Percy is incredibly accident-prone, and holds the dubious record of the most accidents. Percy has had a small rivalry with Harold, however, they are always willing to help each other when in trouble. First Published in 2013. Routledge is an imprint of Taylor & Francis, an informa company. Modern experimental developments in condensed matter and ultracold atom physics present formidable challenges to theorists. This book provides a pedagogical introduction to quantum field theory in many-particle physics, emphasizing the applicability of the formalism to concrete problems. This second edition contains two new chapters developing path integral approaches to classical and quantum nonequilibrium phenomena. Other chapters cover a range of topics, from the introduction of many-body techniques and functional integration, to renormalization group methods, the theory of response functions, and topology. Conceptual aspects and formal methodology are emphasized, but the discussion focuses on practical experimental applications drawn largely from condensed matter physics and neighboring fields. Extended and challenging problems with fully worked solutions provide a bridge between formal manipulations and research-oriented thinking. Aimed at elevating graduate students to a level where they can engage in independent research, this book complements graduate level courses on many-particle theory. Save 15% when you buy 15 copies with the Subjects Matter, Second Edition book study bundle. "To help every kid fall in love with at least one field of knowledge, our students must encounter our fields' most galvanizing, tantalizing, and pivotal documents. This book is about making those encounters as compelling as we can make them." -Harvey "Smokey" Daniels and Steven Zemelman We are specialists to the bone-in science, math, social studies, art, music, business, and foreign language. But now, the Common Core and state standards require us to help our students better understand the distinctive texts in our subject areas. "Nobody's making us into reading teachers," write Smokey Daniels and Steve Zemelman, "but we must become teachers of disciplinary thinking through our students' reading." If this shift sounds like a tough one, Subjects Matter, Second Edition is your solution. Smokey and Steve, two of America's most popular educators, share exactly what you need to help students read your nonfiction content closely and strategically: 27 proven teaching strategies that help meet-and exceed-the standards how-to suggestions for engaging kids with content through wide, real-world reading a lively look at using "boring" textbooks motivating instruction that's powered by student collaboration specifics for helping struggling readers succeed. Subjects Matter, Second
Edition enables deep, thoughtful learning for your students, while keeping the irreverent, inspiring heart that’s made the first edition indispensable. You’ll discover fresh and re-energized lessons, completely updated research, and vibrant vignettes from new colleagues and old friends who have as much passion for their subjects as you do. “We’ll be using methods particular to our fields as well as engaging reading materials that help students understand and remember our content better,” write Smokey and Steve. “We can realize that vision of the light going on in kids' heads and maybe fill them with enthusiasm about the amazing subject matter that we have to offer. Sound good? Let’s get to work.” Read a sample chapter from Subjects Matter, Second Edition. A science book for the general reader that is informative enough to be a popular textbook and yet well-written enough to appeal to general readers. “Hazen and Trefil [are] unpretentious—good, down-to-earth, we-can-explain-anything science teachers, the kind you wish you had but never did.“—The New York Times Book Review Knowledge of the basic ideas and principles of science is fundamental to cultural literacy. But most books on science are often too obscure or too specialized to do the general reader much good. Science Matters is a rare exception—a science book that is informative enough for introductory courses in high school and college, and yet lucid enough for readers uncomfortable with scientific jargon and complicated mathematics. And now, revised and expanded, it is up-to-date, so that readers can enjoy Hazen and Trefil's refreshingly accessible explanations of the most recent developments in science, from particle physics to biotechnology. (Women in Business Edition Volume #1 - Edition 2) Every enterprise needs leadership and great leaders are formed through both success and failure. Are you and your organization positioned properly for this new age of leadership? Adam Torres and Claudia Romo Edelman are here to help you move forward. In this latest edition of Mission Matters (Women in Business Edition Volume 1), they feature 18 top female professionals who share their lessons on business and leadership. In these pages, through inspiring stories, you'll discover: Why empathy and EQ is crucial in leadership. How failure paves the way to success. How to find your purpose. How the Decency Quotient (DQ) differentiates. How to turn your passion into your life's purpose. What it means to turn challenges into gifts. What value-based care means for cancer patients. And much more! Adam Torres is the co-founder of Mission Matters Media, a media and publishing company dedicated to the needs of business owners, entrepreneurs, and executives. An international speaker and the author of multiple bestselling books, Adam's advice has been featured in major publications such as Forbes, Inc., and Fox Business. Listen to Adam's popular podcast Mission Matters at MissionMatters.com. Claudia Romo