

Life Sciences Caps 2014 Term One Question Paper

Encyclopedia of Sustainable Technologies provides an authoritative assessment of the sustainable technologies that are currently available or in development. Sustainable technology includes the scientific understanding, development and application of a wide range of technologies and processes and their environmental implications. Systems and lifecycle analyses of energy systems, environmental management, agriculture, manufacturing and digital technologies provide a comprehensive method for understanding the full sustainability of processes. In addition, the development of clean processes through green chemistry and engineering techniques are also described. The book is the first multi-volume reference work to employ both Life Cycle Analysis (LCA) and Triple Bottom Line (TBL) approaches to assessing the wide range of technologies available and their impact upon the world. Both approaches are long established and widely recognized, playing a key role in the organizing principles of this valuable work. Provides readers with a one-stop guide to the most current research in the field Presents a grounding of the fundamentals of the field of sustainable technologies Written by international leaders in the field, offering comprehensive coverage of the field and a consistent, high-quality scientific standard Includes the Life Cycle Analysis and Triple Bottom Line approaches to help users understand and assess sustainable technologies

In this groundbreaking guide, former investment banker Philippe Espinasse explains the process of gathering cornerstone investors in connection with IPOs and other equity offerings. Using his trademark simple and jargon-free language, he details the targeting strategies, documentation, marketing, and allocation of shares and other securities to these reference shareholders, and analyses why and how they make or break today's new listings across Asia's key markets. This essential guide—and the first of its kind—contains key information on the legal framework for cornerstone investors in Hong Kong, Malaysia, and Singapore, and offers practical advice on how best to structure and conduct a cornerstone investor offering. It also discusses some of the more controversial issues associated with the practice of cornerstone investment and includes many real-life examples of cornerstone deals, sample documents, cornerstone investor profiles, an investor target list, and a comprehensive glossary. 'There is no better person to shed light on the opaque world of cornerstone investing in Asian IPOs. Philippe Espinasse writes clearly, substantively, and expertly.' —Jasper Moiseiwitsch, Asia.com, former editor, Financial Times 'As engaging as it is informative. Espinasse has cut through legalese and jargon to create a pragmatic overview of this widely misunderstood, and distinctly Asian, investment banking concept. Packed with recent examples, this book doesn't just teach you about cornerstones; it also provides an insider's take of the region's capital markets hubs.' —Danielle Myles, capital markets editor, The Banker 'Cornerstone investors have taken center stage in Hong Kong's IPO market. This book is needed now more than ever.' —Matthew Thomas, Asia bureau chief, Euromoney Institutional Investor

This fully-revised comprehensive fourth edition covers the whole field of physical geography including climate and atmosphere, geomorphology, biogeography, hydrology, oceans, Quaternary, environmental change, soils, remote sensing and GIS. This new edition reflects developments in the discipline during the last decade, with the expert advisory group providing an international perspective on the discipline of physical geography. Over 2000 entries that are self-contained or cross-referenced include 200 that are new to this edition, over 400 that are rewritten and updated, and new supporting references and additional recommended reading in many others. Entries removed from the last edition are available in the online resource. This volume is the essential reference point for students of physical geography and related environmental disciplines, lecturers and interested individuals alike.

