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Decentralization and School-based Management Daniel J. Brown 1990 The aims and origins of decentralization are examined and its effects on school flexibility, accountability, and productivity are explored in some depth. Administrators and others tell their stories. This volume offers an analysis of how school-based management works.

Rubber to Rubber Adhesion Dinesh Kumar Kotnees 2021-08-24 RUBBER TO RUBBER ADHESION Readers will get helpful ideas and in-depth knowledge about various aspects of rubber to rubber adhesion with particular reference to theory and practice. This book covers various aspects of rubber to rubber adhesion which is important theoretically, as well as having practical implications. Rubber is a polymer whose glass transition temperature is well below the room temperature and hence the chains are very mobile at room and higher temperatures, making the material very versatile. Rubber is used in a large number of applications ranging from underground mining to tire to space vehicles. In all these cases, compounded rubbers are used in laminates and joined. The higher the adhesion, the higher will be the joint strength. The principles taught in adhesion science and technology are extensively used to prepare better joints and more useful products. The book serves to satisfy a wide range of disciplines (polymers, materials, chemical, chemistry, mechanical, etc.) and starts with an introduction on rubber, then characterization of rubber, rubber surface and joints and, finally, other chapters on rubber to rubber adhesion. Scientific aspects to understand the technology are highlighted. It gives a comprehensive treatment on adhesion between unvulcanized elastomers, self-healing of elastomers, adhesion between compounded elastomers by co-crosslinking, adhesion between partially vulcanized compounded rubber and partially vulcanized compounded rubber, adhesion between vulcanized rubber and unvulcanized rubber- or partially vulcanized rubber, and adhesion between vulcanized rubber and vulcanized rubber. Audience The book will be used by academicians in polymer science, materials science, chemical and mechanical engineering, chemistry, R & D personnel, industry people, as well as rubber and adhesion practitioners.

Nourished Planet Barilla Center for Food and Nutrition 2018-06-28 Nourished Planet illustrates what our global food system can be - a collection of the smartest ideas to nourish us all. From urban farmers in Kenya to American doctors to government officials in Egypt, its voices demonstrate how diverse perspectives are coming together to feed the world sustainably.--back cover.

Introducing Data Science Davy Cielen 2016-05-02 Summary Introducing Data Science teaches you how to accomplish the fundamental tasks that occupy data scientists. Using the Python language and common Python libraries, you'll experience firsthand [/new/index Php/en/schools/environmental Sciences/2 Uncategorized/271 Science Laboratory Technology](#) upload Dona x Williamson

the challenges of dealing with data at scale and gain a solid foundation in data science. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Many companies need developers with data science skills to work on projects ranging from social media marketing to machine learning. Discovering what you need to learn to begin a career as a data scientist can seem bewildering. This book is designed to help you get started. About the Book Introducing Data Science Introducing Data Science explains vital data science concepts and teaches you how to accomplish the fundamental tasks that occupy data scientists. You'll explore data visualization, graph databases, the use of NoSQL, and the data science process. You'll use the Python language and common Python libraries as you experience firsthand the challenges of dealing with data at scale. Discover how Python allows you to gain insights from data sets so big that they need to be stored on multiple machines, or from data moving so quickly that no single machine can handle it. This book gives you hands-on experience with the most popular Python data science libraries, Scikit-learn and StatsModels. After reading this book, you'll have the solid foundation you need to start a career in data science. What's Inside Handling large data Introduction to machine learning Using Python to work with data Writing data science algorithms About the Reader This book assumes you're comfortable reading code in Python or a similar language, such as C, Ruby, or JavaScript. No prior experience with data science is required. About the Authors Davy Cielen, Arno D. B. Meysman, and Mohamed Ali are the founders and managing partners of Optimately and Maiton, where they focus on developing data science projects and solutions in various sectors. Table of Contents Data science in a big data world The data science process Machine learning Handling large data on a single computer First steps in big data Join the NoSQL movement The rise of graph databases Text mining and text analytics Data visualization to the end user [Department of Defense Dictionary of Military and Associated Terms](#) 1973 **China's Belt and Road** Jennifer Hillman 2021-03-23 China's massive, globe-spanning Belt and Road Initiative (BRI) seeks to build everything from railways, ports, and power plants to telecommunications infrastructure and fiber-optic cables. Chinese President Xi Jinping's signature foreign policy endeavor, BRI has the potential to meet developing countries' needs and spur economic growth, but its implementation creates risks that outweigh its benefits. Unless the United States offers an effective alternative, China could reorient global trade networks, set technical standards that would disadvantage non-Chinese companies, lock countries into carbon-intensive power generation, increase its political influence over countries, and acquire power projection capabilities for its military. The COVID-19 pandemic has made a U.S. response more urgent as the global economic

