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Federal Register

Minerals Yearbook

Global Human Resource Development

Regional and Country Perspectives

Routledge Drawing on contributions from leading academics in the field, this volume within the Routledge Series in Human Resource Development specifically focuses on Global Human Resource Development (HRD). Specifically, the volume provides an overview of 17 regions, 85 countries and includes one emerging market grouping, CIVETS. This book examines the role of the state in HRD, the relationship between HRD and the level of economic development in

the country or region, the influence of foreign direct investment within the country or region, and firm-level HRD practices within countries or regions. Global Human Resource Development analyzes HRD from institutional and cross-cultural perspectives, making it possible, for the first time, to analyze trends across countries and regions and to draw conclusions about the value of institutional and cross-cultural perspectives in the HRD context. There is currently no book on the market that conceptualizes the discipline of global HRD in this way, making this a definitive book on HRD across the globe of particular interest to researchers and reflective practitioners.

Global Action on School Library Guidelines

Walter de Gruyter GmbH & Co KG This book celebrates the new IFLA School Library Guidelines and shows how the Guidelines can be used in improving school library services. Each chapter describes innovative initiatives for developing, implementing and promoting school library guidelines. The book provides inspiration and guidance for the creation of national school library standards and for the development and use of standards and guidelines to change school library practice, to define the teaching role of school librarians, to guide the initial preparation of school librarians, and to advocate for school library services. Contributors to the book come from around the world: Australia, Canada, Ethiopia, France, Malaysia, Norway, Poland, Portugal, Spain, Sweden and the United States. Their work illustrates the shared commitment of school librarians around the world to "teaching and learning for all", as envisioned in the IFLA/UNESCO School Library Manifesto.

Promoting Active Learning through the Integration of Mobile and Ubiquitous Technologies

IGI Global Once considered disruptive to learning, technology has increasingly become an integrated and valued part of the modern classroom. In particular, mobile technologies provide the ability to encourage evocative student learning through new experiences. Promoting Active Learning through the Integration of Mobile and Ubiquitous Technologies showcases the widely varied ways that technology can be applied to enhance classroom learning. Closely examining and critiquing the best methods in assimilating technologies, this publication is a valuable resource for faculty, teachers, administrators, technology staff, directors of learning centers, and other education technology leaders

interested in incorporating new technologies within the classroom for engaging student learning.

The Framework for Success in Postsecondary Writing Scholarship and Applications

Parlor Press LLC Illustrates the widespread applications of the Framework for Success in Postsecondary Writing, especially the eight habits of mind, in helping students to be successful not only in postsecondary writing courses but also in four arenas of life: academic, professional, civic, and personal.

Minerals Yearbook

Metals and Minerals

This volume, covering metals and minerals, contains chapters on approximately 90 commodities. In addition, this volume has chapters on mining and quarrying trends and on statistical surveying methods used by Minerals Information, plus a statistical summary.

Understanding and Creating Digital Texts

An Activity-Based Approach

Rowman & Littlefield This book provides activities and examples that use technological tools to help students learn how to create digital texts. This book also provides a basis for creating novel classroom activities that encourage students to define purpose and audience, make textual links, collaborate, gain new perspectives, and construct identities through writing. ies.

Handbook of Research on Fair Trade

Edward Elgar Publishing Fair trade critiques the historical inequalities inherent in international trade and seeks to promote social justice by creating alternative networks linking marginalized producers (typically in the global South) with progressive consumers (typically i

Human Development Report 2015

Work for Human Development

United Nations This report takes a broad view of the link between work and human development. Work is a critical tool for economic growth and security, poverty reduction and gender equality. It enables full participation in society while affording people a sense of dignity and worth. Humans working together not only increase their material well-being, they also accumulate a wide body of knowledge that serves as the basis for cultures and civilizations. The report finds that work enhances human development when policies are taken to expand productive, remunerative and satisfying work opportunities. Workers' skills and potentials are enhanced, their well-being in terms of rights, safety and benefits are ensured with targeted interventions, and an agenda incorporating decent work, a new Social Contract and a Global Deal is pursued.

