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Engaging the Online Learner This updated edition includes an innovative framework—the Phases of Engagement—that helps learners become more involved as knowledge generators and cofacilitators of a course. The book also provides specific ideas for tested activities (collected from experienced online instructors across the nation) that can go a long way to improving online learning. Engaging the Online Learner offers the tools

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and information needed to: Convert classroom activities to an online environment Assess the learning that occurs as a result of collaborative activities Phase in activities that promote engagement among online learners Build peer interaction through peer partnerships and team activities Create authentic activities and implement games and simulations Praise for Engaging the Online Learner "The Phases of Engagement framework provides a road map for creating community at each phase of an online course. This book is an invaluable guide to innovative practices for online learning." –Judith V. Boettcher,

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coauthor of The Online Teaching Survival Guide "Engagement is the heart of online learning. The authors have developed an encyclopedia of tried-and-true learner engagement activities that are authentic and ready to use." –Donald P. Ely, professor emeritus, instructional design, development and evaluation in the School of Education, Syracuse University

For use in an introductory circuit analysis or circuit theory course, this text presents circuit analysis in a clear manner, with many practical applications. It demonstrates the principles, carefully explaining each step.

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"This book demonstrates the view that Information and Communication Technologies should not be considered as a neutral teaching medium, but instead be implemented under pedagogical conditions; aiming at the development of critical thinking through their creative integration into the social and cultural context"--

Note: If you are purchasing an electronic version, MyWritingLab does not come automatically packaged with it. To purchase MyWritingLab , please visit www.mywritinglab.com or you can purchase a package of the physical text and MyWritingLab

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by searching for ISBN 10: 0133982750 / ISBN 13: 9780133982756. Students need to learn to write successfully for their college and university courses, but they also want to learn how to transfer their writing skills into their careers. By teaching genres of writing (analyses, reports, proposals, etc.), strategies for writing (narration, comparison, argumentation, etc.), and processes for writing (planning, drafting, revising, etc.), Writing Today provides students with tools they can mix and match as needed to respond effectively to many writing situations both

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in school and beyond. Writing Today offers students the comprehensive and detailed instruction they need using a highly-praised, interactive writing style that reflects the way they read and learn: instruction is succinct; key concepts are immediately defined and reinforced; paragraphs are short and supported by instructional visuals. This interactive presentation helps students ask questions of the text, read it for answers, and access knowledge when they are ready for it, putting students in control of their learning. With the clear and easy-to-read presentation students want, visual

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instruction students prefer, and pedagogical support students need, *Writing Today* is a practical and useful guide to writing for university and beyond.

New Directions for Teaching and Learning,
Number 84

Summary of Two Workshops

Discipline with Dignity, 4th Edition

Creating Effective Blended Language Learning
Courses

Viral Spiral

The Power of Dialogue in Educating Adults
Process and Product

Neuroscience tells us that the products of

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the mind--thought, emotions, artistic creation--are the result of the interactions of the biological brain with our senses and the physical world: in short, that thinking and learning are the products of a biological process. This realization, that learning actually alters the brain by changing the number and strength of synapses, offers a powerful foundation for rethinking teaching practice and one's philosophy of teaching. James Zull invites teachers in higher education or any other setting to

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accompany him in his exploration of what scientists can tell us about the brain and to discover how this knowledge can influence the practice of teaching. He describes the brain in clear non-technical language and an engaging conversational tone, highlighting its functions and parts and how they interact, and always relating them to the real world of the classroom and his own evolution as a teacher. "The Art of Changing the Brain" is grounded in the practicalities and challenges of creating effective opportunities for deep

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and lasting learning, and of dealing with students as unique learners.

The definitive step-by step resource for qualitative and ethnographic research **Qualitative Research Methods: Collecting Evidence, Crafting Analysis, Communicating Impact** is a comprehensive guide on both the theoretical foundations and practical application of qualitative methodology. Adopting a phronetic-iterative approach, this foundational book leads readers through the chronological progression of a qualitative research project, from

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designing a study and collecting and analyzing data to developing theories and effectively communicating the results—allowing readers to employ qualitative methods in their projects as they follow each chapter. Coverage of topics such as qualitative theories, ethics, sampling, interview techniques, qualitative quality, and advice on practical fieldwork provides clear and concise guidance on how to design and conduct sound research projects. Easy-to-follow instructions on iterative

