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Staff Ride Handbook For The Vicksburg Campaign, December 1862-July 1863 [Illustrated Edition] Dr. Christopher Gabel 2015-11-06 Includes over 30 maps and Illustrations The Staff Ride Handbook for the Vicksburg Campaign, December 1862- July 1863, provides a systematic approach to the analysis of this key Civil War campaign. Part I describes the organization of the Union and Confederate Armies, detailing their weapons, tactics, and logistical, engineer, communications, and medical support. It also includes a description of the U.S. Navy elements that featured so prominently in the campaign. Part II consists of a campaign overview that establishes the context for the individual actions to be studied in the field. Part III consists of a suggested itinerary of sites to visit in order to obtain a concrete view of the campaign in its several phases. For each site, or “stand,” there is a set of travel directions, a discussion of the action that occurred there, and vignettes by participants in the campaign that further explain the action and which also allow the student to sense the human “face of battle.” Part IV provides practical information on conducting a Staff Ride in the Vicksburg area, including sources of assistance and logistical considerations. Appendix A outlines the order of battle for the significant actions in the campaign. Appendix B provides biographical sketches of key participants. Appendix C provides an overview of Medal of Honor conferral in the campaign. An annotated bibliography suggests sources for preliminary study.

Karst Management Philip E. van Beynen 2011-06-21 Focusing specifically on the management of karst environments, this volume draws together the world’s leading karst experts to provide a vital source for the study and management of this unique physical setting. Although karst landscapes cover 12% of the Earth’s terrain and provide 25% of the world’s drinking water, the resource management of karst environments has only previously received indirect attention. Through a comprehensive approach, Karst Management focuses on engineering issues associated with surface karst such as quarries, dams, and agriculture, subsurface topics such as the management of groundwater, show caves, cave biota, and geo-archaeology projects. Chapters that focus on karst as an integrated system look at IUCN World Heritage sites, national parks, policy and regulation, measuring systematic disturbance, information management, and public environmental education. The text incorporates the most up-to-date research from leading karst scientists. This volume provides important perspectives for university students, educators, geoengeiners, resource managers, and planners who are interested in or work with this unique physical landscape.

Iola Leroy Frances E.W. Harper 1990-07-12 First published in 1892, Iola Leroy was probably the best-selling novel by an African-American writer prior to the twentieth century. Frances Harper had already gained an international reputation as a writer, lecturer, and political activist when Iola Leroy–her only novel–appeared, as evident by the sizable audience she enjoyed of men and women, black and white, in the U.S., Canada, and England. Her writings reveal her in-depth knowledge of African-American literature as well as of other literatures, and through this novel we can see the preferences and aesthetic assumptions of her nineteenth-century audience.

Career Potentials in Physical Activity Bryant J. Cratty 1971

Physiological Engineering Aspects of Penicillium Chrysogenum Jens Nielsen 1997 The book gives a review of penicillin production by *Penicillium chrysogenum*, and also deals with a number of general aspects of fungal cultivations, e.g. primary metabolism of filamentous fungi, morphology, monitoring of fungal cultivations, and bioreactor performance (more than 750 references).The first two chapters give an introduction to the area of penicillin production; with a review of the history and a survey of the present status of this industrially very important process in the first chapter. In the second chapter is given an introduction to the microorganism, i.e. its nutritional requirements, its taxonomy, and an overview of different strain development programmes.Chapter 3 gives an introduction to the concept of Physiological Engineering. This is followed by a review of various monitoring techniques and different theoretical techniques for analysis of cultivation processes, e.g. mathematic modeling, metabolic flux analysis, and metabolic control analysis.Chapter 4 and 5 give a review of the metabolism, with the primary metabolism being the topic of Chapter 4 and the secondary metabolism, i.e. penicillin biosynthesis, being the topic of Chapter 5. The review of the penicillin biosynthetic pathway is followed by a description of a number of results obtained using metabolic flux and metabolic control analysis.Chapter 6 is devoted to the morphology of the fungus, and it gives a detailed description of the growth mechanisms of filamentous fungi.Chapter 7 deals with the bioreactor performance during fungal cultivations, i.e. medium rheology, gas-liquid mass transfer, and mixing.Finally is the fed-batch process applied for penicillin production described in Chapter 8. It gives an overview of the most important factors influencing penicillin production.