Critical Mineral Resources of the United States

Economic and Environmental Geology and Prospects for

Future Supply

Geological Survey As the importance and dependence of specific mineral commodities increase, so does concern about their supply. The United States is currently 100 percent reliant on foreign sources for 20 mineral commodities and imports the majority of its supply of more than 50 mineral commodities. Mineral commodities that have important uses and face potential supply disruption are critical to American economic and national security. However, a mineral commodity's importance and the nature of its supply chain can change with time; a mineral commodity that may not have been considered critical 25 years ago may be critical today, and one considered critical today may not be so in the future. The U.S. Geological Survey has produced this volume to describe a select group of mineral commodities currently critical to our economy and security. For each mineral commodity covered, the authors provide a comprehensive look at (1) the commodity's use; (2) the geology and global distribution of the mineral deposit types that account for the present and possible future supply of the commodity; (3) the current status of production, reserves, and resources in the United States and globally; and (4) environmental considerations related to the commodity's production from different types of mineral deposits. The volume describes U.S. critical mineral resources in a global context, for no country can be self-sufficient for all its mineral commodity needs, and the United States will always rely on global mineral commodity supply chains. This volume provides the scientific understanding of critical mineral resources required for informed decisionmaking by those responsible for ensuring that the United States has a secure and sustainable supply of mineral commodities.

Piano Exam Pieces Plus Exercises 2021-2023: Grade 2 - Extended Edition

Shifting from Quantity to Quality

Growth with Equality, Efficiency, Sustainability and Dynamism

United Nations The conventional “grow first, clean up later” approaches to economic growth are increasingly placing the futures of regional economies and societies at risk. The forward-thinking policymaker is tasked to promote development based on eco-efficient economic growth and at the same time, record more inclusive gains in human welfare and socio-economic progress. In order to assist policymakers in responding to such challenges, ESCAP’s “Greening of economic growth” series provides quick access to easy-to-read guidance to specific policy tools.

Social Studies Education in East Asian Contexts

Routledge The book explores the state of social studies education within selected East Asian societies and provides some insights into distinctive classroom practices. In an increasingly volatile and unpredictable world, the education of young people who both understand the contexts in which they are growing up and see the need for engaging with them is a top priority. This task falls to social studies education which carries the responsibility for inducting young people into their social world and helping them to see the role they can play within it. This is particularly important in East Asia where strong economic growth, long held cultural values and diverse political systems create an environment that challenges young people on multiple fronts. This book, with its team of regional authors, shows how different societies in the region are dealing with these challenges and what can be expected from future citizens. The book will appeal to policy makers, researchers and teachers interested in the current state of social studies education in East Asian societies.

Practical Predictive Analytics and Decisioning Systems

for Medicine

Informatics Accuracy and Cost-Effectiveness for Healthcare Administration and Delivery Including Medical Research

Academic Press With the advent of electronic medical records years ago and the increasing capabilities of computers, our healthcare systems are sitting on growing mountains of data. Not only does the data grow from patient volume but the type of data we store is also growing exponentially. **Practical Predictive Analytics and Decisioning Systems for Medicine** provides research tools to analyze these large amounts of data and addresses some of the most pressing issues and challenges where data integrity is compromised: patient safety, patient communication, and patient information. Through the use of predictive analytic models and applications, this book is an invaluable resource to predict more accurate outcomes to help improve quality care in the healthcare and medical industries in the most cost-efficient manner. **Practical Predictive Analytics and Decisioning Systems for Medicine** provides the basics of predictive analytics for those new to the area and focuses on general philosophy and activities in the healthcare and medical system. It explains why predictive models are important, and how they can be applied to the predictive analysis process in order to solve real industry problems. Researchers need this valuable resource to improve data analysis skills and make more accurate and cost-effective decisions. Includes models and applications of predictive analytics why they are important and how they can be used in healthcare and medical research Provides real world step-by-step tutorials to help beginners understand how the predictive analytic processes works and to successfully do the computations Demonstrates methods to help sort through data to make better observations and allow you to make better predictions