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qualitative data analysis explain how to organize, code, interpret, make claims, and build theory. Throughout, the author offers her own backstage stories about fieldwork, analysis, drafting, writing, and publishing, revealing the emotional and humorous aspects of practicing qualitative methods. Now in its second edition, this thorough and informative text includes new and expanded sections on topics including post-qualitative research, phenomenology, textual analysis and cultural studies, gaining access to

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elite and difficult to access populations, on persuasive writing, novel interviewing approaches, and more. Numerous examples, case studies, activities, and discussion questions have been updated to reflect current research and ensure contemporary relevance. Written in an engaging and accessible narrative style by an acclaimed scholar and researcher in the field Offers new and updated examples of coding and qualitative analysis, full-color photos and illustrations, and a companion instructor website Synthesizes the most up-

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to-date multidisciplinary literature on qualitative research methods including seven main approaches to qualitative inquiry: grounded theory, case study, ethnography, phenomenology, narrative and autoethnography, participatory action research, and arts-based research Presents innovative qualitative data collection methods and modern representation strategies, such as virtual ethnography, photo-voice, and mobile interviewing
Qualitative Research Methods: Collecting Evidence, Crafting Analysis, Communicating

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Impact is an ideal resource for undergraduate and graduate students, instructors, and faculty across multiple disciplines including the social sciences, healthcare, education, management, and the humanities, and for practitioners seeking expert guidance on practical qualitative methods.

A handbook to accompany Robert J. Marzano's "Classroom Management That Works" offers ways to implement the research-based classroom management practices to support higher student

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achievement.

Traces Hitler's life from his childhood in Austria to his final days in Berlin, exploring how his promises of prosperity and power along with anti-Semitic rhetoric allowed him to lead the nation of Germany into World War II.

Master Review and Tutorial for the National Counselor Examination, State Counseling Exams, and the Counselor Preparation Comprehensive Examination
Blended Learning Environments for Adults: Evaluations and Frameworks

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Great Experiments in Psychology

My Own Story

**Promising Practices in Undergraduate
Science, Technology, Engineering, and
Mathematics Education**

Laptops and Literacy

Discipline, Instruction, Motivation

Widely praised for its balanced treatment of computer ethics, *Ethics for the Information Age* offers a modern presentation of the moral controversies surrounding information technology. Topics such as privacy and intellectual property are explored through

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multiple ethical theories, encouraging readers to think critically about these issues and to make their own ethical decisions.

How to Teach So Students Remember ASCD
Affordable education. Transparent science.
Accessible scholarship. These ideals are slowly becoming a reality thanks to the open education, open science, and open access movements. Running separate—if parallel—courses, they all share a philosophy of equity, progress, and justice. This book shares the stories, motives, insights, and practical tips from global leaders in the

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open movement.

"This volume focuses on the challenges the electronic classroom offers to both faculty and students. The authors include many pragmatic suggestions about what to consider in design of technologically supported instruction and also--and perhaps more startling--some serious caveats about how quickly this instructional innovation is spreading. Faculty considering the big first step would be well advised to think seriously about the insights included in this issue"--The series editors.

An Illustrated Life

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How to Teach So Students Remember
Encyclopedia of Counseling
Investigations in High School Science
Tools for Teaching
America's Lab Report

Based on interviews with young women who were kidnapped by Boko Haram, this poignant novel by Adaobi Tricia Nwaubani tells the timely story of one girl who was taken from her home in Nigeria and her harrowing fight for survival. Includes an afterword by award-winning journalist Viviana Mazza. A new pair of shoes, a

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university degree, a husband—these are the things that a girl dreams of in a Nigerian village. And with a government scholarship right around the corner, everyone can see that these dreams aren't too far out of reach. But the girl's dreams turn to nightmares when her village is attacked by Boko Haram, a terrorist group, in the middle of the night. Kidnapped, she is taken with other girls and women into the forest where she is forced to follow her captors' radical beliefs and watch as her best friend slowly accepts everything she's been told. Still,

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the girl defends her existence. As impossible as escape may seem, her life—her future—is hers to fight for. "In this follow-up to What Works in Schools, Robert J. Marzano analyzes research from more than 100 studies on classroom management to discover the answers to these questions and more. He then applies these findings to a series of "Action Steps"-specific strategies that educators can use to: get the classroom management effort off to a good start, establish effective rules and procedures, implement

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appropriate disciplinary interventions, foster productive student-teacher relationships, develop a positive "mental set", help students contribute to a positive learning environment, and activate schoolwide measures for effective classroom management. Marzano and his co-authors Jana S. Marzano and Debra J. Pickering provide real stories of teachers and students in classroom situations to help illustrate how the action steps can be used successfully in different situations. In each chapter, they also review the strengths and

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weaknesses of programs with proven track records."--Cover.