Myths of Educational Choice Judith Pearson 1993 This volume is a thorough and comprehensive examination of the concerns about educational choice. Judith Pearson identifies errors, omissions, and fallacies in the economic and political theories used to justify choice and raises questions about the potential impacts of choice on both urban and rural public schools and consumers. The range of potential consequences of choice have not been thoroughly examined before implementation–a serious problem because educational choice may undermine the basic principles of public education in a democratic society and increase existing inequities in educational opportunities for many students. The bandwagon for choice is already rolling at great speed, with such high-powered proponents as President George Bush and Secretary of Education Lamar Alexander. The book opens with a skeptical examination of the popular perception of a general crisis in education and the interpretation of test scores upon which this notion is based. Chapter 2 describes the implementation of educational choice in Minnesota and critically examines the thoroughness and objectivity of the program monitoring and evaluation. Chapter 3 describes Minnesota’s K-12 open enrollment program and critically examines the three Working Papers that are the total of the state’s program evaluation. The chapter also explores abuses of the laissez-faire choice program and the impacts of student and dollar transfers on local school districts. In chapters 4 and 5, the author investigates the popular concept that bureaucracy is the cause of problems in education and questions the appropriateness of applying a policy of deregulation to public education. Chapter 7 examines the existing inequities in educational funding and suggests that choice may make a bad situation much worse, particularly in urban schools. In Chapter 8, the author looks at the probable ways that abuses of the competitive market system will adversely affect consumers of education. Chapter 9 addresses the obvious: Where there are winners in a competitive marketplace, there are also losers. Who are they, individually and collectively? Also analyzed are the impacts of choice on educators, school boards, administrators, and teachers. Finally, Pearson challenges the constitutionality of choice through the probable inclusion of public funding for private schools.

*Racism And Antiracism In Real Schools*a Gillborn , David 1995-02-01 * How are 'race' and racism implicated in education policy and practice? * What does effective antiracism look like in practice? * How can teachers and school students be encouraged to think critically about their racialized assumptions and actions? In exploring these questions David Gillborn makes a vital contribution to the debate on 'race' and racism in education. He focuses on racism in the policy, research, theory and practice of education, and includes the first major study of antiracism at the level of whole-school management and classroom practice. The voices of teachers and school students bring the issues to life, and illustrate the daily problems of life in urban schools. This is a fascinating picture of the key matters facing managers, classroom teachers and their students as schools struggle to develop strong and workable approaches to anti-racist education. It is accompanied by a critical review of current debates and controversies concerning 'race', ethnicity and identity. Arguing for a critical return to the concept of 'race', Racism and Antiracism in Real Schools represents an important addition to the literature on the theory and practice of education in a racist society.

Career Academies David Stern 1992-10-12 This book explains the unique design and functioning of the career academy - a vigorous school-within-a-school that focuses on career preparation - and shows how it goes beyond traditional vocational programs to integrate academic and vocational curriculum, raise student ambitions, increase career options, and provide a meaningful learning context for both potential dropouts and college-bound youth. The authors provide education policy makers, administrators, and teachers with step-by-step guidance for setting up career academies. Drawing on their extensive experience in researching, administering, and evaluating career academies over the past decade, the authors offer advice on handling staffing, budgeting, student selection, and parental involvement. They explain how to build effective school-business partnerships by recruiting employers to serve as curriculum advisers, speakers, field trip hosts, and student job supervisors. And they use examples of thriving academy programs to illustrate how career academies are leading the way in bringing rigor and relevance back to the classroom.

Restructuring High Schools for All Students Cheryl M. Jorgensen 1998 This unique resource asserts - and demonstrates - that all students benefit from the social opportunities and academic expectations of high school. Restructuring High Schools for All Students provides numerous strategies that readers can apply in their own schools - concrete information on creating a collaborative environment, rethinking staff roles, and designing an inclusive curriculum. And, using real-life examples, it shows how self-determination, transition planning, and other special education practices can be broadened to work in general education settings.

Elementary and Middle School Mathematics John A. Van de Walle 2010 Elementary and Middle School Mathematics: Teaching Developmentally.