contraction has accelerated the reckoning with BRI-related debt. China's Belt and Road: Implications for the United States proposes that the United States respond to BRI by putting forward an affirmative agenda of its own, drawing on its strengths and coordinating with allies and partners to promote sustainable, secure, and green development.

Green Toxicology Alexandra Maertens 2022-02-16 Green toxicology is an integral part of green chemistry. One of the key goals of green chemistry is to design less toxic chemicals. Therefore, an understanding of toxicology and hazard assessment is important for any chemist working in green chemistry, but toxicology is rarely part of most chemists' education. As a consequence, chemists lack the toxicological lens necessary to view chemicals in order to design safer substitutions. This book seeks to fill that gap and demonstrate how a basic understanding of toxicology, as well as the tools of *in silico* and *in vitro* toxicology, can be an integral part of green chemistry. R&D chemists, product stewards, and toxicologists who work in the field of sustainability, can all benefit from integrating green toxicology principles into their work. Topics include *in silico* tools for hazard assessment, toxicity testing, and lifecycle considerations, this book aims to act as a bridge between green toxicologists and green chemists.

ASSESSMENT AND CONTROL OF BIOLOGICAL INVASION RISKS Fumito Koike 2006 Biological invasion, an issue of growing importance due to the significant increase in international transportation and trade, can disturb the balance of local ecosystems and even destroy them. This collection of papers presented at the International Conference on Assessment and Control of Biological Invasion Risks held in August 2004 at Yokohama National University discusses risk assessment, risk management and eradication. It also includes contributions reporting on the current status of invasion and the properties of alien species in East Asia.

Using Moodle Jason Cole 2008 Developed by an extremely active open source community, Moodle is a sophisticated web-based course management system that's ideal for teaching remote online classes or as a way to supplement face-to-face learning. For anyone who is using-or thinking of using-this CMS, 'Using Moodle' is required reading.

Environmental Policy Thomas Walker 2020-09-08 "Global environmental challenges have caused a range of policy solutions, approaches, and models to emerge. As these challenges are expected to intensify in the near future, environmental policy and its instruments are increasingly becoming a topic of discussion, action, and disagreement in academic, professional, and mass media outlets. This fixation on the topic of policy is well-justified considering the consequences policy can have on all levels of society - global, national, sectoral, organizational, and even personal. Policy has a vital role in reducing environmental damage, incentivizing positive environmental behavior, and guiding practice toward a more sustainable future. While most policies have economic repercussions, environmental policies, and specifically new environmental policy instruments, have exhibited a special and complex relation to the economy. The environment can thus be considered an envelope encompassing and sustaining the economic system - much more than just a factor of production"--

Towards Interoperable Research Infrastructures for Environmental and Earth Sciences Zhiming Zhao 2020-07-25 This open access book summarises the latest developments on data management in the EU H2020 ENVRIplus project, which brought together more than 20 environmental and Earth science research infrastructures into a single community. It provides readers with a systematic overview of the common challenges faced by research infrastructures and how a 'reference model guided' engineering approach can be used to achieve greater interoperability among such infrastructures in the environmental and earth sciences. The 20 contributions in this book are structured in 5 parts on the design, development, deployment, operation and use of research infrastructures. Part one provides an overview of the state of the art of research infrastructure and relevant e-Infrastructure technologies, part two discusses the reference model guided engineering approach, the third part presents the software and tools developed for common data management challenges, the fourth part demonstrates the software via several use cases, and the last part discusses the sustainability and future directions.