This book disseminates original research on learning in and from practice in pre-service teacher education. Authors such as Lederman and Lederman describe the student teaching practicum (or work-integrated learning [WIL]), which is an essential component of pre-service teacher education, as the 'elephant in the room'. These authors note that 'the capstone experience in any teacher education programme is the student teaching practicum... [a]fter all, this is where the rubber hits the road'. However, many teacher educators will agree that this WIL component is sometimes very insufficient in assisting the student teacher to develop their own footing and voice as a teacher. This is the 'gap' that this research book addresses. Most of the chapters in the book report empirical data, with the exception of two chapters that can be categorized as systematic reviews. WIL is addressed from various angles in the chapters. Chapter 6 focuses on research related to what makes Finnish teacher education so effective, and in Chapter 4 researchers of the University of Johannesburg disseminate their findings on establishing a teaching school (based on Finnish insights) in Johannesburg. Chapter 3 highlights the challenges faced in open-and distance learning teacher education contexts. Several of the chapters disseminate research findings on alternative interventions to classic WIL, namely, where "safe spaces" or laboratories are created for student teachers to learn and grow professionally. These could either be simulations, such as software programmes and avatars in the interventionist approach, or experiential learning, as described in Chapter 2; student excursions, as the findings in chapters 5, 7 and 10 portray; or alternative approaches to WIL (e.g. Chapters 11 and 12). The book is devoted to scholarship in the field of pre-service teacher education. The target audience is scholars working in the fields of pre-service teacher education, work-integrated learning, and self-directed learning. The book makes a unique contribution in terms of firstly its extensive use of Cultural-Historical Activity Theory as a research lens, and secondly in drawing on various theoretical frameworks. Both quantitative and qualitative research informed the findings of the book.

A Perspective from the Global South

Augmentation of Brain Function: Facts, Fiction and Controversy

Volume 2: Applied and Practical Measures

Science and Technology Teacher Education in the Anthropocene

Volume II: Neurostimulation and Pharmacological Approaches

Psychoanalytic and Aesthetic Perspectives

"What are the benefits and risks for Africa's participation in the globalisation nexus? Remapping Africa in the Global Space is a visionary and interdisciplinary volume that restores Africa's image using a multidisciplinary lens. It incorporates disciplines such as sociology, education, global studies, economics, development studies, political science and philosophy to explore and theorise Africa's reality in the global space and to deconstruct the misperceptions and narratives that often infantilise Africa's internal and international relations. The contributions to this volume are a hybrid of both 'outsider' and 'insider' perspectives that create a balanced critical discourse that can provide 'standard' paradigms that can adequately explain, predict, or prevent Africa's current misperceptions and myths about the African 'crisis' and 'failure' status. The authors provide a holistic, and perhaps, anticolonial and anti-hegemonic perspective that can benefit a wide spectrum of academics, scholars, students, development agents, policy makers in both governmental and non-governmental organisations and engage some alternative analyses and possibilities for socio-politico and economic advancement in Africa. The book provides up-to-date scholarly research on continental trends on various subjects and concerns of paramount importance to globalisation and development in Africa. "The book is brilliant! Remapping Africa in the Global Space: Propositions for Change explores Africa from the perspective of academics specialised in subject matters pertaining to the continent. In this age of globalisation, I find this book invaluable. It is a good read as it dissects analyses and presents issues affecting the continent in an articulate and cogent way. I highly recommend its use in academic institutions!" - Magnus Mfoafo-M'Carthy, Assistant Professor, Lyle S. Hallman Faculty of Social Work; Fellow of Tshepo Institute for the Study of Contemporary Africa, Wilfrid Laurier University, Kitchener, Canada "More than anything else, Remapping Africa in the Global Space: Propositions for Change speaks to the complex, multifaceted, and interfused character of the development challenges and prospects of Africa. Indeed, few books have examined contemporary Africa as comprehensively and insightfully as this edited volume; it is widely welcomed in the African academic, scholarly and research arena." - Joseph Mensah, Professor of Geography, York University, Toronto "

"Urban Climate Change Research Network, Center for Climate Systems Research, Earth Institute, Columbia University."

This revolutionary book is the only indepth reference to detail the processes, developments, and factors affecting the science of winemaking. Jamie Goode, a highly regarded expert on the subject, skilfully opens up this complex subject and explains the background to the various processes involved and the range of issues surrounding their uses. He reports on the vital progress in winemaking research that has been made in the last decade and explains the practical application of science with reference to the range of winemaking techniques used around the world, as well as viticultural practices, organics and ecology, and lifestyle influences. Written in a uniquely accessible style, the book is divided into three sections covering the vineyard, the winery and human interaction with wine. It also features over 80 illustrations and photographs to help make even the most complex topics clear, straightforward and easy to understand.