Edelman is a social entrepreneur, an inspiring data-driven speaker, and a determined catalyst for positive change. A recognized speaker, media contributor, and advocate, Claudia is a leader focused on unifying the U.S. Hispanic community and promoting sustainability and purpose-driven activities particularly within brands, tech, and the creative industries. With an extraordinary background with global organizations, including the United Nations, UNICEF, and the World Economic Forum, she has collaborated and worked on humanitarian causes for 25 years with organizations such as (RED), the United Nations High Commissioner for Refugees (UNHCR), and the Global Fund to fight AIDS, tuberculosis, and malaria. Claudia is the Founder of the We Are All Human Foundation, a New York-based non-profit foundation, dedicated to advancing the agenda of equity, diversity, inclusion. Allen's proven ability and flare for presenting complex and oftentimes sensitive topics in nonthreatening ways carry over in the latest edition of Difference Matters. Her down-to-earth analysis of six social identity categories reveals how communication establishes and enacts identity and power dynamics. She provides historical overviews to show how perceptions of gender, race, social class, sexuality, ability, and age have varied throughout time and place. Allen clearly explains pertinent theoretical perspectives and illustrates those and other discussions with real-life experiences (many of which are her own). She also offers practical guidance for how to communicate difference more humanely. While many examples are from organizational contexts, readers from a wide range of backgrounds can
relate to them and appreciate their relevance. This eye-opening, vibrant text, suitable for use in a variety of disciplines, motivates readers to think about valuing difference as a positive, enriching feature of society. Interactive elements such as Spotlights on Media, I.D. Checks, Tool Kits, and Reflection Matters questions awaken interest, awareness, and creative insights for change. Katy Bowman’s Move Your DNA 9781943370108 (2014), which explores the difference between exercise and movement, caused a mini-revolution in health and wellness circles. Since mainstream media caught wind, Bowman’s furniture-free home, movement-based lifestyle, and scientific explanations of why we need to move have become staples in national health publications and online media around the world. But before Bowman became well known, she wrote down her ideas on movement and alignment in a blog called Katy Says. This revised edition of Alignment Matters contains the first five years of her posts, organized to function as a primer to alignment and better movement, and also to Bowman’s more complex books. #1 New York Times Bestseller Legendary venture capitalist John Doerr reveals how the goal-setting system of Objectives and Key Results (OKRs) has helped tech giants from Intel to Google achieve explosive growth—and how it can help any organization thrive. In the fall of 1999, John Doerr met with the founders of a start-up whom he’d just given $12.5 million, the biggest investment of his career. Larry Page and Sergey Brin had amazing technology, entrepreneurial energy, and sky-high ambitions, but no real business plan. For Google to change the world (or even to survive), Page and Brin had to learn how to make tough choices on priorities while keeping their team on track. They'd have to know when to pull the plug on losing propositions, to fail fast. And they needed timely, relevant data to track their progress—to measure what mattered. Doerr taught them about a proven approach to operating excellence: Objectives and Key Results. He had first discovered OKRs in the 1970s as an engineer at Intel, where the legendary Andy Grove (“the greatest manager of his or any era”) drove the best-run company Doerr had ever seen. Later, as a venture capitalist, Doerr shared Grove’s brainchild with more than fifty companies. Wherever the process was faithfully practiced, it worked. In this goal-setting system, objectives define what we seek to achieve; key results are how those top-priority goals will be attained with specific, measurable actions within a set time frame. Everyone’s goals, from entry level to CEO, are transparent to the entire organization. The benefits are profound. OKRs surface an organization’s most important work. They focus effort and foster coordination. They keep employees on track. They link objectives across silos to unify and strengthen the entire company. Along the way, OKRs enhance workplace satisfaction and boost retention. In Measure What Matters, Doerr shares a broad range of first-person, behind-the-scenes case studies, with narrators including Bono and Bill Gates, to demonstrate the focus, agility, and explosive growth that OKRs have spurred at so many great organizations. This book will help a new generation of leaders capture the same magic. Why is music significant in life and education? What shall we teach? How? To whom? Where and when? The praxial philosophy espoused in Music Matters: A Philosophy of Music Education offers an integrated sociocultural, artistic, participatory, and ethics-based concept of the natures and values of musics, education, musicing and listening, community music, musical understanding, musical emotions, creativity, and more. Embodied-enactive concepts of action, perception, and personhood weave through the book’s proposals. Practical principles for curriculum and instruction emerge from the authors’ praxial themes. In this book of stories gleaned from her work as a hospice physician, Dr. Karen Wyatt shares the life lessons and spiritual transformations experienced by her patients and their loved ones at the end-of-life. Through poignant tales of love, forgiveness and surrender she chronicles her own spiritual growth as she learns to cope with grief and transforms the way she lives her life. These lessons from the dying contain timeless wisdom for anyone searching for deeper meaning and purpose in life and form a map for non-religious spiritual growth in contemporary society. Readers will learn a step-by-step path to enlightened living, the secret to transforming