International Convergence of Capital Measurement and Capital Standards

A Revised Framework

Lulu.com

Fundamentals of 5G Mobile Networks

John Wiley & Sons Fundamentals of 5G Mobile Networks provides an overview of the key features of the 5th Generation (5G) mobile networks, discussing the motivation for 5G and the main challenges in developing this new technology. This book provides an insight into the key areas of research that will define this new system technology paving the path towards future research and development. The book is multi-disciplinary in nature, and aims to cover a whole host of intertwined subjects that will predominantly influence the 5G landscape, including the future Internet, cloud computing, small cells and self-organizing networks (SONs), cooperative communications, dynamic spectrum management and cognitive radio, Broadcast-Broadband convergence, 5G security challenge, and green RF. This book aims to be the first of its kind towards painting a holistic perspective on 5G Mobile, allowing 5G stakeholders to capture key technology trends on different layering domains and to identify potential inter-disciplinary design aspects that need to be solved in order to deliver a 5G Mobile system that operates seamlessly.

Psychological and Pedagogical Considerations in Digital Textbook Use and Development

IGI Global "This book offers balanced coverage of the technological solutions that contribute to the design of digital textbooks and contribute to achieving learning objectives, offering an emphasis on assessment mechanisms and

learning theory"--

Oregon Historical Quarterly

Mobile Broadband Communications for Public Safety: The Road Ahead Through LTE Technology

John Wiley & Sons Public Protection and Disaster Relief (PPDR) agencies rely on the use of Private/Professional Mobile Radio (PMR) technologies such as TETRA, TETRAPOL, and APCO 25 which were conceived in the 1990s, in parallel with the second generation (2G) of mobile communications systems. Whilst PMR systems offer a rich set of voice-centric services, with a number of features matched to the special requirements of PPDR, the data transmission capabilities of these PMR technologies are rather limited and lag far behind the technological advances made in the commercial wireless domain. As a result, Long Term Evolution (LTE) technology for mobile broadband PPDR is increasingly backed as the technology of choice for future PPDR communications, and technical work is currently being undertaken within the 3rd Generation Partnership Project (3GPP), the organisation in charge of LTE standardisation, to add a number of improved capabilities and features to the LTE standard that will further increase its suitability for PPDR and other professional users. This book provides a timely and comprehensive overview of the introduction of LTE technology for PPDR communications. It looks at operational scenarios and emerging multimedia and data-centric applications which have the potential to improve the efficiency of disaster recovery operation. There is a discussion of the main techno-economic drivers which are believed to be pivotal for an efficient and cost-efficient delivery of mobile broadband PPDR communications. The capabilities and features of the LTE standard for improved support of mission-critical communications are also covered, as is the applicability of Mobile Virtual Network Operator (MVNO) models for the delivery of PPDR services through commercial networks. This book offers a wide and deep analysis of the incoming evolution of PPDR domain, covering user need and technologies, normative and economic topics including those in the framework of commercial and PPDR domains' convergence and interoperability. It provides a highly original reference to the driving subjects and trend of PPDR evolution worldwide. Chapter headings include:- Public Protection and Disaster Relief communications / Private Mobile Radio systems / Mobile Broadband data needs and requirements /

Mobile Broadband systems for PPDR communications / LTE technology for PPDR / Supplementing LTE / Spectrum use for PPDR / MNVO model for PPDR / Interconnection of PPDR networks / State of play

Using Technology to Enhance Writing

Innovative Approaches to Literacy Instruction

Solution Tree Press Sharpen your students' communication skills while integrating digital tools into writing instruction. Loaded with techniques for helping students brainstorm, plan, and organize their writing, this handbook troubleshoots issues students face when writing in a printed versus digital context and teaches them how to read in multiple mediums. You'll find tips for sharing writing, getting interactive feedback, incorporating grammar instruction, and more.