American Military History Volume 1 Army Center of Military History 2016-06-05 American Military History provides the United States Army-in particular, its young officers, NCOs, and cadets-with a comprehensive but brief account of its past. The Center of Military History first published this work in 1956 as a textbook for senior ROTC courses. Since then it has gone through a number of updates and revisions, but the primary intent has remained the same. Support for military history education has always been a principal mission of the Center, and this new edition of an invaluable history furthers that purpose. The history of an active organization tends to expand rapidly as the organization grows larger and more complex. The period since the Vietnam War, at which point the most recent edition ended, has been a significant one for the Army, a busy period of expanding roles and missions and of fundamental organizational changes. In particular, the explosion of missions and deployments since 11 September 2001 has necessitated the creation of additional, open-ended chapters in the story of the U.S. Army in action. This first volume covers the Army’s history from its birth in 1775 to the eve of World War I. By 1917, the United States was already a world power. The Army had sent large expeditionary forces beyond the American hemisphere, and at the beginning of the new century Secretary of War Elihu Root had proposed changes and reforms that within a generation would shape the Army of the future. But world war-global war-was still to come. The second volume of this new edition will take up that story and extend it into the twenty-first century and the early years of the war on terrorism and includes an analysis of the wars in Afghanistan and Iraq up to January 2009.

Vocational Training in the United Kingdom Steve Sharples 1987 This report on vocational training in the United Kingdom (UK) contains a general introduction, eight chapters, and two appendices. Chapter 1 describes the population of the UK, including the labor force, unemployment, and youth employment. Chapter 2 describes the economy of the UK. Chapter 3 describes initial education and training in the UK, including compulsory education, postcompulsory education, higher education, and work-based training programs. Chapter 4 describes adult education and training. The historical development of the UK education and training system is described in Chapter 5. Roles and responsibilities in the UK’s training system are identified in Chapter 6. Chapter 7 describes the financing of training. Chapter 8 provides future perspectives for the UK’s system. Appendix 1 provides a 17-item bibliography. Appendix 2 provides a selected listing of organizations concerned with training. (CML)

American Practical Navigator Nathaniel Bowditch 1931

Survey Research for Public Administration David H. Folz 1996-04-24 With opinion surveys being used increasingly to measure the public response to governmental initiatives, this book that helps clarify the basics of survey research as they apply to public administration will be welcomed. It is organized around the fundamental stages of the research process - planning, design, implementation, analysis and presentation of data. David H Folz presents practical illustrations and does not assume the reader to have an extensive background in statistics. Thorough coverage of the use of computers in data analysis is provided, together with illustrations of SPSS screens.

Practical Introduction to Pumping Technology Uno Wahren 1997-12-26 Front Cover; Practical Introduction to Pumping Technology; Copyright Page; Chapter 1. Parameters; Chapter 2. Pump Calculations; Chapter 3. Required Data for Specifying Pumps; Chapter 4. Pump Types; Chapter 5. Specifications; Chapter 6. Pump Curves; Chapter 7. Effects of Viscosity on Pump Performance; Chapter 8. Vibration; Chapter 9. Net Positive Suction Head (NPSH); Chapter 10. Pump Shaft Sealing; Chapter 11. Pump Bearings; Chapter 12. Metallurgy; Chapter 13. Pump Drivers; Chapter 14. Gears; Chapter 15. Couplings; Chapter 16. Pump Controls; Chapter 17. Instrumentation.

The Influence of Sea Power Upon History, 1660-1783 Alfred Thayer Mahan 1918 Today, war is more complicated than it has ever been. When considering military strategy, a commander must be aware of several theaters of war. There’s ground strength, air power, naval combat and even cyber warfare. In the late 19th century, however, the true military might of a nation rested primarily on the strength of its navy. In 1890, United States Navy Captain Alfred Thayer Mahan published a book titled “The Influence of Sea Power Upon History.” The monumental text addressed the importance of both military and commercial fleets in the success of a nation in war and peacetime. Mahan begins with a discussion of the elements he considers to be the key to a nation’s success on the seas. He theorizes that a ground force could not sustain the pressure of a naval blockade. Mahan then applies his principles to wars of the past. He analyzes the use of

a navy in various engagements and considers the resulting influence on the outcome of the wars. The book was readily accepted by commanders and tacticians all over the world and his principles and theories were utilized throughout the 20th century. His arguments, along with technological advances, were influential in the strengthening of the United States Navy. Presently, Mahan’s work is considered the most important work on naval strategy in history.