Ecosystem-Based Disaster and Climate Resilience Mahua Mukherjee 2021-09-05 This book provides an introduction to the critical role of ecosystem-based disaster risk resilience (Eco-DRR) for building community resilience to multiple environmental risks such as rising heat, water stress, and pollution. Blue-green infrastructure (BGI) is an Eco-DRR tool that is an under-explored paradigm and can respond as one common strategy to targets set by the Sustainable Development Goals (UNDP), Climate Agreements (UNEP), the Sendai Framework (UNISDR), and the New Urban Agenda (UNCHS). Highlighted here in a systematic way is the importance of blue-green infrastructures in resilience building. The purpose is to introduce readers to the challenging context of development and opportunity creation for Eco-DRR. The roles of policy, scientific research, and implementation are presented cohesively. An attractive proposition of the book is a collection of case studies from different parts of the world where integration of BGI is experimented with at various levels of success. It envisages that shared tacit experiences from the realm of practice will further strengthen explicit knowledge. The focus in this book is on need and context building, policy and science (investigation, analysis, and design), case studies, and a road map for the future in four successive parts. Each part is self-sufficient yet linked to its predecessor, successor, or both, as the case may be.

An Introduction to Counselling John McLeod 1998 This text is written in a clear, accessible style, covering all the core approaches to counselling. This second edition includes new chapters on systemic, feminist, narrative and multiculturalist approaches to counselling.

Computational Toxicology Sean Ekins 2007-06-30 A comprehensive analysis of state-of-the-art molecular modeling approaches and strategies applied to risk assessment for pharmaceutical and environmental chemicals This unique volume describes how the interaction of molecules with toxicologically relevant targets can be predicted using computer-based tools utilizing X-ray crystal structures or homology, receptor, pharmacophore, and quantitative structure activity relationship (QSAR) models of human proteins. It covers the *in vitro* models used, newer technologies, and regulatory aspects. The book offers a complete systems perspective to risk assessment prediction, discussing experimental and computational approaches in detail, with: * An introduction to toxicology methods and an explanation of computational methods * In-depth reviews of QSAR methods applied to enzymes, transporters, nuclear receptors, and ion channels * Sections on applying computers to toxicology assessment in the pharmaceutical industry and in the environmental arena * Chapters written by leading international experts * Figures that illustrate computational models and references for further information This is a key resource for toxicologists and scientists in the pharmaceutical industry and environmental sciences as well as researchers involved in ADMET, drug discovery, and technology and software development.

Transmedia Storytelling and the New Era of Media Convergence in Higher Education Stavroula Kalogeras 2014-06-25 Stories, whether they are fact or fiction, popular or not, are a proven method of pedagogy. In the age of media convergence and with the advancement of technology, stories have morphed into new forms; however, their core purpose remains the same, which is to pass on knowledge and information. The internet, with its inherent interactivity, and story, with its inherent capacity to engage, can lead to innovative and transformative learning experiences in

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media-rich environments. This book focuses on web-based Transmedia Storytelling Edutainment (TmSE) as an andragogical practice in higher education. Story is at the forefront of this investigation because narrative is the basis for developing entertainment media franchise that can be incorporated into pedagogical practice. The propulsion of this analysis consists of practice-based research through narrative inquiry and an e-module case study presented on multimedia storytelling in the classroom. A Transmedia Storytelling Framework is provided for creating screenplays for cross-media projects and for analyzing their appropriateness in education. Additionally, a hypertext screenplay, which allowed students to dig deeper into the story word and to build more knowledge, is evaluated for its use in higher education. Since screenplays are by nature writing for the screen, it is believed that the more visual the input, the more likely it is to be memorized and recalled. A link to The Goddess Within screenplay is available for download on the right hand side of this page.