Parental well-being

Satisfaction with work, family life, and family policy in Germany and Japan

IUDICIUM Verlag "Pursuing happiness is not only idealistic, it is the world's best and perhaps only hope to avoid global catastrophe" (Global Happiness Policy Report 2018). With that, the report argues for happiness as overarching policy goal. This volume argues that parental well-being is well qualified to assume a central role for governments of industrially advanced nations that are in need of coping with the challenges of low fertility and societal aging. More than 4000 mothers and fathers of young children in Germany and Japan have been surveyed in regard to their well-being and satisfaction with many aspects related to their work and family lives. The volume brings together 13 scholars to analyze this unique dataset. The chapters fall into three main parts: (1) parenting and childcare, (2) self, social relatedness, and social structures, and (3) family policy well-being. A particular focus lies on the well-being of

mothers in contrast to fathers. The volume uses a multidimensional concept of parental well-being, with each chapter highlighting one dimension, ranging from health, education, employment, and family policy satisfaction to partnership, social network, and childcare satisfaction. National differences are in several aspects superseded by gender, class, and personality types.

The Boy Crisis

Why Our Boys Are Struggling and What We Can Do About It

BenBella Books What is the boy crisis? It's a crisis of education. Worldwide, boys are 50 percent less likely than girls to meet basic proficiency in reading, math, and science. It's a crisis of mental health. ADHD is on the rise. And as boys become young men, their suicide rates go from equal to girls to six times that of young women. It's a crisis of fathering. Boys are growing up with less-involved fathers and are more likely to drop out of school, drink, do drugs, become delinquent, and end up in prison. It's a crisis of purpose. Boys' old sense of purpose—being a warrior, a leader, or a sole breadwinner—are fading. Many bright boys are experiencing a "purpose void," feeling alienated, withdrawn, and addicted to immediate gratification. So, what is The Boy Crisis? A comprehensive blueprint for what parents, teachers, and policymakers can do to help our sons become happier, healthier men, and fathers and leaders worthy of our respect.

Serving Library Users from Asia

A Comprehensive Handbook of Country-Specific

Information and Outreach Resources

Rowman & Littlefield Asian populations are among some of the fastest growing cultural groups in the US. This book is a comprehensive guide to serving library users from 24 specific Asian countries. It begins with a broad overview of how libraries can better serve Asian communities and then devotes a chapter to each country, providing wealth of valuable resources.

Struggling to Make the Grade: A Review of the Causes and Consequences of the Weak Outcomes of South Africa's Education System

International Monetary Fund While South Africa has made significant improvements in basic and tertiary education enrollment, the country still suffers from significant challenges in the quality of educational achievement by almost any international metric. The paper finds that money is clearly not the main issue since the South Africa's education budget is comparable to OECD countries as a percent of GDP and exceeds that of most peer sub-Saharan African countries in per capita terms. The main explanatory factors are complex and multifaceted, and are associated with insufficient subject knowledge of some teachers, history, race, language, geographic location, and socio-economic status. Low educational achievement contributes to low productivity growth, and high levels of poverty, unemployment, and inequality. Drawing on the literature, the paper sketches some policy considerations to guide the debate on what works and what does not.

Early Education Curriculum: A Child's Connection to the

World

Cengage Learning EARLY EDUCATION CURRICULUM: A CHILD'S CONNECTION TO THE WORLD focuses on the role of observation and assessment in early childhood programming, the process of planning and implementing a curriculum, setting up an inclusive child-centered environment, and the uses of evaluation and documentation for continuous program improvement. Updated with current research and standards, the text continues to present new material on brain research that underlies teaching ideas as well as information on reflective practice, intentional teaching, and using the environment as a teaching tool. The seventh edition includes more material on diversity and diversity strategies, activity plans for different age groups, and more floor plans. New case studies provide examples of how activities planned align with specific standards, and allow students to apply knowledge gained to real-life situations. The book retains its strong applied focus on the how-to's of teaching, with many hands-on teaching tips. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Credit Rating Governance

Global Credit Gatekeepers

Routledge Credit rating agencies play an essential role in the modern financial system and are relied on by creditors and investors on the market. In the recent financial crisis, their power and reliability were often questioned, yet a simple rating downgrade could threaten to bankrupt a whole country. This book examines the governance of credit rating agencies, as expressed by their ability to fairly, ethically and consistently assign higher rates to issuers having lesser default risks. However, factors such as the drive for increased revenue and market share, the inadequate business model, the inadequate methodology of assessing risk, opacity and inadequate internal monitoring have all been identified as critical governance failures for credit agencies. This book explores these issues, and proposes some potential solutions and improvements. This will be of interest to researchers and advanced students of corporate finance, finance, financial economics, risk management, investment management, and banking.