Pushing to the Front Orison Swett Marden 1911

The American Pageant Thomas Andrew Bailey 1998 USAs historie indtil 1996

Making Content Comprehensible for English Learners Jana Echevarria 2004 Like no other text on the market, “Making Content Comprehensible” presents an empirically validated model of sheltered instruction. This text contains the Sheltered Instruction Observation Protocol (SIOP) model, which provides school administrators, staff developers, teachers, teacher candidates, university faculty, and field experience supervisors with a tool for “observing and quantifying” a teacher’s implementation of quality sheltered instruction. New to This Edition A new, additional chapter addresses the issue of English learners who are struggling readers and/or students with disabilities by including detailed information about learning disabilities and delayed development in reading (Ch. 10). Revised vignettes present teaching scenarios where three teachers teaching the same grade level and content attempt to include the focal SIOP indicators, with varying degrees of success. Complete lesson descriptors allow readers to score the three teaching scenarios and help readers develop a degree of inter-rater reliability. New pedagogy! Each chapter contains: A graphic organizer that provides an overview of the chapter. “Background Sections” that include descriptions of the 8 sections and 30 indicators of the SIOP to help readers plan and prepare effective sheltered lessons. “Background Discussion Questions” appropriate for portfolio development in pre-service and graduate classes, for professional development workshops, or for reflection. The new, larger trim size facilitates using in the classroom the SIOP long and short versions and the lesson plan forms and rating thevignettes. Includes both the full SIOP and an abbreviated version for the reader’s use. Two different SIOP lesson plan formats that can be used for planning and preparation, depending on your needs. An Appendix contains the results of studies that demonstrate that English learners whose teachers used the SIOP model outperformed similar students whose teachers did not implement the model. “Making Content Comprehensible” is very practical and right on target for strategies in the field of ELLs.”” Professor Gerald McCain, “Southern Oregon University” ““What clearly distinguishes” Making Content Comprehensible “from others in the field is that it provides an easy-to-use, powerful, field-tested protocol for effective lesson planning, delivery and assessment.”” Professor Karen L. Newman, “Indiana University” ““The strength of Making Content Comprehensible is the clear picture it provides of instruction and the teaching scenarios. The discussion of the teaching techniques and evaluation of each of the three teachers provides invaluable examples for the student.”” Professor Judith B. O’Loughlin, “New Jersey City University” Author Bios: Dr. Jana Echevarria is Chair of the Department of Educational Psychology, Administration and Counseling at California State University, Long Beach. Formerly she was a professor of Special Education. Her professional experience includes elementary and secondary teaching in special education, ESL and bilingual programs. She has lived in Taiwan and Mexico where she taught ESL and second language acquisition courses at the university level, as well as in Spain where sheconducted research on instructional programs for immigrant students. After receiving a Masters Degree in Bilingual Special Education from California State University, Long Beach, she received her Ph.D. from UCLA and was one of the recipients of the National Association for Bilingual Education’s Outstanding Dissertations Competition. Her research and publications focus on effective instruction for language minority students, particularly those with learning disabilities. Mary Ellen Vogt is Professor and Director of Graduate Studies in Reading at California State University, Long Beach. Prior to her work at the university, she was a reading specialist at the school and district levels. Dr. Vogt is a past president of the California Reading Association, and served on the Board of Directors of the International Reading Association. She has authored chapters and articles in professional journals and texts, and has co-authored five books including: Portfolios in Teacher Education (1996; International Reading Association), Professional Portfolio Models (1998; Christopher-Gordon), Creativity and Innovation in Content Area Teaching (2000; Christopher-Gordon), and Making Content Comprehensible for English Language Learners: The SIOP Model (2000; Allyn & Bacon). Dr. Vogt is also an author of two K-8 reading series published by Houghton Mifflin: Invitations to Literacy and a Legacy of Literacy. She has been inducted into the California Reading Hall of Fame, and in 1999 she received the Distinguished Faculty Teaching Award from her university. Deborah J. Short directs the Language Education and Academic Development division at the Center for Applied Linguistics in Washington, DC. Sheconducts school-based research on sheltered instruction and on effective programs for English language learners. She helped develop the national ESL standards. Her PhD specialization is bilingual/multicultural education.