An encyclopedia designed especially to meet the needs of elementary, junior high, and senior high school students.

Study and Master Life Sciences Grade 11 CAPS Study Guide

Energy Science

Encyclopedia of Sustainable Technologies

Improvement for Quality and Safety Traits in Horticultural Plants

Information and Communication Technologies in Modern Agricultural Development

Schooling for Sustainable Development in Africa

Polymeric Nanomaterials in Nanotherapeutics describes how polymeric nanosensors and nanorobotics are used for biomedical instrumentation, surgery, diagnosis and targeted drug delivery for cancer, pharmacokinetics, monitoring of diabetes and healthcare. Key areas of coverage include drug administration and formulations for targeted delivery and release of active agents (drug molecules) to non-healthy tissues and cells. The book demonstrates how these are applied to dental work, wound healing, cancer, cardiovascular diseases, neurodegenerative disorders, infectious diseases, chronic inflammatory diseases, metabolic diseases, and more. Methods of administration discussed include oral, dental, topical and transdermal, pulmonary and nasal, ocular, vaginal, and brain drug delivery and targeting. Drug delivery topics treated in several subchapters includes materials for active targeting and cases study of polymeric nanomaterials in clinical trials. The toxicity and regulatory status of therapeutic polymeric nanomaterials are also examined. The book gives a broad perspective on the topic for researchers, postgraduate students and professionals in the biomaterials, biotechnology, and biomedical fields. Shows how the properties of polymeric nanomaterials can be used to create more efficient medical treatments/therapies Demonstrates the potential and range of applications of polymeric nanomaterials in disease prevention, diagnosis, drug development, and for improving treatment outcomes Accurately explains how nanotherapeutics can help in solving problems in the field through the latest technologies and formulations

Presents a comprehensive examination of core Daoist facets from the point of view of modern science. Exploring its cosmology, physiology, psychology, cultivation, and visions of immortality in the light of astrophysics, particle physics, paleoanthropology, behavioural kinesiology, cell biology, and more, the book enhances the credibility of traditional Daoist ideas and practices.

Twenty Years of Education Transformation in Gauteng 1994 to 2014: An Independent Review presents a collection of 15 important essays on different aspects of education in Gauteng since the advent of democracy in 1994. These essays talk to what a provincial education department does and how and why it does these things - whether it be about policy, resourcing or implementing projects. Each essay is written by one or more specialist in the relevant focus area. The book is written to be accessible to the general reader as well as being informative and an essential resource for the specialist reader. It sheds light on aspects of how a provincial department operates and why and with what consequences certain decisions have been made in education over the last 20 turbulent years, both nationally and provincially. There has been no attempt to fit the book's chapters into a particular ideological or educational paradigm, and as a result the reader will find differing views on various aspects of the Gauteng Department of Education's present and past. We leave the reader to decide to what extent the GDE has fulfilled its educational mandate over the last 20 years.

This edited volume brings together a broad range of international science education studies, focusing on the interplay of teaching and learning science. It recognizes the complexity present in today's education, associated with major science related issues faced by society, such as climate change, diseases and pandemics, global conflicts over energy, food and water. The studies discussed in this volume are focused on presenting different opportunities to teach these convoluted matters in order to find simplicity within the complexity and make it accessible to learners. They bring together the challenges of preparing the students of today to become scientifically informed citizens of tomorrow.

Planet, people and places

Learning from Life

Second Assessment Report of the Urban Climate Change Research Network

Education in a New South Africa

The Sublime in Everyday Life

Science and the Dao

A chapter from the Global Innovation Science Handbook, a comprehensive guide to the science, art, tools, and deployment of innovation, brought together by two Editors of the prestigious International Journal of Innovation Science, with ground-breaking contributions from global innovation leaders in every type of industry.