The Porn Myth

Exposing the Reality Behind the Fantasy of Pornography

Ignatius Press The Porn Myth is a non-religious response to the commonly held belief that pornography is a harmless or even beneficial pastime. Author Matt Fradd draws on the experience of porn performers and users, and the expertise of neurologists, sociologists, and psychologists to demonstrate that pornography is destructive to individuals, relationships, and society. He provides insightful arguments, supported by the latest scientific research, to discredit the fanciful claims used to defend and promote pornography. This book explains the neurological reasons porn is addictive, helps individuals learn how to be free of porn, and offers real help to the parents and the spouses of porn users. Because recent research on pornography's harmful effects on the brain validates the experiences of countless porn users, there is a growing wave of passionate individuals trying to change the pro-porn cultural norm-by inspiring others to pursue real love and to avoid its hollow counterfeit. Matt Fradd and this book are part of that movement, which is aiding the many men and women who are seeking a love untainted by warped perceptions of intimacy and rejecting the influence of porn in their lives.

New Digital Technology in Education

Conceptualizing Professional Learning for Educators

Springer This book addresses the issues confronting educators in the integration of digital technologies into their teaching and their students' learning. Such issues include a skepticism of the added value of technology to educational learning outcomes, the perception of the requirement to keep up with the fast pace of technological innovation, a lack of knowledge of affordable educational digital tools and a lack of understanding of pedagogical strategies to embrace digital technologies in their teaching. This book presents theoretical perspectives of learning and teaching today's digital students with technology and propose a pragmatic and sustainable framework for teachers' professional learning to embed digital technologies into their repertoire of teaching strategies in a systematic, coherent and

comfortable manner so that technology integration becomes an almost effortless pedagogy in their day-to-day teaching. The materials in this book are comprised of original and innovative contributions, including empirical data, to existing scholarship in this field. Examples of pedagogical possibilities that are both new and currently practised across a range of teaching contexts are featured.

The Marriage and Family Experience: Intimate Relationships in a Changing Society

Cengage Learning Updated with the latest data and research, Cohen/Strong's **THE MARRIAGE & FAMILY EXPERIENCE: INTIMATE RELATIONSHIPS IN A CHANGING SOCIETY** offers a realistic look at modern relationships, helping you understand the underlying issues at work in marriages, families and other relationships. It explores adoptive parenting, childbearing patterns, gay and lesbian families, the transgender experience, virginity, gender roles, communication and conflict resolution, the influence of popular culture, working families and more. Thorough coverage reflects the diversity of families and relationships, illustrating how racial, cultural, economic and sexual differences shape relationships and families. Real-life, cross-cultural examples and self-assessment features encourage you to reflect on your own life and behaviors. The book's straightforward overview of key topics helps you maximize your course success. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Reimagining Climate Change

Routledge Responding to climate change has become an industry. Governments, corporations, activist groups and others now devote billions of dollars to mitigation and adaptation, and their efforts represent one of the most significant policy measures ever dedicated to a global challenge. Despite its laudatory intent, the response industry, or 'Climate Inc.', is failing. *Reimagining Climate Change* questions established categories, routines, and practices that presently constitute accepted solutions to tackling climate change and offers alternative routes forward. It does so by unleashing the political imagination. The chapters grasp the larger arc of collective experience, interpret its meaning for the choices we face, and creatively visualize alternative trajectories that can help us cognitively and emotionally

enter into alternative climate futures. They probe the meaning and effectiveness of climate protection 'from below'—forms of community and practice that are emerging in various locales around the world and that hold promise for greater collective resonance. They also question climate protection "from above" in the form of industrial and modernist orientations and examine large-scale agribusinesses, as well as criticize the concept of resilience as it is presently being promoted as a response to climate change. This book will be of great interest to students and scholars of climate change, global environmental politics, and environmental studies in general, as well as climate change activists.