The Human Use Of Human Beings Norbert Wiener 1988-03-22 Only a few books stand as landmarks in social and scientific upheaval. Norbert Wiener’s classic is one in that small company. Founder of the science of cybernetics–the study of the relationship between computers and the human nervous system–Wiener was widely misunderstood as one who advocated the automation of human life. As this book reveals, his vision was much more complex and interesting. He hoped that machines would release people from relentless and repetitive drudgery in order to achieve more creative pursuits. At the same time he realized the danger of dehumanizing and displacement. His book examines the implications of cybernetics for education, law, language, science, technology, as he anticipates the enormous impact–in effect, a third industrial revolution–that the computer has had on our lives.

Deviant Logic, Fuzzy Logic Susan Haack 1996-12-15 Introduction, 1996 Note on Notation Deviant Logic Preface and Acknowledgements Ch. 1 'Alternative' In 'Alternative Logic' Ch. 2 Reasons for Deviance Ch. 3 Deviance and the Theory of Truth Ch. 4 Future Contingents Ch. 5 Intuitionism Ch. 6 Vagueness Ch. 7 Singular Terms and Existence Ch. 8 Quantum Mechanics Deduction and Logical Truth The Justification of Deduction Dummett’s Justification of Deduction Analyticity and Logical Truth in The Roots of Reference Fuzzy Logic Do We Need 'Fuzzy Logic'? Is Truth Flat or Bumpy? Supplementary Bibliography of Selected Recent Material Works Cited Index.

Differential Dynamical Systems James D. Meiss 2007-01-01 Differential equations are the basis for models of any physical systems that exhibit smooth change. This book combines much of the material found in a traditional course on ordinary differential equations with an introduction to the more modern theory of dynamical systems. Applications of this theory to physics, biology, chemistry, and engineering are shown through examples in such areas as population modeling, fluid dynamics, electronics, and mechanics.Differential Dynamical Systems begins with coverage of linear systems, including matrix algebra; the focus then shifts to foundational material on nonlinear differential equations, making heavy use of the contraction-mapping theorem. Subsequent chapters deal specifically with dynamical systems conceptsflow, stability, invariant manifolds, the phase plane, bifurcation, chaos, and Hamiltonian dynamics. Throughout the book, the author includes exercises to help students develop an analytical and geometrical understanding of dynamics. Many of the exercises and examples are based on applications and some involve computation; an appendix offers simple codes written in Maple, Mathematica, and MATLAB software to give students practice with computation applied to dynamical systems problems. Audience This textbook is intended for senior undergraduates and first-year graduate students in pure and applied mathematics, engineering, and the physical sciences. Readers should be comfortable with elementary differential equations and linear algebra and should have had exposure to advanced calculus. Contents List of Figures; Preface; Acknowledgments; Chapter 1: Introduction; Chapter 2: Linear Systems; Chapter 3: Existence and Uniqueness; Chapter 4: Dynamical Systems; Chapter 5: Invariant Manifolds; Chapter 6: The Phase Plane; Chapter 7: Chaotic Dynamics; Chapter 8: Bifurcation Theory; Chapter 9: Hamiltonian Dynamics; Appendix: Mathematical Software; Bibliography; Index

Decentralization and School-based Management Daniel J. Brown 1990 The general aim of this book is to provide a focussed discussion on decentralization and school-based management. In part 1, chapter 1, some problems, anticipations, and a recommendation concerning decentralization are presented. In part 2, chapters 2 through 6 review literature about the structural view of organizations, rationality and organizations, and political and organizational decentralization in education as well as a conceptual synthesis of and key questions about decentralization. Chapter 7 of part 3 delineates the methods used in a study about decentralization conducted for this book. The results of that study are analyzed in part 4, chapters 8 through 12, and used to answer questions about the structure of school-based management, how much flexibility of decision-making it provides, its system of accountability, its effect on productivity, and the adoption process. Conclusions drawn from the study are provided in part 5, chapters 13 through 15. An index is provided. (113 references) (EJS)

Manual for Buglers, U.S. Navy United States. Bureau of Naval Personnel 1953

Harper’s Bazaar 1963

Schoolyard-enhanced Learning Herbert W. Broda 2007 Provides theories, practical suggestions, and activities to help encourage teachers to take advantage of the outdoors as an instructional tool.