The Routledge International Encyclopedia of Sport and Exercise Psychology integrates the topics of motor control, physical education, exercise, adventure, performance in sports, and the performing arts, in several important ways and contexts, drawing upon diverse cultural perspectives. More than 90 overarching topics have been systematically developed by internationally renowned experts in theory, research, and practice. Each contribution delves into a thematic area with more nuanced vocabulary. The terminology drawn upon integrates traditional discourse and emerging topic matter into a state-of-the-art two-volume set. Volume 1: Theoretical and Methodological Concepts is comprised of theoretical topic matter, spanning theories and terminology from psychology contextualized to sport and physical activity, sport psychology-focused theories, and expansive discussions related to philosophy of science and methodology. Volume 2: Applied and Practical Measures draws upon practical concepts that bridge theory and research and practice. Broader issues that extend beyond sport and physical activity participants are embedded within the entries, intended to augment physical, mental, and social well-being. This expansive encyclopedia is a must-have resource for all professionals, scholars, and students in the fields of sport psychology and sport science.

Twenty Years of Education Transformation in Gauteng 1994 to 2014African Minds

Notions of the sublime are most often associated with the extraordinary, and include the intra-psychic, high-cultural and exceptional occurrences of elation and exaltation as part of the experience. Using psychoanalytic and aesthetic theories, this book aims to revitalise the sublime by re-evaluating its significance for contemporary life and, in a unique and fascinating endeavour, opens up a space that explores the sublime in the ordinary, everyday and quotidian. Through the exploration of familiar (i.e. love, death, art and nature) and unfamiliar (pornography, education and politics) threads of the sublime experience, this book posits the sublime as invoking an ordinary human response which contains minute, inter-psychic, inclusive and even mass-media cultural elements, and carries within it therapeutic and political potential. It explores loving and caring, as well as hateful, traumatic and destructive encounters with the sublime, demonstrating how it can overflow and destabilise our psychological and social symbolic structures and expose their fictional and constructed nature, but also shows it as something we can engage with in order to re-create and heal ourselves, above and beyond what any 'given' form of reality can offer us. Demonstrating the urgent need to understand the sublime as something that is immanent in our everyday life, a source of energy and inspiration that can be invoked to support our mental health and well-being, this book will be of great interest to psychoanalysts, psychotherapists and art therapists, as well as scholars and students of philosophy and popular culture.

Thesaurus of Engineering and Scientific Terms

Representations of Nature of Science in School Science Textbooks

Globalisation, Human Rights Education and Reforms

Becoming a teacher

Frontiers in Silk Science and Technology

Twenty Years of Education Transformation in Gauteng 1994 to 2014

Fundamentals of Nursing by Potter and Perry is a widely appreciated textbook on nursing foundations/fundamentals. Its comprehensive coverage provides fundamental nursing concepts, skills and techniques of nursing practice and a firm foundation for more advanced areas of study. This Second South Asia edition of Potter and Perry's Fundamentals of Nursing not only provides the well-established, authentic content of international standards but also caters to the specific curriculum requirements of nursing students of the region. SALIENT FEATURES Fully compliant to the INC curriculum Easy-to-read, interesting and involving disposition, which leads the reader through various facets of nursing foundations/ fundamentals Improved layout, design and presentation A number of photographs replaced with the Indian ones to provide regional feel to the content Long Answer and Short Answer questions added at the end of every chapter

Updated with critical advances in research along with new NAEYC standards, Miller's POSITIVE CHILD GUIDANCE, 9th Edition, equips you with practical skills to guide, support and cope with a wide range of child behaviors. For a learning environment to thrive, it must be safe, individual rights must be respected and learners must accept responsibility for their actions. The author outlines workable steps for creating a cooperative, respectful community of children and adults, with special emphasis on social justice, cultural sensitivity and developmentally appropriate practice. This book provides insight into children's struggle to understand their own emerging needs and feelings while learning to meet adult expectations. You'll find a wealth of practical, effective and flexible guidance strategies based on principles of straightforward communication, respect and assertiveness. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Bringing together international research on nature of science (NOS) representations in science textbooks, the unique analyses presented in this volume provides a global perspective on NOS from elementary to college level and discusses the practical implications in various regions across the globe. Contributing authors highlight the similarities and differences in NOS representations and provide recommendations for future science textbooks. This comprehensive analysis is a definitive reference work for the field of science education.