adversity to opportunity, the keys to living fully in each and every moment, and a strategy for overcoming fear and finding unlimited joy within. This 2nd Edition of the highly acclaimed What Really Matters includes a Foreword by Marilyn Schlitz, PhD and additional stories of the transformations experienced by readers of the original text. Compiles a wide range of texts—from fiction, social science, philosophy, and ancient poetry-related to questions that arise for those who are trying to decide what to do with their lives This Comprehensive version of Writing Matters unites research, reasoning, documentation, grammar, and style into a cohesive whole, helping students see the conventions of writing as a network of responsibilities writers have... ... to other writers. Writing Matters emphasizes the responsibility writers share, whether collaborating online in peer review or conducting research with digital and print sources, to treat information fairly and accurately and to craft writing that is unique and original—their own! ... to the audience. Writing Matters emphasizes the need to use conventions appropriate to the readership, to write clearly, and to provide readers with the information and interpretation they need to make sense of a topic. ... to the topic. Writing Matters encourages writers to explore a topic thoroughly and creatively, to assess sources carefully, and to provide reliable information at a depth that does the topic justice. ... to themselves. Writing Matters encourages writers to take their writing seriously and to approach writing tasks as an opportunity to learn about a topic and to expand their scope as writers. Students are more likely to write well when they think of themselves as writers rather than as error-makers. Suresh, Abraham Verghese, Otis Warren, Leana S. Wen, Charlotte Yeh Offers advice on working gracefully and effectively through such confrontational situations as ending relationships and asking for a raise, identifying key adjustments necessary to the dialogue process. Food Matters explores questions about the seemingly simple concept of food: What is the purpose of food: sustenance, pleasure, health? What political, social, and cultural forces affect our food choices? What does it mean to eat ethically? How does our food system contribute to the climate crisis, and how can we make changes in our eating habits and in food production to protect the planet? What problems and possibilities will influence what the future of food? Readings by a range of essayists, scientists, journalists, farmers, activists, and ordinary citizens take up these questions and more. Questions and assignments for each selection provide a range of activities for students. The Bedford Spotlight Reader Series is an exciting line of single-theme readers, each reflecting Bedford’s trademark care and quality. An editorial board of a dozen compositionists at schools with courses focusing on specific themes assists in the development of the series. Each reader collects thoughtfully chosen selections sufficient for an entire writing course—about 35 pieces—to allow instructors to provide carefully developed, high-quality instruction at an affordable price. Bedford Spotlight Readers are designed to help students from all majors make sustained inquiries from multiple perspectives, opening up topics such as gender, happiness, intelligence, language, music, science and technology, subcultures, and sustainability to critical analysis. The readers are flexibly arranged in thematic chapters, with each chapter focusing in depth on a different facet of the central topic. Instructor support at macmillanlearning.com includes sample syllabi and additional teaching resources. The second edition of this popular text has been updated throughout and includes four new chapters on language revitalization, social media and social revolutions, human migration, and the role of NGOs in international development practice. There is no single "cookbook" approach to working effectively with a diverse classroom population—and that’s why this book is so useful. Its practical, research-based approach prepares educators to meet the unique demands of their intercultural interactions armed with knowledge that assures proper, responsive, and ethical intercultural communication. Based on current research and enriched by the individual voices of those with diverse worldviews, the book provides abundant practical, theoretically sound approaches for addressing the needs of those who are marginalized in today’s classroom. Designed to engage readers intellectually and emotionally, this distinctive book will move you