Optical Signal Processing, Computing, and Neural Networks Frances T. S. Yu 1992-11-19 In recent years, optical computing and optical neural networks research has enriched the field originally known as optical signal processing. Optical Signal Processing, Computing, and Neural Networks is a self-contained textbook that offers an introductory survey which examines photonics, linear and nonlinear signal processing, and numerical, symbolic, and neural computing. This comprehensive sourcebook is a basic text for students who lack an intensive background in optic, electromagnetic, computer, and neural network theories. It will also serve as a working reference for optical physicists and engineers involved in current research and development of modern optical signal processing that includes optical computing and neural networks. The first chapter of this book contains the basic coherent theory and concepts of optical transformation. The second chapter introduces the fundamental concept of optical signal processing and its architectures. The third chapter presents selected applications in coherent optics while the fourth chapter discusses white-light processing and its applications. The advances of spatial-light modulators are discussed as well as hybrid-optical architectures using spatial-light modulators in later chapters. Applications of photorefractive crystals in optical signal processing are presented in chapter 7. Digital-optical computing is described in chapter 8 while optical neural networks and their architectures, designs, and models are thoroughly covered in chapter 9. Examples and experimental results are included throughout the book to emphasize the concepts. Chapters include problem sets, 330 throughout, that reinforce key elements in the text.

Employees' Organizations and Their Contribution to the Development of Vocational Training Policy in the European Community Horst Lemke 1988 This document includes eight chapters and an appendix that lists abbreviations and trade union organizations at the European Community (EC) level. Chapter 1 identifies the roles of employers, employee organizations or trade unions, and system conditions in the development of vocational training policies in the European community. Chapter 2 describes the policies of employees' organizations at the European level. Chapter 3 identifies trade union organizations at the EC level and also branch organizations. Chapter 4 presents basic guidelines for institutional participation and describes the participating institutions. Chapter 5 describes the instruments, such as regulations, directives, decisions, recommendations and options, and promotion of pilot projects and studies, of the EC. Chapter 6 provides four examples of the role of the social partners, employers and trade unions, in EC activities: (1) the European Social Fund; (2) vocational training policy in the EC during the 1980s; (3) harmonization of training; and (4) the role of the social partners in the texts of Council of Europe decisions. Chapter 7 presents developments in the construction, metalworking and electronics, banking and insurance, and agriculture sectors. Chapter 8 summarizes the present role of employees and reflects on how to increase the responsibility and influence of the social partners. (CML)

Responsive Environments Sue McGlynn 2013-05-13 Clearly demonstrates the specific characteristics that make for comprehensible, friendly and controllable places; 'Responsive Environments' - as opposed to the alienating environments often imposed today. By means of sketches and diagrams, it shows how they may be designed in to places or buildings. This is a practical book about architecture and urban design. It is most concerned with the areas of design which most frequently go wrong and impresses the idea that ideals alone are not enough. Ideals must be linked through appropriate design ideas to the fabric of the built environemnt itself. This book is a practical attempt to show how this can be done.

A Common Struggle Patrick Joseph Kennedy 2015 On May 5, 2006, the New York Times ran two stories, 'Patrick Kennedy Crashes Car into Capitol Barrier' and then, several hours later, 'Patrick Kennedy Says He'll Seek Help for Addiction.' It was the first time that the popular Rhode Island congressman had publicly disclosed his addiction to prescription painkillers, the true extent of his struggle with bipolar disorder, and his plan to immediately seek treatment. That could have been the end of his career, but instead it was the beginning. Since then, Kennedy has become a leading advocate for mental health and substance abuse care, research and policy both in and out of Congress. And ever since working to pass the landmark Mental Health Parity and Addiction Equity Act -- and, after the death of his father, leaving Congress -- he has been changing the dialogue that surrounds all brain diseases. A Common Struggle weaves together Kennedy's private and professional narratives, echoing Kennedy's philosophy that for him, the personal is political and the political personal. Focusing on the years from his 'coming out' about suffering from bipolar disorder and addiction to the present day, the book examines Kennedy's journey toward recovery and reflects on Americans' propensity to treat mental illnesses as 'family secrets.' Beyond his own story, though, Kennedy creates a roadmap for