Bullying has long been tolerated as a rite of passage among children and adolescents. There is an implication that individuals who are bullied must have "asked for" this type of treatment, or deserved it. Sometimes, even the child who is bullied begins to internalize this idea. For many years, there has been a general acceptance and collective shrug when it comes to a child or adolescent with greater social capital or power pushing around a child perceived as subordinate. But bullying is not developmentally appropriate; it should not be considered a normal part of the

typical social grouping that occurs throughout a child's life. Although bullying behavior endures through generations, the milieu is changing. Historically, bulling has occurred at school, the physical setting in which most of childhood is centered and the primary source for peer group formation. In recent years, however, the physical setting is not the only place bullying is occurring. Technology allows for an entirely new type of digital electronic aggression, cyberbullying, which takes place through chat rooms, instant messaging, social media, and other forms of digital electronic communication. Composition of peer groups, shifting demographics, changing societal norms, and modern technology are contextual factors that must be considered to understand and effectively react to bullying in the United States. Youth are embedded in multiple contexts and each of these contexts interacts with individual characteristics of youth in ways that either exacerbate or attenuate the association between these individual characteristics and bullying perpetration or victimization. Recognizing that bullying behavior is a major public health problem that demands the concerted and coordinated time and attention of parents, educators and school administrators, health care providers, policy makers, families, and others concerned with the care of children, this report evaluates the state of the science on biological and psychosocial consequences of peer victimization and the risk and protective factors that either increase or decrease peer victimization behavior and consequences.

The Application of Science in Winemaking

A Global Perspective

Positive Child Guidance

Environmental Plant Physiology

Polymeric Nanomaterials in Nanotherapeutics

Global Innovation Science Handbook, Chapter 9 - Biomimetics: Learning from Life

Anthropos, in the sense of species as well as cultures and ethics, locates humans as part of much larger orders of existence – fundamental when thinking about climate change. This book offers a new way of exploring the significance of locality and lives in the epoch of the Anthropocene, a time when humans confront the limits of our control over nature. Many scholars now write about the ethics, policies and politics of climate change, focussing on global processes and effects. The book’s innovative approach to cross-cultural comparison and a regionally based study explores people’s experiences of environmental change and the meaning of climate change for diverse human worlds in a changing biosphere. The main study site is the Hunter Valley in southeast Australia: an ecological region defined by the Hunter River catchment; a dwelling place for many generations of people; and a key location for transnational corporations focussed on the mining, burning and export of black coal. Abundant fossil fuel reserves tie Hunter people and places to the Asia Pacific – the engine room of global economic growth in the twenty-first century and the largest user of the planet’s natural resources. The book analyses the nexus of place and perceptions, political economy and social organisation in situations where environmental changes are radically transforming collective worlds. Based on an anthropological approach informed by other ways of thinking about environment-people relationships, this book analyses the social and cultural dimensions of climate change holistically. Each chapter links the large scales of species and planet with small places, commodity chains, local actions, myths and values, as well as the mingled strands of dystopian imaginings and strivings for recuperative renewal in an era of transition.