Empowering Learning

The Importance of Being Experiential

John Catt Educational Experience - it is our first teacher in life, our early warning system, and our guide to world discovery. Experience connects the inner self to the outer world. It shapes our thoughts, informs our attitudes, motivates our actions. It is the most common mode of learning for all of humanity. Yet, hidden in plain sight, experiential learning is largely taken for granted by educators and researchers. We assume that experience is largely educational. We simply 'learn by doing' - don't we? There is a world of difference between 'doing' and 'doing intelligently'. By understanding how experience acts as a mechanism to inspire and scaffold memorable learning, we stand to gain greater control over this most powerful and universal force in human development. Learning, empowered by experience, is life-changing for learners; experience, purposefully harnessed, is transformational for schools.

Development Through Life: A Psychosocial Approach

Cengage Learning This book uses a chronological approach to present development across the life span, drawing on the psychosocial theory of Erik Erikson to provide a conceptual framework. The authors address physical, intellectual, social, and emotional growth in all life stages, focusing on the idea that development results from the interdependence of these areas at every stage, and placing special emphasis on optimal development through life. **Important Notice:** Media content referenced within the product description or the product text may not be available in the ebook version.

Rethinking Value-Added Models in Education Critical Perspectives on Tests and Assessment-Based Accountability

Routledge Since passage of the of No Child Left Behind Act in 2001, academic researchers, econometricians, and statisticians have been exploring various analytical methods of documenting students' academic progress over time. Known as value-added models (VAMs), these methods are meant to measure the value a teacher or school adds to student learning from one year to the next. To date, however, there is very little evidence to support the trustworthiness of these models. What is becoming increasingly evident, yet often ignored mainly by policymakers, is that VAMs are 1) unreliable, 2) invalid, 3) nontransparent, 4) unfair, 5) fraught with measurement errors and 6) being inappropriately used to make consequential decisions regarding such things as teacher pay, retention, and termination. Unfortunately, their unintended consequences are not fully recognized at this point either. Given such, the timeliness of this well-researched and thoughtful book cannot be overstated. This book sheds important light on the debate surrounding VAMs and thereby offers states and practitioners a highly important resource from which they can move forward in more research-based ways.

Human Development Report 2014

Sustaining Human Progress: Reducing Vulnerabilities and Building Resilience

United Nations Publications Most people in most countries have been steadily better in human development. Advances in technology and incomes hold ever-greater for longer, healthier, more secure lives.

Routledge Handbook of Nuclear Proliferation and Policy

Routledge This new Handbook is a comprehensive examination of the rich and complex issues of nuclear proliferation in the early 21st century. The future of the decades-long effort to prevent the further spread of weapons of mass destruction is at a crossroads today. If international nonproliferation efforts are to be successful, an integrated, multi-tiered response will almost certainly be necessary. A serious, thorough, and clear-eyed examination of the range of threats, challenges, and opportunities facing the international community is a necessary first step. This Handbook, which presents the most up-to-date analysis and policy recommendations on these critical issues by recognized, leading scholars in the field, intends to provide such an examination. The volume is divided into three major parts: Part I presents detailed threat assessments of proliferation risks across the globe, including specific regions and countries. Part II explains the various tools developed by the international community to address these proliferation threats. Part III addresses the proliferation risks and political challenges arising from nuclear energy production, including potential proliferation by aspiring states and nonstate groups. This Handbook will be of great interest to students and practitioners of nuclear proliferation, arms control, global governance, diplomacy, and global security and IR general.

The Oxford Handbook of Adolescent Substance Abuse

Oxford University Press, USA Adolescent substance abuse is the nation's #1 public health problem. It originates out of a developmental era where experimentation with the world is increasingly taking place, and where major changes in physical self and social relationships are taking place. These changes cannot be understood by any one discipline nor can they be described by focusing only on the behavioral and social problems of this age period, the characteristics of normal development, or the pharmacology and addictive potential of specific drugs. They require knowledge of the brain's systems of reward and control, genetics, psychopharmacology, personality, child development, psychopathology, family dynamics, peer group relationships, culture, social policy, and more. Drawing on the expertise of the leading researchers in this field, this Handbook provides the most comprehensive summarization of current knowledge about adolescent substance abuse. The Handbook is organized into eight sections covering the literature on the developmental context of this life period, the epidemiology of adolescent use and abuse, similarities and differences in use, addictive potential, and consequences of use for different drugs; etiology and course as

characterized at different levels of mechanistic analysis ranging from the genetic and neural to the behavioural and social. Two sections cover the clinical ramifications of abuse, and prevention and intervention strategies to most effectively deal with these problems. The Handbook's last section addresses the role of social policy in framing the problem, in addressing it, and explores its potential role in alleviating it.