equality in the mental health community, and outlines a bold plan for the future of mental health policy.
American Education and Corporations Deron Boyles 1998 The legendary Greek figure Orpheus was said to have possessed magical powers capable of moving all living and inanimate things through the sound of his lyre and voice. Over time, the Orphic theme has come to indicate the power of music to unsettle, subvert, and ultimately bring down oppressive realities in order to liberate the soul and expand human life without limits. The liberating effect of music has been a particularly important theme in twentieth-century African American literature. The nine original essays in *Black Orpheus* examines the Orphic theme in the fiction of such African American writers as Jean Toomer, Langston Hughes, Claude McKay, James Baldwin, Nathaniel Mackey, Sherley Anne Williams, Ann Petry, Ntozake Shange, Alice Walker, Gayl Jones, and Toni Morrison. The authors discussed in this volume depict music as a mystical, shamanistic, and spiritual power that can miraculously transform the realities of the soul and of the world. Here, the musician uses his or her music as a weapon to shield and protect his or her spirituality. Written by scholars of English, music, women's studies, American studies, cultural theory, and black and Africana studies, the essays in this interdisciplinary collection ultimately explore the thematic, linguistic structural presence of music in twentieth-century African American fiction.

Using Animals in Intramural Research 1999

Rescue Mission Report United States. Joint Chiefs of Staff. Special Operations Review Group 1980

Sweet Land of Liberty Thomas J. Sugrue 2009-10-13 Sweet Land of Liberty is Thomas J. Sugrue's epic account of the abiding quest for racial equality in states from Illinois to New York, and of how the intense northern struggle differed from and was inspired by the fight down South. Sugrue's panoramic view sweeps from the 1920s to the present—more than eighty of the most decisive years in American history. He uncovers the forgotten stories of battles to open up lunch counters, beaches, and movie theaters in the North; the untold history of struggles against Jim Crow schools in northern towns; the dramatic story of racial conflict in northern cities and suburbs; and the long and tangled histories of integration and black power. Filled with unforgettable characters and riveting incidents, and making use of information and accounts both public and private, such as the writings of obscure African American journalists and the records of civil rights and black power groups, *Sweet Land of Liberty* creates an indelible history.

School and Society Walter Feinberg 2004 The new edition has been expanded to include the most important issues in contemporary schooling, including: * A new section that utilizes the lenses of Functionalism, Conflict Theory, and Interpretivism to provide alternative readings of recent federal and state mandates regarding accountability, standards, and hightakes testing. * New references added to the useful Annotated Bibliography. This book tackles such crucial questions as: Do schools socialize students to become productive workers? * Does schooling reproduce social class and pass on ethnic and gender biases? * Can a teacher avoid passing on dominant social and cultural values? * What besides subjects do students really learn in schools?

History of United States Naval Operations James A. Field, Jr. 2001-12-01 Americans think of the Korean War as death and hardship in the bitter hills of Korea. It was certainly this, and for those who fought this is what they generally saw. Yet every foot of the struggles forward, every step of the retreats, the overwhelming victories, the withdrawals and last ditch stands had their seagoing support and overtones. The spectacular ones depended wholly on amphibious power -- the capability of the twentieth century scientific Navy to overwhelm land-bound forces at the point of contact. Yet the all pervading influence of the sea was present even when no major landing or retirement or reinforcement highlighted its effect. When navies clash in gigantic battle or hurl troops ashore under irresistible concentration of ship-borne guns and planes, nations understand that sea power is working. It is not so easy to understand that this tremendous force may effect its will silently, steadily, irresistibly even though no battles occur. No clearer example exists of this truth in wars dark record than in Korea. Communist-controlled North Korea had slight power at sea except for Soviet mines. So beyond this strong underwater phase the United States Navy and allies had little opposition on the water. It is, therefore, easy to fail to recognize the decisive role navies played in this war fought without large naval battles.