Modeling Creativity Tom De Smedt 2013-02-01 Modeling Creativity (doctoral thesis, 2013) explores how creativity can be represented using computational approaches. Our aim is to construct computer models that exhibit creativity in an artistic context, that is, that are capable of generating or evaluating an artwork (visual or linguistic), an interesting new idea, a subjective opinion. The research was conducted in 2008–2012 at the Computational Linguistics Research Group (CLiPS, University of Antwerp) under the supervision of Prof. Walter Daelemans. Prior research was also conducted at the Experimental Media Research Group (EMRG, St. Lucas University College of Art & Design Antwerp) under the supervision of Lucas Nijs. Modeling Creativity examines creativity in a number of different perspectives: from its origins in nature, which is essentially blind, to humans and machines, and from generating creative ideas to evaluating and learning their novelty and usefulness. We will use a hands-on approach with case studies and examples in the Python programming language.

The Full Cost of Poor Housing Mike Roys 2016 This report updates estimates of the cost to the NHS of living in poor housing. It builds on data published in 2010, which have been revised to reflect new knowledge and information that has since become available.

Global Value Chains in a Changing World Deborah Kay Elms 2013 A collection of papers by some of the world's leading specialists on global value chains (GVCs). It examines how GVCs have evolved and the challenges they face in a rapidly changing world. The approach is multi-disciplinary, with contributions from economists, political scientists, supply chain management specialists, practitioners and policy-makers. Co-published with the Fung Global Institute and the Temasek

Structural Transformation in South Africa Antonio Andreoni 2021 Taking South Africa as an important case study of the challenges of structural transformation, the book offers a new micro-meso level framework and evidence linking country-specific and global dynamics of change, with a focus on the current challenges and opportunities faced by middle-income countries.

Biotechnology and Innovation Systems Bo Göransson 2011-01-01 This book explores how policies targeting public research institutions, such as universities, contribute to the appropriation of biotechnology through national innovation systems. Around the world, biotechnology has become a driving force for dramatic change in systems and policies intended to spur innovation. The leading contributors expertly construct a detailed picture of policy approaches that support biotechnology and how such approaches work under different economic and social conditions. They also provide an insight into the role of universities in this process. Researchers, academics, students, policy advisors, decision-makers and other professionals involved, and working in, the fields of biotechnology, innovation systems, higher education and development will find this book an invaluable resource.

Learning at the Crossroads of Theory and Practice Piet Van den Bossche 2012-03-19 Core concepts in education are changing. For example, professional performance or expertise is not uniquely the fruit of specialist knowledge acquired at professional schools, but the sum of influences exerted by a complex web of continuous learning opportunities for which an individual is well (or ill) prepared by their schools and their workplace. The key contributory factors to professional expertise are how professional schools connect to professional practice, how schools prepare graduates for continuous learning, and how the workplace endorses continuous development. Thus, the question this volume addresses—how to design learning and working environments that facilitate the integration of these three elements—is at the heart of contemporary pedagogical theory. The authors also ask a second vital question: how do we educate learners that go on to maximize their life's learning opportunities by regulating their own ongoing learning? Learning at the Crossroads of Theory and Practice argues that with the theory of learning at a crossroads, this is an unprecedented opportunity for learning about learning. The book sheds light on different elements of this challenge: integrating theory and practice in business education, generating and fully exploiting workplace learning opportunities, and enriching our classrooms by coupling theoretical knowledge with the richness of real-life experience.

Expanding Opportunities and Building Competencies for Young People 2005-01-01 Annotation The report articulates the key issues facing secondary education and presents a policy framework for decision makers in developing countries to transform their secondary education systems so as to meet the twin challenges of 'expanding access' and 'improving quality and relevance'.