The Education Invasion

How Common Core Fights Parents for Control of American Kids

Encounter Books Most Americans had no idea what Common Core was in 2013, according to polls. But it had been creeping into schools nationwide over the previous three years, and children were feeling its effects. They cried over math homework so mystifying their parents could not help them, even in elementary school. They read motley assortments of “informational text” instead of classic literature. They dreaded the high-stakes tests, in unfamiliar formats, that were increasingly controlling their classrooms. How did this latest and most sweeping “reform” of American education come in mostly under the radar? Joy Pullmann started tugging on a thread of reports from worried parents and frustrated teachers, and it led to a big tangle of history and politics, intrigue and arrogance. She unwound it to discover how a cabal of private foundation honchos and unelected public officials cooked up a set of rules for what American children must learn in core K-12 classes, and how the Obama administration pressured states to adopt them. Thus a federalized education scheme took root, despite legal prohibitions against federal involvement in curriculum. Common Core and its testing regime were touted as “an absolute game-changer in public education,” yet the evidence so far suggests that kids are actually learning less under it. Why, then, was such a costly and disruptive agenda imposed on the nation’s schools? Who benefits? And how can citizens regain local self-governance in education, so their children’s minds will be fed a more nourishing intellectual diet and be protected from the experiments of emboldened bureaucrats? The Education Invasion offers answers and remedies.

A New Juvenile Justice System

Total Reform for a Broken System

NYU Press A New Juvenile Justice System aims at nothing less than a complete reform of the existing system: not minor change or even significant overhaul, but the replacement of the existing system with a different vision. The authors in this volume—academics, activists, researchers, and those who serve in the existing system—all respond in this collection to the question of what the system should be. Uniformly, they agree that an ideal system should be centered around the principle of child well-being and the goal of helping kids to achieve productive lives as citizens and members of their communities. Rather than the existing system, with its punitive, destructive, undermining effect and uneven application by race and gender, these authors envision a system responsive to the needs of youth as well as to the community’s legitimate need for public safety. How, they ask, can the ideals of equality, freedom, liberty, and self-determination transform the system? How can we improve the odds that children who have been labeled as “delinquent” can make successful transitions to adulthood? And how can we create a system that relies on proven, family-focused interventions and creates opportunities for positive youth development? Drawing upon interdisciplinary work as well as on-the-ground programs and experience, the authors sketch out the broad parameters of such a system. Providing the principles, goals, and concrete means to achieve them, this volume imagines using our resources wisely and well to invest in all children and their potential to contribute and thrive in our society.

Cyber Weaponry

Issues and Implications of Digital Arms

Springer There is little doubt that cyber-space has become the battle space for confrontations. However, to conduct cyber operations, a new armory of weapons needs to be employed. No matter how many, or how sophisticated an aggressor’s kinetic weapons are, they are useless in cyber-space. This book looks at the milieu of the cyber weapons industry, as well as the belligerents who use cyber weapons. It discusses what distinguishes these hardware devices

and software programs from computer science in general. It does this by focusing on specific aspects of the topic—contextual issues of why cyber-space is the new battleground, defensive cyber weapons, offensive cyber weapons, dual-use weapons, and the implications these weapons systems have for practice. Contrary to popular opinion, the use of cyber weapons is not limited to nation states; though this is where the bulk of news reporting focuses. The reality is that there isn't a sector of the political-economy that is immune to cyber skirmishes. So, this book looks at cyber weapons not only by national security agencies and the military, but also by law enforcement, and the business sector—the latter includes administrations termed non-government organisations (NGOs). This book offers study material suitable for a wide-ranging audience—students, professionals, researchers, policy officers, and ICT specialists.