Group Theory Predrag Cvitanović 2008-07-21 Chapter 1. Introduction 1 Chapter 2. A preview 5 2.1 Basic concepts 5 2.2 First example: SU(n) 9 2.3 Second example: E6 family 12 Chapter 3. Invariants and reducibility 14 3.1 Preliminaries 14 3.2 Defining space, tensors, reps 18 3.3 Invariants 19 3.4 Invariance groups 22 3.5 Projection operators 24 3.6 Spectral decomposition 25 Chapter 4. Diagrammatic notation 27 4.1 Birdtracks 27 4.2 Clebsch-Gordan coefficients 29 4.3 Zero- and one-dimensional subspaces 32 4.4 Infinitesimal transformations 32 4.5 Lie algebra 36 4.6 Other forms of Lie algebra commutators 38 4.7 Classification of Lie algebras by their primitive invariants 38 4.8 Irrelevancy of clebsches 39 4.9 A brief history of birdtracks 40 Chapter 5. Recouplings 43 5.1 Couplings and recouplings 43 5.2 Wigner 3n-j coefficients 46 5.3 Wigner-Eckart theorem 47 Chapter 6. Permutations 50 6.1 Symmetrization 50 6.2 Antisymmetrization 52 6.3 Levi-Civita tensor 54 6.4 Determinants 56 6.5 Characteristic equations 58 6.6 Fully (anti)symmetric tensors 58 6.7 Identically vanishing tensors 59 Chapter 7. Casimir operators 61 7.1 Casimirs and Lie algebra 62 7.2 Independent casimirs 63 7.3 Adjoint rep casimirs 65 7.4 Casimir operators 66 7.5 Dynkin indices 67 7.6 Quadratic, cubic casimirs 70 7.7 Quartic casimirs 71 7.8 Sundry relations between quartic casimirs 73 7.9 Dynkin labels 76 Chapter 8. Group integrals 78 8.1 Group integrals for arbitrary reps 79 8.2 Characters 81 8.3 Examples of group integrals 82 Chapter 9. Unitary groups 84 P Cvitanović, H. Elvang, and A.D. Kennedy 9.1 Two-index tensors 84 9.2 Three-index tensors 85 9.3 Young tableaux 86 9.4 Young projection operators 92 9.5 Reduction of tensor products 96 9.6 U(n) recoupling relations

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Ready, Set, SCIENCE! National Research Council 2007-11-30 What types of instructional experiences help K-8 students learn science with understanding? What do science educators, teachers, teacher leaders, science specialists, professional development staff, curriculum designers, and school administrators need to know to create and support such experiences? *Ready, Set, Science!* guides the way with an account of the groundbreaking and comprehensive synthesis of research into teaching and learning science in kindergarten through eighth grade. Based on the recently released National Research Council report *Taking Science to School: Learning and Teaching Science in Grades K-8*, this book summarizes a rich body of findings from the learning sciences and builds detailed cases of science educators at work to make the implications of research clear, accessible, and stimulating for a broad range of science educators. *Ready, Set, Science!* is filled with classroom case studies that bring to life the research findings and help readers to replicate success. Most of these stories are based on real classroom experiences that illustrate the complexities that teachers grapple with every day. They show how teachers work to select and design rigorous and engaging instructional tasks, manage classrooms, orchestrate productive discussions with culturally and linguistically diverse groups of students, and help students make their thinking visible using a variety of representational tools. This book will be an essential resource for science education practitioners and contains information that will be extremely useful to everyone -- including parents -- directly or indirectly involved in the teaching of science.

Weapons of Mass Instruction John Taylor Gatto 2010-04-01 The transformation of schooling from a twelve-year jail sentence to freedom to learn. John Taylor Gatto's *Weapons of Mass Instruction*, now available in paperback, focuses on mechanisms of traditional education which cripple imagination, discourage critical thinking, and create a false view of learning as a byproduct of rote-memorization drills. Gatto's earlier book, *Dumbing Us Down*, introduced the now-famous expression of the title into the common vernacular. *Weapons of Mass Instruction* adds another chilling metaphor to the brief against conventional schooling. Gatto demonstrates that the harm school inflicts is rational and deliberate. The real function of pedagogy, he argues, is to render the common population manageable. To that end, young people must be conditioned to rely upon experts, to remain divided from natural alliances and to accept disconnections from their own lived experiences. They must at all costs be discouraged from developing self-reliance and independence. Escaping this trap requires a strategy Gatto calls "open source learning" which imposes no artificial divisions between learning and life. Through this alternative approach our children can avoid being indoctrinated-only then can they achieve self-knowledge, good judgment, and courage.

Sweating the Small Stuff David Whitman 2008 This book tells the story of six secondary schools that have succeeded in eliminating or dramatically shrinking the achievement gap between whites and disadvantaged black and Hispanic students. It recounts the stories of the University Park Campus School (UPCS) in Worcester, the American Indian Public Charter School in Oakland, Amistad Academy in New Haven, the Cristo Rey Jesuit High School in Chicago, the KIPP Academy in the Bronx, and the SEED school in Washington, D.C.