Debt and Entanglements Between the Wars Mr.Thomas J Sargent 2019-11-08 World War I created a set of forces that affected the political arrangements and economies of all the countries involved. This period in global economic history between World War I and II offers rich material for studying international monetary and sovereign debt policies. Debt and Entanglements between the Wars focuses on the experiences of the United States, United Kingdom, four countries in the British Commonwealth (Australia, New Zealand, Canada, Newfoundland), France, Italy, Germany, and Japan, offering unique insights into how political and economic interests influenced alliances, defaults, and the unwinding of debts. The narratives presented show how the absence of effective international collaboration and resolution mechanisms inflicted damage on the global economy, with disastrous consequences.

The Handbook on Innovations in Learning Marilyn Murphy 2014-03-01 An innovation in learning improves upon the implementation of the standard practice or introduces a new practice, thus achieving greater learning outcomes. The Handbook on Innovations in Learning, developed by the Center on Innovations in Learning, presents commissioned chapters describing current best practices of instruction before embarking on descriptions of selected innovative practices which promise better methods of engaging and teaching students. Written by a diverse and talented field of experts, chapters in the Handbook seek to facilitate the adoption of the innovative practices they describe by suggesting implementation policies and procedures to leaders of state and local education agencies.

Territorial tools for agro-industry development Food and Agriculture Organization of the United Nations 2018-08-09 This sourcebook appraises these instruments and considers their nature and objectives, their potential benefits and challenges and the approaches used to implement them. It also examines the practices that have led to both successful and unsuccessful outcomes. The publication provides a comprehensive review of the potential of these tools to enhance value addition, deliver jobs, increase exports and provide markets for new and existing producers

in the targeted territories. It notes, however, that implementation of these tools poses a number of challenges. For example, planners and practitioners sometimes use them interchangeably, thus ignoring the specificities of the investments, policies and processes required, and their expected outcomes. The sourcebook concludes that these tools have potential for catalytic impact, but planners need to make sound choices that respect demonstrated principles and follow good practices for effective design and implementation.

Optimizing DB2 Queries with IBM DB2 Analytics Accelerator for z/OS Paolo Bruni 2012-12-20 The IBM® DB2® Analytics Accelerator Version 2.1 for IBM z/OS® (also called DB2 Analytics Accelerator or Query Accelerator in this book and in DB2 for z/OS documentation) is a marriage of the IBM System z® Quality of Service and Netezza® technology to accelerate complex queries in a DB2 for z/OS highly secure and available environment. Superior performance and scalability with rapid appliance deployment provide an ideal solution for complex analysis. This IBM Redbooks® publication provides technical decision-makers with a broad understanding of the IBM DB2 Analytics Accelerator architecture and its exploitation by documenting the steps for the installation of this solution in an existing DB2 10 for z/OS environment. In this book we define a business analytics scenario, evaluate the potential benefits of the DB2 Analytics Accelerator appliance, describe the installation and integration steps with the DB2 environment, evaluate performance, and show the advantages to existing business intelligence processes.

Foundations of Library and Information Science Richard Rubin 2004 The information infrastructure: libraries in context -- Information science: a service perspective -- Redefining the library: the impacts and implications of technological change -- Information policy: stakeholders and agendas -- Information policy as library policy: intellectual freedom -- Information organization: issues and techniques -- From past to present: the library's mission and its values -- Ethics and standards: professional practices in library and information science -- The library as institution: an organizational view -- Librarianship: an evolving profession -- Appendices.