A narrative history of the emergence of electronic "free culture" explains how strict intellectual property rights, hierarchies of credentialed experts, and other forms of centralized control are being challenged and reshaped by the world of digital media, in an account that includes coverage of such figures as hacker Richard Stallman and copyright scholar Lawrence Lessig. 20,000 first printing.

There is a mysterious new student at

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Fitzgerald High, Jake Garret. He seems to have it all figured out. He looks like he just stepped off the cover of the J. Crew catalog, he is the best kicker the football team has ever had, and best of all, he hosts the party to go to every Friday night. All the guys want to be like him and all the girls want to date him, but Jake only has eyes for Didi, the girlfriend of alpha male and quarterback, Todd Buckley . As Jake's friend Rick gets to know him, he at first admires him, then starts to like him, but soon grows to fear for him as he learns Jake's

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dangerous secret. From beloved young adult author Gordon Korman, comes a new look at age-old themes about popularity, acceptance, and human nature.

**Learning to Listen, Learning to Teach
Education for Life and Work
Homesick**

**The Art of Changing the Brain
Drawing Inspiration From The Private
Sketchbooks Of Artists, Illustrators And
Designers**

**Ethics for the Information Age
Advanced Language Practice**

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"Integrating discipline and instruction, K-12"--P. [4] of cover. Updates most of the data from the 2000 report and contains new and more detailed analyses of college enrollment. It also reviews some of the most commonly proffered explanations for the gender gap and suggests questions that campuses should ask about their own student population.

Americans have long recognized that investments in public education contribute to the common good, enhancing national prosperity and supporting stable families, neighborhoods, and communities. Education is even more critical today, in the face of economic, environmental, and social challenges. Today's children can meet future challenges if their schooling and informal learning activities prepare them for adult roles as citizens, employees, managers, parents, volunteers, and

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entrepreneurs. To achieve their full potential as adults, young people need to develop a range of skills and knowledge that facilitate mastery and application of English, mathematics, and other school subjects. At the same time, business and political leaders are increasingly asking schools to develop skills such as problem solving, critical thinking, communication, collaboration, and self-management - often referred to as "21st century skills." Education for Life and Work: Developing Transferable Knowledge and Skills in the 21st Century describes this important set of key skills that increase deeper learning, college and career readiness, student-centered learning, and higher order thinking. These labels include both cognitive and non-cognitive skills- such as critical thinking, problem solving, collaboration, effective communication,

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motivation, persistence, and learning to learn. 21st century skills also include creativity, innovation, and ethics that are important to later success and may be developed in formal or informal learning environments. This report also describes how these skills relate to each other and to more traditional academic skills and content in the key disciplines of reading, mathematics, and science. Education for Life and Work: Developing Transferable Knowledge and Skills in the 21st Century summarizes the findings of the research that investigates the importance of such skills to success in education, work, and other areas of adult responsibility and that demonstrates the importance of developing these skills in K-16 education. In this report, features related to learning these skills are identified, which include teacher professional development,

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curriculum, assessment, after-school and out-of-school programs, and informal learning centers such as exhibits and museums.

Memory is inextricable from learning; there's little sense in teaching students something new if they can't recall it later. Ensuring that the knowledge teachers impart is appropriately stored in the brain and easily retrieved when necessary is a vital component of instruction. In *How to Teach So Students Remember*, author Marilee Sprenger provides you with a proven, research-based, easy-to-follow framework for doing just that. This second edition of Sprenger's celebrated book, updated to include recent research and developments in the fields of memory and teaching, offers seven concrete, actionable steps to help students use what they've learned

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when they need it. Step by step, you will discover how to actively engage your students with new learning; teach students to reflect on new knowledge in a meaningful way; train students to recode new concepts in their own words to clarify understanding; use feedback to ensure that relevant information is binding to necessary neural pathways; incorporate multiple rehearsal strategies to secure new knowledge in both working and long-term memory; design lesson reviews that help students retain information beyond the test; and align instruction, review, and assessment to help students more easily retrieve information. The practical strategies and suggestions in this book, carefully followed and appropriately differentiated, will revolutionize the way you teach and immeasurably improve student achievement. Remember:

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By consciously crafting lessons for maximum "stickiness," we can equip all students to remember what's important when it matters.

