyclopedia

The Art of Failure

Caesar’s Last Breath

The Science of Citizen Science

The Structure of Scientific Revolutions

Homework Book

In highlighting the unique features of focus groups, Cyr explains how they can help social science researchers effectively answer certain research questions.

The Science Focus Second Edition is the complete science package for the teaching of the New South Wales Stage 4 and 5 Science Syllabus. The Science Focus Second Edition package retains the identified strengths of the highly successful First Edition and includes a number of new and exciting features, improvements and components. The innovative Teacher Edition with CD allows a teacher to approach the teaching and learning of Science with confidence as it includes pages from the student book with wrap around teacher notes including answers, hints, strategies and teaching and assessment advice.

Find the right answer the first time with this useful handbook of preliminary aircraft design. Written by an engineer with close to 20 years of design experience, General Aviation Aircraft Design: Applied Methods and Procedures provides the practicing engineer with a versatile handbook that serves as the first source for finding answers to realistic aircraft design questions. The book is structured in an “equation/derivation/solved example” format for easy access to content. Readers will find it a valuable guide to topics such as sizing of horizontal and vertical tails to minimize drag, sizing of lifting surfaces to ensure proper dynamic stability, numerical performance methods, and common faults and fixes in aircraft design. In most cases, numerical examples involve actual aircraft specs. Concepts are visually depicted by a number of useful black-and-white figures, photos, and graphs (with full-color images included in the eBook only). Broad and deep in coverage, it is intended for practicing engineers, aerospace engineering students, mathematically astute amateur aircraft designers, and anyone interested in aircraft design.

Organized by articles and structured in an “equation/derivation/solved example” format for easy access to the content you need Numerical examples involve actual aircraft specs Contains high-interest topics not found in other texts, including sizing of horizontal and vertical tails to minimize drag, sizing of lifting surfaces to ensure proper dynamic stability, numerical performance methods, and common faults and fixes in aircraft design Provides a unique safety-oriented design checklist based on industry experience Discusses advantages and disadvantages of using computational tools during the design process Features detailed summaries of design options detailing the pros and cons of each aerodynamic solution Includes three case studies showing applications to business jets, general aviation aircraft, and UAVs Numerous high-quality graphics clearly illustrate the book’s concepts (note: images are full-color in eBook only)

Once camera assistants have learned and practiced the rules of their job, they can then begin to explore and test their limits. Stressing theory as well as hands-on experience, Optics and Focus for Camera Assistants melds technical knowledge and skills with technique and attitude to provide key information on one of the most vital parts of a camera assistant’s job: focus. Assistants will learn how to make themselves invaluable on the set by being able to apply theoretical approaches to problem solving, allowing them to extrapolate from theory to any practical situation, as opposed to following cook-book style solutions. The book also stresses enhanced techniques for greater speed and precision in routine equipment-handling procedures. In addition to covering such important topics as diagnostic optics for use in the field, fundamental and advanced estimating and focus techniques, and depth of field, Optics and Focus for Camera Assistants also offers essential information on how best to be mentally and physically prepared for the job. Fritz Hershey has been a freelance camera assistant for more than 15 years, working principally on commercials. His feature film credits include Year of the Dragon.

Growth and Development Across the Lifespan - E-Book

Coding Literacy

The Chicago Guide to Communicating Science

2, teacher edition

Don’t Make Me Think

Focus Groups for the Social Science Researcher

The Guinness Best Science Book of the Year. The fascinating science and history of the air we breathe. It’s invisible. It’s ever-present. Without it, you would die in minutes. And it has an epic story to tell. In Caesar’s Last Breath, New York Times bestselling author Sam Kean takes us on a journey through the periodic table, around the globe, and across time to tell the story of the air we breathe, which, it turns out, is also the story of earth and our existence on it. With every breath, you literally inhale the history of the world. On the idea of March, 44 BC, Julius Caesar died of stab wounds on the Senate floor, but the story of his last breath is still unfolding: in fact, you’re probably inhaling some of it now. Of the sextillions of molecules entering or leaving your lungs at this moment, some might well bear traces of Cleopatra’s perfumes, German mustard gas, particles exhaled by dinosaurs or emitted by atomic bombs, even remnants of stardust from the universe’s creation. Tracing the origins and ingredients of our atmosphere, Kean reveals how the alchemy of air reshaped our continents, steered human progress, powered revolutions, and continues to influence everything we do. Along the way, we’ll swim with radioactive pigs, witness the most important chemical reactions humans have discovered, and join the crowd at the Moulin Rouge for some of the crudest performance art of all time. Lively, witty, and filled with the astounding science of ordinary life, Caesar’s Last Breath illuminates the science stories swirling around us every second.

An encyclopedia designed especially to meet the needs of elementary, junior high, and senior high school students.

Discusses the best methods of learning, describing how rereading and rote repetition are counterproductive and how such techniques as self-testing, spaced retrieval, and finding additional layers of information in new material can enhance learning.

Focus on Physical Science

Teacher edition

Student Workbook for Focus on Pharmacology

A Common Sense Approach to Web Usability

Your Brain at Work, Revised and Updated

Building a Safer Health System