from the realm of understanding (head), through personal valuing (heart), and finally to applying (voice) the information provided. The final book in a comprehensive four-level series for Caribbean students, which provides thorough preparation for lower secondary and CSEC English A examinations. It includes multiple choice questions and regular exam practice, additional practice pages for each Unit and sample exam papers. Everyone agrees that what we do in schools should be based on what we know about how the brain learns. Until recently, however, we have had few clues to unlock the secrets of the brain. Now, research from the neurosciences has greatly improved our understanding of the learning process, and we have a much more solid foundation on which to base educational decisions. In this completely revised and updated second edition, Patricia Wolfe clarifies how we can effectively match teaching practice with brain functioning. Encompassing the most recent and relevant research and knowledge, this edition also includes three entirely new chapters that examine brain development from birth through adolescence and identify the impact of exercise, sleep, nutrition, and technology on the brain. Brain Matters begins with a "mini-textbook" on brain anatomy and physiology, bringing the biology of the brain into context with teaching and learning. Wolfe describes how the brain encodes, manipulates, and stores information, and she proposes implications that recent research has for practice—why meaning is essential for attention, how emotion can enhance or impede learning, and how different types of rehearsal are necessary for different types of learning. Finally, Wolfe introduces and examines practical classroom applications and brain-compatible teaching strategies that take advantage of simulations, projects, problem-based learning, graphic organizers, music, active engagement, and mnemonics. These strategies are accompanied by actual classroom scenarios—spanning the content areas and grade levels from lower elementary to high school—that help teachers connect theory with practice. There are many reasons to be curious about the way people learn, and the past several decades have seen an explosion of research that has important implications for individual learning, schooling, workforce training, and policy. In 2000, How People Learn: Brain, Mind, Experience, and School: Expanded Edition was published and its influence has been wide and deep. The report summarized insights on the nature of learning in school-aged children; described principles for the design of effective learning environments; and provided examples of how that could be implemented in the classroom. Since then, researchers have continued to investigate the nature of learning and have generated new findings related to the neurological processes involved in learning, individual and cultural variability related to learning, and educational technologies. In addition to expanding scientific understanding of the mechanisms of learning and how the brain adapts throughout the lifespan, there have been important discoveries about influences on learning, particularly sociocultural factors and the structure of learning environments. How People Learn II: Learners, Contexts, and Cultures provides a much-needed update incorporating insights gained from this research over the past decade. The book expands on the foundation laid out in the 2000 report and takes an in-depth look at the constellation of influences that affect individual learning. How People Learn II will become an indispensable resource to understand learning throughout the lifespan for educators of students and adults. This book has been replaced by Becoming a Behavioral Science Researcher, Second Edition, ISBN 978-1-4625-3879-9. WHY POLITICS MATTERS: AN INTRODUCTION TO POLITICAL SCIENCE is a full-color, accessible introduction to Political Science. WHY POLITICS MATTERS follows a foundational approach to learning and gives students a big picture of the field, examining Theory, Comparative Politics, including a look at the U.S. government, and International Relations. The authors approach the subject through a theme of theory and practice and emphasize why politics matters to the reader through current, global examples, encouraging critical thinking, discussion, and participation throughout the text. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. Make your school soar by escalating trust between teachers,
students, and families Trust is an essential element in all healthy relationships, and the relationships that exist in your school are no different. How can your school leaders or teachers cultivate trust? How can your institution maintain trust once it is established? These are the questions addressed and answered in Trust Matters: Leadership for Successful Schools, 2nd Edition. The book delves into the helpful research that has been conducted on the topic of trust in school. Although rich with research data, Trust Matters also contains practical advice and strategies ready to be implemented. This second edition expands upon the role of trust between teachers and students, teachers and administrators, and schools and families. Trust Matters: Leadership for Successful Schools also covers a range of sub-topics relevant to trust in school. All chapters in the text have questions for reflection and discussion. Engaging chapters such as "Teachers Trust One Another" and "Fostering Trust with Students" have thought-provoking trust-building questions and activities you can use in the classroom or in faculty meetings. This valuable resource: Examines ways to cultivate trust Shares techniques and practices that help maintain trust Advises leaders of ways to include families in the school's circle of trust Addresses the by-products of betrayed trust and how to restore it With suspicion being the new norm within schools today, Trust Matters is the book your school needs to help it rise above. It shows just how much trust matters in all school relationships—administrator to teacher; teacher to student; school to family—and in all successful institutions. Major mysteries in cosmology solved and Bob Lazar's craft physics explained in the book. — Started by Newton search for the Agent of gravity is over: push from quantum fluctuations is the Agent. To be precise, it is the difference