Quantum Computation and Quantum Information

Writing Today, Canadian Edition

Buried Beneath the Baobab Tree

Collecting Evidence, Crafting Analysis, Communicating Impact

Discipline-Based Education Research

Research-based Strategies for Every Teacher

A Novel

With more questions and answers than any other edition, the Encyclopedia of Counseling, Fourth Edition, is still the only book you need to pass the

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NCE, CPCE, and other counseling exams. Every chapter has new and updated material and is still written in Dr. Rosenthal's lively, user-friendly style counselors know and love. The book's new and improved coverage incorporates a range of vital topics, including social media, group work in career counseling, private practice and nonprofit work, addictions, neurocounseling, research trends, the DSM-5, the new ACA and NBCC codes of ethics, and much, much more.

This Handbook describes the extent and shape of computing education research today. Over fifty

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leading researchers from academia and industry (including Google and Microsoft) have contributed chapters that together define and expand the evidence base. The foundational chapters set the field in context, articulate expertise from key disciplines, and form a practical guide for new researchers. They address what can be learned empirically, methodologically and theoretically from each area. The topic chapters explore issues that are of current interest, why they matter, and what is already known. They include discussion of motivational context, implications for practice, and

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open questions which might suggest future research. The authors provide an authoritative introduction to the field and is essential reading for policy makers, as well as both new and established researchers. In this revised and updated 4th edition, *Discipline with Dignity* provides in-depth guidance for implementing a proven approach to classroom management that can help students make better choices and teachers be more effective. Emphasizing the importance of mutual respect and self-control, the authors offer specific strategies and techniques for building strong relationships with

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disruptive students and countering the toxic social circumstances that affect many of them, including dysfunctional families, gangs, and poverty.

Educators at all levels can learn * The difference between formal and informal discipline systems and when to use each. * The role of values, rules, and consequences. * How to address the underlying causes of discipline problems that occur both in and out of school. * What teachers can do to defuse or prevent classroom disruptions and disrespectful behavior without removing students from the classroom. * Why traditional approaches such as

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threats, punishments, and rewards are ineffective--and what to do instead. * How to use relevance, teacher enthusiasm, choice, and other elements of curriculum and instruction to motivate students. * How to reduce both teacher and student stress that can trigger power struggles. With dozens of specific examples of student-teacher interactions, *Discipline with Dignity* illustrates what you can do--and not do--to make the classroom a place where students learn and teachers maintain control in a nonconfrontational way. The goal is success for all, in schools that thrive.

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This book, the first to focus exclusively on portfolio assessment, is practical, theoretical, and broad in scope, offering places to start rather than claiming to be definitive. The articles, all by teachers with considerable experience in using portfolio grading, are free of jargon, making sound composition and assessment theory available to every reader, regardless of the level of writing taught.

Peace Like a River

Qualitative Research Methods

Portfolios

Jake, Reinvented

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The Philosophy and Practices that are
Revolutionizing Education and Science
Enriching the Practice of Teaching by Exploring the
Biology of Learning
Worlds of Music: An Introduction to the Music of the
World's Peoples, Shorter Version
Blended language courses, which combine face-to-
face and online instruction, are becoming
increasingly popular due to the need for more
flexible yet effective learning opportunities. This
book recognizes the associated opportunities and
challenges for teachers, and provides the rationale,

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strategies and tools to design blended learning courses or to guide the transition from fully face-to-face or fully online courses to blended instruction. The authors propose a framework based on four phases, Design, Build, Teach and Evaluate, which facilitates a systematic approach to course development. The volume simplifies the connection between theory and practice, by including examples that readers can relate to and immediately implement as they build or teach a course. Including case studies of successful implementations, and effective instructional strategies and techniques, this book is accessible even for teachers without previous

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experience in course design, whilst also acting as a reference for more experienced language educators. In this updated version of her landmark book *Learning to Listen, Learning to Teach*, celebrated adult educator Jane Vella revisits her twelve principles of dialogue education with a new theoretical perspective gleaned from the discipline of quantum physics. Vella sees the path to learning as a holistic, integrated, spiritual, and energetic process. She uses engaging, personal stories of her work in a variety of adult learning settings, in different countries and with different educational purposes, to show readers how to utilize the twelve

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principles in their own practice with any type of adult learner, anywhere.