Water Societies and Technologies from the Past and Present Mark Altaweel 2018-11-26 Today our societies face great challenges with water, in terms of both quantity and quality, but many of these challenges have already existed in the past. Focusing on Asia, Water Societies and Technologies from the Past and Present seeks to highlight the issues that emerge or re-emerge across different societies and periods, and asks what they can tell us about water sustainability. Incorporating cutting-edge research and pioneering field surveys on past and present water management practices, the interdisciplinary contributors together identify how societies managed water resource challenges and utilised water in ways that allowed them to evolve, persist, or drastically alter their environment. The case studies, from different periods, ancient and modern, and from different regions, including Egypt, Sri Lanka, Cambodia, Southwest United States, the Indus Basin, the Yangtze River, the Mesopotamian floodplain, the early Islamic city of Sultan Kala in Turkmenistan, and ancient Korea, offer crucial empirical data to readers interested in comparing the dynamics of water management practices across time and space, and to those who wish to understand water-related issues through conceptual and quantitative models of water use. The case studies also challenge classical theories on water management and social evolution, examine and establish the deep historical roots and ecological foundations of water sustainability issues, and contribute new grounds for innovations in sustainable urban planning and ecological resilience.

Transforming Education. Empowering the Students of Today to Create the World of Tomorrow Dof Dickinson 2018-05-18 This guide provides an inspiration and a vision for school leaders. It draws on two decades of global research, data, and experiences, taking an unflinching look at what works, and what doesn't in learning transformation. The result is a short-cut to success. Key concepts, red flags, and powerful questions designed to support transformation at systemic and school level. With insights from thought leaders to align school stakeholders with modern educational thinking. You'll also find practical help in the form of roadmaps and checklists, as well as recommendations on using technology to teach the future-ready skills that are so vital to today's young people and the success of nations in a global economy. Every school leader should take time to look through this book before attempting transformational change. It is startling, uncomfortable at times, but it rewards you with a solid foundation on which to move forward.

The Construction Chart Book CPWR--The Center for Construction Research and Training 2008 The Construction Chart Book presents the most complete data available on all facets of the U.S. construction industry: economic, demographic, employment/income, education/training, and safety and health issues. The book presents this information in a series of 50 topics, each with a description of the subject matter and corresponding charts and graphs. The contents of The Construction Chart Book are relevant to owners, contractors, unions, workers, and other organizations affiliated with the construction industry, such as health providers and workers compensation insurance companies, as well as researchers, economists, trainers, safety and health professionals, and industry observers.

Co-Creativity and Engaged Scholarship Alex Franklin 2022-01-02 This open access book explores creative and collaborative forms of research praxis within the social sustainability sciences. The term co-creativity is used in reference to both individual methods and overarching research approaches. Supported by a series of in-depth examples, the edited collection critically reviews the potential of co-creative research praxis to nurture just and transformative processes of change. Included amongst the individual chapters are first-hand accounts of such as: militant research strategies and guerrilla narrative, decolonial participative approaches, appreciative inquiry and care-ethics, deep-mapping, photo-voice, community-arts, digital participatory mapping, creative workshops and living labs. The collection considers how, through socially inclusive forms of action and reflection, such co-creative methods can be used to stimulate alternative understandings of why and how things are, and how they could be. It provides illustrations of (and problematizes) the use of co-creative methods as overtly disruptive interventions in their own right, and as a means of enriching the transformative potential of transdisciplinary and more traditional forms of social science research inquiry. The positionality of the researcher, together with the emotional and embodied dimensions of engaged scholarship, are threads which run throughout the book. So too does the question of how to communicate sustainability science research in a meaningful way.

The Leadership Challenge James M. Kouzes 2017-04-17 The most trusted source of leadership wisdom, updated to address today's realities The Leadership Challenge is the gold-standard manual for effective leadership, grounded in research and written by the premier authorities in the field. With deep insight into the complex interpersonal dynamics of the workplace, this book positions leadership both as a skill to be learned, and as a relationship that must be nurtured to reach its full potential. This new seventh edition has been revised to address current challenges, and includes more international examples and a laser focus on business issues; you'll learn how extraordinary leaders accomplish extraordinary things, and how to develop your leadership skills and style to deliver quality results every time. Engaging stories delve into the fundamental roles that great leaders fulfill, and simple frameworks provide a primer for those who seek continuous improvement; by internalizing key insights and putting concepts into