in pushes by quantum fluctuations due to time difference/dilation. — Quantum Fluctuations are Time or Universal Clock (everywhere, outside in space, and inside atoms and particles = canned time). — Matter comes from Time burning (matter = canned time). — Conservation of Energy: Slow time is more energetic than fast time. Time speeds up in the Universe by giving up its energy to Matter. — E=mc²D² is Einsteinian formula adjusted for time dilation D inside matter. — The same physics debunks Dark Science and confirms Bob Lazar's story. Practical outcomes: — We are not alone, and it is not a figment of Bob Lazar's imagination. — Dinosaurs died because the Sun left the Scutum-Centaurus arm of the Milky Way, and such events are periodic. — Time dilation technology not only counters gravity but cuts through / evaporates any material. This technology is ancient, from some archeological dug out, according to what Bob Lazar was told. That should solve the mystery of 70-ton granite beams carved and installed in Egyptian pyramids, once people with brushes step forward. Marine dissolved organic matter (DOM) is a complex mixture of molecules found throughout the world's oceans. It plays a key role in the export, distribution, and sequestration of carbon in the oceanic water column, posited to be a source of atmospheric climate regulation. Biogeochemistry of Marine Dissolved Organic Matter, Second Edition, focuses on the chemical constituents of DOM and its biogeochemical, biological, and ecological significance in the global ocean, and provides a single, unique source for the references, information, and informed judgments of the community of marine biogeochemists. Presented by some of the world's leading scientists, this revised edition reports on the major advances in this area and includes new chapters covering the role of DOM in ancient ocean carbon cycles, the long term stability of marine DOM, the biophysical dynamics of DOM, fluvial DOM qualities and fate, and the Mediterranean Sea. Biogeochemistry of Marine Dissolved Organic Matter, Second Edition, is an extremely useful resource that helps people interested in the largest pool of active carbon on the planet (DOC) get a firm grounding on the general paradigms and many of the relevant references on this topic. Features up-to-date knowledge of DOM, including five new chapters The only published work to synthesize recent research on dissolved organic carbon in the Mediterranean Sea Includes chapters that address inputs from freshwater terrestrial DOM Anti-bias education begins with you! Become a skilled anti-bias teacher with this practical guidance to confronting and eliminating
barriers. Because Teaching Matters provides teachers with a realistic depiction of today's classrooms while highlighting the enormous impact they have on everyday lives. The second edition presents material around a framework of five professional commitments that allows them to make sense of what it means to be a teacher. A new critical-thinking framework helps them manage the content better and retain more of what they learn. Increased coverage of diversity and technology is integrated throughout the chapters. A new chapter has also been added on the history and philosophy of education. This book will help teachers make decisions and take responsibility for the consequences of those choices. Products, technologies, and workplaces change so quickly today that everyone is continually learning. Many of us are also teaching, even when it's not in our job descriptions. Whether it's giving a presentation, writing documentation, or creating a website or blog, we need and want to share our knowledge with other people. But if you've ever fallen asleep over a boring textbook, or fast-forwarded through a tedious e-learning exercise, you know that creating a great learning experience is harder than it seems. In Design For How People Learn, you'll discover how to use the key principles behind learning, memory, and attention to create materials that enable your audience to both gain and retain the knowledge and skills you're sharing. Using accessible visual metaphors and concrete methods and examples, Design For How People Learn will teach you how to leverage the fundamental concepts of instructional design both to improve your own learning and to engage your audience. A guide to help women understand how their bodies work and to take charge of their sexuality, discussing anatomy, body image, trauma, overcoming difficulties, and related topics. Designed for the general science reader, this study explains the nature and properties of the fourth state of matter, known as plasma, the conditions under which it can form and some of the uses to which it might be put. The first edition of Life and Death Matters was a breakthrough text, centralizing the experiences of those on the front lines of environmental crises and forging new paradigms for understanding how crises emerge and how different groups of actors respond to them. This second edition, fully updated with both expanded and new chapters, once again provides a benchmark for the field and opens important pathways for further research. Authors reassess the state of scholarship and grassroots activism in a new century when social and environmental systems are being reconceptualised within post-9/11 security and biosecurity frameworks, when global warming and resource scarcity are not fears but realities, when global power and politics are being realigned, and when ecocide, ethnocide, and genocide are daily tragedies. This bold new edition of Life and Death Matters will be a widely used textbook and essential reading for students, scholars, and policy makers.

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