The accolades speak for themselves:"Fritz draws the readers into scenes from her youth in the turbulent China of the mid-twenties. One comes to appreciate the generous affection of her nurse/companion Lin Nai-Nai, the isolating distance in her mother's grief over losing a second child, the dynamics of a suffering population venting its hostility on foreigners, and most of all, the loneliness of a child's exile from a homeland she has imagined constantly but never seen....A remarkable blend of truth and storytelling." --Booklist, starred review"An insightful

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memory's-eye-view of her childhood...Young Jean is a strong character, and many of her reactions to people and events are timeless and universal."

--School Library Journal, starred review"Told with an abundance of humor--sometimes wry, sometimes mischievous and irreverent--the story is vibrant with atmosphere, personalities, and a palpable sense of place." --The Horn Book"Every now and then a book comes along that makes me want to send a valentine to its author. Homesick is such a book...Pungent and delicious." --Katherine Paterson, The Washington Post

Volumes in Writing Spaces: Readings on Writing

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offer multiple perspectives on a wide-range of topics about writing, much like the model made famous by Wendy Bishop's "The Subject Is . . ." series. In each chapter, authors present their unique views, insights, and strategies for writing by addressing the undergraduate reader directly. Drawing on their own experiences, these teachers-as-writers invite students to join in the larger conversation about developing nearly every aspect of craft of writing. Consequently, each essay functions as a standalone text that can easily complement other selected readings in writing or writing-intensive courses across the disciplines at any level. Topics in Volume

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1 of the series include academic writing, how to interpret writing assignments, motives for writing, rhetorical analysis, revision, invention, writing centers, argumentation, narrative, reflective writing, Wikipedia, patchwriting, collaboration, and genres.

A Handbook for Classroom Management that Works

The Internet and Higher Education

Activities and Resources for Creative Instruction

Evaluations and Frameworks

A Research-Based Guide from Planning to

Evaluation

2006

Teaching Literature to Adolescents

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Numerous teaching, learning, assessment, and institutional innovations in undergraduate science, technology, engineering, and mathematics (STEM) education have emerged in the past decade. Because virtually all of these innovations have been developed independently of one another, their goals and purposes vary widely. Some focus on making science accessible and meaningful to the vast majority of students who will not pursue STEM majors or careers; others aim to increase the diversity of students who enroll and succeed in STEM courses and programs; still other efforts focus on reforming the overall curriculum in specific disciplines. In addition to this variation in focus, these innovations have been implemented at scales that range from individual classrooms to entire departments or

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institutions. By 2008, partly because of this wide variability, it was apparent that little was known about the feasibility of replicating individual innovations or about their potential for broader impact beyond the specific contexts in which they were created. The research base on innovations in undergraduate STEM education was expanding rapidly, but the process of synthesizing that knowledge base had not yet begun. If future investments were to be informed by the past, then the field clearly needed a retrospective look at the ways in which earlier innovations had influenced undergraduate STEM education. To address this need, the National Research Council (NRC) convened two public workshops to examine the impact and effectiveness of selected STEM

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undergraduate education innovations. This volume summarizes the workshops, which addressed such topics as the link between learning goals and evidence; promising practices at the individual faculty and institutional levels; classroom-based promising practices; and professional development for graduate students, new faculty, and veteran faculty. The workshops concluded with a broader examination of the barriers and opportunities associated with systemic change.

The purpose of this book is to increase understanding of the major theories, issues, challenges, and solutions related to online distance education. It balances practical advice with a description of the theoretical and research-based underpinnings for the culturally-responsive

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strategies presented. An important integrating theme is the impact of globalization and internationalization on all aspects of distance education. Consequently, the book examines the implications of global reach and cross-border education and promotes the integration of global learning in academic programs. Addresses the global reach of distance education and associated cultural, linguistic, and accreditation issues Describes the latest online learning technologies, e.g., blogs, wikis, podcasting, mobile learning, virtual worlds, etc. Addresses the culture of higher education and forces that are moving higher education in new directions, e.g., academic capitalism, consumerism, and competition among non-profit, for-profit, and corporate universities