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action, you'll become a more effective, more impactful leader. A good leader gets things done; a great leader aspires, inspires, and achieves more. This book highlights the differences between good and great, and shows you how to bridge the chasm between getting things done and making things happen. Gain deep insight into leadership's critical role in organizational health Navigate the shift toward team-oriented work relationships Motivate and inspire to break through the pervasive new cynicism Leverage the electronic global village to deliver better results Business is evolving at an increasingly rapid rate, and leaders must keep pace with the changes or risk stagnation. People work differently, are motivated differently, and have different expectations today--business as usual is quickly losing its effectiveness. The Leadership Challenge helps you stay current, relevant, and effective in the modern workplace.

What's In, What's Out Amanda Glassman 2017-10-10 Vaccinate children against deadly pneumococcal disease, or pay for cardiac patients to undergo lifesaving surgery? Cover the costs of dialysis for kidney patients, or channel the money toward preventing the conditions that lead to renal failure in the first place? Policymakers dealing with the realities of limited health care budgets face tough decisions like these regularly. And for many individuals, their personal health care choices are equally stark: paying for medical treatment could push them into poverty. Many low- and middle-income countries now aspire to universal health coverage, where governments ensure that all people have access to the quality health services they need without risk of impoverishment. But for universal health coverage to become reality, the health services offered must be consistent with the funds available--and this implies tough everyday choices for policymakers that could be the difference between life and death for those affected by any given condition or disease. The situation is particularly acute in low- and middle-income countries where public spending on health is on the rise but still extremely low, and where demand for expanded services is growing rapidly. What's In, What's Out: Designing Benefits for Universal Health Coverage argues that the creation of an explicit health benefits plan--a defined list of services that are and are not available--is an essential element in creating a sustainable system of universal health coverage. With contributions from leading health economists and policy experts, the book considers the many dimensions of governance, institutions, methods, political economy, and ethics that are needed to decide what's in and what's out in a way that is fair, evidence-based, and sustainable over time.

Educational Differences (RLE Edu L) Arthur Jensen 2012-05-16 Among particular issues discussed in this book are the problems of the cultural disadvantaged, the problems of devising psychological tests which are not biased towards any particular culture, the problems of minority groups of children in education and the relationship between heritability and teachability.

The Real Cost of Poor Housing Mike Roys 2010 Highlights weaknesses in existing models of the housing stock and proposes a new model intended to overcome them. The model uses data from the English House Condition Survey to illustrate the effects of various scenarios and repair options. Encourages all the hazards measured in the survey to be compared, and identifies repair solutions which provide direct benefit to the NHS through reduced injury rates and treatment costs.- publisher.

The Wiley Handbook of Global Educational Reform Kenneth J. Saltman 2018-11-13 The Wiley Handbook of Global Educational Reform examines educational reform from a global perspective. Comprised of approximately 25 original and specially commissioned essays, which together interrogate educational reform from a critical global and transnational perspective, this volume explores a range of topics and themes that fully investigate global convergences in educational reform policies, ideologies, and practices. The Handbook probes the history, ideology, organization, and institutional foundations of global educational reform movements; actors, institutions, and agendas; and local, national, and global education reform trends. It further examines the "new managerialism" in global educational reform, including the standardization of national systems of educational governance, curriculum, teaching, and learning through the rise of new systems of privatization, accountability, audit, big-data, learning analytics, biometrics, and new technology-driven adaptive learning models. Finally, it takes on the subjective and intersubjective experiential dimensions of the new educational reforms and alternative paths for educational reform tied to the ethical imperative to reimagine education for human flourishing, justice, and equality. An authoritative, definitive volume and the first global take on a subject that is grabbing headlines as well as preoccupying policy makers, scholars, and teachers around the world Edited by distinguished leaders in the field Features contributions from an illustrious list of experts and scholars The Wiley Handbook of Global Educational Reform will be of great interest to scholars and graduate students of education throughout the world as well as the policy makers who can institute change.

Mathematics for Computer Science Eric Lehman 2017-03-08 This book covers elementary discrete mathematics for computer science and engineering. It emphasizes mathematical definitions and proofs as well as applicable methods. Topics include formal logic notation, proof methods; induction, well-ordering; sets, relations; elementary graph theory; integer congruences; asymptotic notation and growth of functions; permutations and combinations, counting principles; discrete probability. Further selected topics may also be covered, such as recursive definition and structural induction; state machines and invariants; recurrences; generating functions.

Digital Cocaine (eBook) Brad Huddleston 2016-01-15 What's the difference between half a line of cocaine and an hour playing a video game? Nothing, as far as your brain is concerned. What can you do to be effective at multi-tasking? Nothing, as far as your brain is concerned. What do digital devices in the classroom contribute to focus and concentration? Nothing, as far as your brain is concerned. In DIGITAL COCAINE, Brad Huddleston will replace your confusion, hesitancy and fear as it relates to the digital world with the facts that can make you and your family safer and more secure from page one. Whether it's gaming, pornography, cyberbullying, or the decline in grades, you'll get a look inside your wonderful God-designed brain to understand how it interacts with the exploding world of digital communication and how you can keep your family safe. Your smartphone, tablet and computer can be powerful tools to help you ... or not. The choice is yours. DIGITAL COCAINE gives you the power to make that choice.

Introduction to Nordic Cultures Annika Lindskog 2020-04-17 Introduction to Nordic Cultures is an innovative, interdisciplinary introduction to Nordic history, cultures and societies from medieval times to today. The textbook spans the whole Nordic region, covering historical periods from the Viking Age to modern society, and engages with a range of subjects: from runic inscriptions on iron rings and stone monuments, via eighteenth-century scientists, Ibsen's dramas and turn-of-the-century travel, to twentieth-century health films and the welfare state, nature ideology, Greenlandic literature, Nordic Noir, migration, 'new' Scandinavians, and stereotypes of the Nordic. The chapters provide fundamental knowledge and insights into the history and structures of Nordic societies, while constructing critical analyses around specific case studies that help build an informed picture of how societies grow and of the interplay between history, politics, culture, geography and people. Introduction to Nordic Cultures is a tool for understanding issues related to the Nordic region as a whole, offering the reader engaging and stimulating ways of discovering a variety of cultural

expressions, historical developments and local preoccupations. The textbook is a valuable resource for undergraduate students of Scandinavian and Nordic studies, as well as students of European history, culture, literature and linguistics. *The Report of the Hillsborough Independent Panel* Hillsborough Independent Panel 2012-09-12 96 women, men and children died as a result of the disaster in Hillsborough Stadium on 15 April 1989. They were crushed due to overcrowding in the Leppings Lane terrace, penned in by the ground's fencing. Hundreds more were injured and thousands traumatised. Lord Justice Taylor led a judicial inquiry (1990, Cm. 962, ISBN 9780101096225), concluding that the main cause of the disaster was the failure of police control. The next 11 years saw a variety of investigations and proceedings, including a scrutiny of new evidence (Lord Justice Stuart-Smith, 1998, Cm. 3878, ISBN 9780101387828). Yet many bereaved families felt that the true context, circumstances and aftermath had not been adequately made

public, and were particularly aggrieved that it had become widely assumed that Liverpool fans' behaviour had contributed to the disaster. The Independent Panel was established in 2010 to oversee full public disclosure of all documents relating to the disaster and to report on its work. This report is in three parts. Firstly it shows what was already known and in the public domain by 2010. Secondly, in 12 detailed chapters, it describes what the disclosed documents add to public understanding. The third part gives a review of options for providing an archive of the documents. The disclosed documents (available at <http://panel.hillsborough.independent.gov.uk/>) add considerably to public understanding. They show that multiple factors were responsible for the tragedy and that the fans were not the cause. The report also shows that the bereaved families met a series of obstacles in their search for justice over more than 20 years.