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Find Insight and Inspiration for Your Creative Life An artist's journal is packed with sketches and captions; some rough, some polished. The margins sometimes spill over with hurriedly scrawled shopping lists and phone numbers. The cover may be travel-worn and the pages warped from watercolors. Open the book, and raw creativity seeps from each color and line. The intimacy and freedom on its pages are almost like being inside the artist's mind: You get a direct window into risks, lessons, mistakes, and dreams. The private worlds of these visual journals are exactly what you'll find inside *An Illustrated Life*. This book offers a sneak peak into the wildly creative imaginations of 50 top illustrators, designers and artists. Included are sketchbook pages from R. Crumb, Chris Ware, James Jean, James

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Kochalka, and many others. In addition, author Danny Gregory has interviewed each artist and shares their thoughts on living the artistic life through journaling. Watch artists—through words and images—record the world they see and craft the world as they want it to be. The pages of *An Illustrated Life* are sometimes startling, sometimes endearing, but always inspiring. Whether you're an illustrator, designer, or simply someone searching for inspiration, these pages will open a whole new world to you.

Laboratory experiences as a part of most U.S. high school science curricula have been taken for granted for decades, but they have rarely been carefully examined. What do they contribute to science learning? What can they contribute to

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science learning? What is the current status of labs in our nation's high schools as a context for learning science? This book looks at a range of questions about how laboratory experiences fit into U.S. high schools: What is effective laboratory teaching? What does research tell us about learning in high school science labs? How should student learning in laboratory experiences be assessed? Do all students have access to laboratory experiences? What changes need to be made to improve laboratory experiences for high school students? How can school organization contribute to effective laboratory teaching? With increased attention to the U.S. education system and student outcomes, no part of the high school curriculum should escape scrutiny. This timely book investigates

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factors that influence a high school laboratory experience, looking closely at what currently takes place and what the goals of those experiences are and should be. Science educators, school administrators, policy makers, and parents will all benefit from a better understanding of the need for laboratory experiences to be an integral part of the science curriculum and how that can be accomplished.

Medical Physics and Biomedical Engineering

The Life and Death of Adolf Hitler

Open

Fundamentals of Electric Circuits

How the Commoners Built a Digital Republic of Their Own

Writing Spaces 1

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Principles of Effective Teaching in the Online Classroom
Medical Physics and Biomedical Engineering provides broad coverage appropriate for senior undergraduates and graduates in medical physics and biomedical engineering. Divided into two parts, the first part presents the underlying physics, electronics, anatomy, and physiology and the second part addresses practical applications. The structured approach means that later chapters build and broaden the material introduced in the opening chapters; for example, students can read chapters covering

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the introductory science of an area and then study the practical application of the topic. Coverage includes biomechanics; ionizing and nonionizing radiation and measurements; image formation techniques, processing, and analysis; safety issues; biomedical devices; mathematical and statistical techniques; physiological signals and responses; and respiratory and cardiovascular function and measurement. Where necessary, the authors provide references to the mathematical background and keep detailed derivations to a minimum. They give

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comprehensive references to junior undergraduate texts in physics, electronics, and life sciences in the bibliographies at the end of each chapter.

This shorter version of the best-selling WORLDS OF MUSIC provides much of the authoritative coverage of the comprehensive version in a format that's accessible to students without any background or training in music. Using a case-study approach, the text presents in-depth explorations of music of several cultures from around the world. The authors, all

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ethnomusicologists working in their fields of expertise, base their discussions of music-cultures on their own fieldwork, and give students a true sense of both the music and culture that created it. General editor, Jeff Todd Titon, has written the text's opening chapter that introduces students to ethnomusicology and relates each chapter's music heard on the accompanying CDs to the fundamentals of music in a worldwide context. The text concludes with a chapter that invites students to participate by undertaking a fieldwork research project that

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increases a student's understanding of music in daily life. The supplementary three-CD set works hand in hand with the authors' prose, providing students with access to a wide range of music-cultures and include authentic recordings from the authors' fieldwork. Leading off is the long-standing jewel in the WORLDS OF MUSIC crown -- James Koetting's magnificent recording of postal workers canceling stamps at the University of Ghana post office. A Western-sounding hymn tune performed against African rhythms, this piece, more than any other, lets the

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student hear contrasting music-cultures.

Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Examines laptop use in classrooms and how it influences literacy, discussing reading and writing challenges of the twenty-first century, the history of computer use in schools, research on schools implementing one-on-one computing, and other related topics.

The National Science Foundation funded a synthesis study on the status, contributions, and

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future direction of discipline-based education research (DBER) in physics, biological sciences, geosciences, and chemistry. DBER combines knowledge of teaching and learning with deep knowledge of discipline-specific science content. It describes the discipline-specific difficulties learners face and the specialized intellectual and instructional resources that can facilitate student understanding. Discipline-Based Education Research is based on a 30-month study built on two workshops held in 2008 to explore evidence on promising practices in undergraduate

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science, technology, engineering, and mathematics (STEM) education. This book asks questions that are essential to advancing DBER and broadening its impact on undergraduate science teaching and learning. The book provides empirical research on undergraduate teaching and learning in the sciences, explores the extent to which this research currently influences undergraduate instruction, and identifies the intellectual and material resources required to further develop DBER. Discipline-Based Education Research provides guidance

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for future DBER research. In addition, the findings and recommendations of this report may invite, if not assist, post-secondary institutions to increase interest and research activity in DBER and improve its quality and usefulness across all natural science disciplines, as well as guide instruction and assessment across natural science courses to improve student learning. The book brings greater focus to issues of student attrition in the natural sciences that are related to the quality of instruction. Discipline-Based Education

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Research will be of interest to educators, policy makers, researchers, scholars, decision makers in universities, government agencies, curriculum developers, research sponsors, and education advocacy groups.

Classroom Management that Works

Gender Equity in Higher Education

Readings on Writing

Achieving Global Reach

Developing Transferable Knowledge and Skills in the 21st Century

The Cambridge Handbook of Computing

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Education Research

Learning in the Wireless Classroom

Hailed as one of the year's top five novels by Time, and selected as one of the best books of the year by nearly all major newspapers, national bestseller Peace Like a River captured the hearts of a nation in need of comfort. "A rich mixture of adventure, tragedy, and healing," Peace Like a River is "a collage of legends from sources sacred and profane -- from the

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Old Testament to the Old West, from the Gospels to police dramas" (Ron Charles, The Christian Science Monitor). In "lyrical, openhearted prose" (Michael Glitz, The New York Post), Enger tells the story of eleven-year-old Reuben Land, an asthmatic boy who has reason to believe in miracles. Along with his sister and father, Reuben finds himself on a cross-country search for his outlaw older brother who has been controversially charged with murder.

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Their journey is touched by serendipity and the kindness of strangers, and its remarkable conclusion shows how family, love, and faith can stand up to the most terrifying of enemies, the most tragic of fates. Leif Enger's "miraculous" (Valerie Ryan, The Seattle Times) novel is a "perfect book for an anxious time ... of great literary merit that nonetheless restores readers' faith in the kindness of stories" (Marta Salij, Detroit Free

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Press).

First-ever comprehensive introduction to the major new subject of quantum computing and quantum information. This text for pre-service and in-service English education courses presents current methods of teaching literature to middle and high school students. The methods are based on social-constructivist/socio-cultural theories of literacy learning, and incorporate research on literary

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response conducted by the authors. Teaching Literature to Adolescents - a totally new text that draws on ideas from the best selling textbook, Teaching Literature in the Secondary School, by Beach and Marshall - reflects and builds on recent key developments in theory and practice in the field, including: the importance of providing students with a range of critical lenses for analyzing texts and interrogating the beliefs, attitudes,

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and ideological perspectives encountered in literature; organization of the literature curriculum around topics, themes, or issues; infusion of multicultural literature and emphasis on how writers portray race, class, and gender differences; use of drama as a tool for enhancing understanding of texts; employment of a range of different ways to write about literature; integration of critical analysis of film and media texts with

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the study of literature; blending of quality young adult literature into the curriculum; and attention to students who have difficulty succeeding in literature classes due to reading difficulties, disparities between school and home cultures, attitudes toward school/English, or lack of engagement with assigned texts or response activities. The interactive Web site contains recommended readings, resources, and activities; links to Web

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sites and PowerPoint presentations; and opportunities for readers to contribute teaching units to the Web site databases. Instructors and students in middle and high school English methods courses will appreciate the clear, engaging, useful integration of theory, methods, and pedagogical features offered in this text.

Understanding and Improving Learning in Undergraduate Science and Engineering
How to Build Responsibility,

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Relationships, and Respect in Your
Classroom

With Key ; English Grammar and
Vocabulary

Engaging the Online Learner