The Volume II is entitled “Neurostimulation and pharmacological approaches”. This volume describes augmentation approaches, where improvements in brain functions are achieved by modulation of brain circuits with electrical or optical stimulation, or pharmacological agents. Activation of brain circuits with electrical currents is a conventional approach that includes such methods as (i) intracortical microstimulation (ICMS), (ii) transcranial direct current stimulation (tDCS), and (iii) transcranial magnetic stimulation (TMS). tDCS and TMS are often regarded as noninvasive methods. Yet, they may induce long-lasting plastic changes in the brain. This is why some authors consider the term “noninvasive” misleading when used to describe these and other techniques, such as stimulation with transcranial lasers. The volume further discusses the potential of neurostimulation as a research tool in the studies of perception, cognition and behavior. Additionally, a notion is expressed that brain augmentation with stimulation cannot be described as a net zero sum proposition, where brain resources are reallocated in such a way that gains in one function are balanced by costs elsewhere. In recent years, optogenetic methods have received an increased attention, and several articles in Volume II cover different aspects of this technique. While new optogenetic methods are being developed, the classical electrical stimulation has already been utilized in many clinically relevant applications, like the vestibular implant and tactile neuroprosthesis that utilizes ICMS. As a peculiar usage of neurostimulation and pharmacological methods, Volume II includes several articles on augmented memory. Memory prostheses are a popular recent development in the stimulation-based BMIs. For example, in a hippocampal memory prosthesis, memory content is extracted from hippocampal activity using a multiple-input, multiple-output non-linear dynamical model. As to the pharmacological approaches to augmenting memory and cognition, the pros and cons of using nootropic drugs are discussed.

This book considers the scope and dynamics of Education for Sustainable Development (ESD) and learning in schools in Africa. It explores the conditions and processes that support such learning, and examines how ESD in schooling can improve the quality and relevance of education. The quality of education has been defined internationally as a key concern for educational institutions around the world, including schools in Africa. The models of quality are often limited to performance-based approaches and/or inclusive approaches. The contributions in this book show that there is more to a discussion on educational quality in Africa than performance success and/or inclusion. The chapters explain how ESD brings a new relevance to education in Africa, and at the same time, sounds the beginning of a new concept of quality education. The volume presents a collection of experiences in creating and supporting quality learning processes through a variety of ESD practices.

This text traces the evolution of sustainable development and climate change from the time it emerged in international consultations and agreements. The three sections of the book, focusing on the framework, climate change and sustainable development, seek to cover the essentials of the politics of natural resource usage at the global level. The book explores the evolution of sustainable development and climate change within the framework of the United Nations, and the way the concept has been defined through intergovernmental meetings, agreements and consensus within the multilateral system. It also explores the best ways of reducing the risk to the planet while enabling societies to pursue sustainable development paths. The challenges call for a transformation of social systems to facilitate a broadly acceptable change. The book also explores the adoption of low-carbon models different from the high-carbon socio-technical systems and related social practices.

Wine Science

The Routledge International Encyclopedia of Sport and Exercise Psychology

The World's Search for Sustainable Development

Complexity and Simplicity in Science Education

The World Book Encyclopedia

Media and Global Climate Knowledge

No nursing student should leave home without this book! Mosby's Drug Guide for Nursing Students, 10th Edition offers the most reliable information, now presented in full color. With an A to Z organization, you have quick access to information on 50 drug classifications and more than 4,000 individual generic and trade name drugs. The newest NANDA-I nursing diagnoses help you write care plans, and data on interactions and therapeutic outcomes help you prevent errors. Detailed illustrations show how drugs work at the cellular level, and a photo atlas depicts physical landmarks and techniques for safe and effective drug administration. Known for its focus on drug safety, this handbook is compiled by Linda Skidmore-Roth, a well-known expert in nursing pharmacology, which means you will ALWAYS find the latest and most trustworthy drug information. An Evolve companion website includes profiles of several drugs commonly encountered in clinicals, vibrant animations of drug actions, comprehensive list of combination products, patient-teaching guides, clinical calculators, and more!

2014 Update includes 23 recently approved drugs.

With a focus on the transition from fossil fuels to renewable energy, Energy Science provides a comprehensive overview of the latest energy technologies, combining an accessible but rigorous explanation of the physical principles behind energy science with a cohesive examination of its environmental, economic, and social impacts.

This second edition of Climate Change is an accessible and comprehensive guide to the science behind global warming. Exquisitely illustrated, the text is geared toward students at a variety of levels. Edmond A. Mathez and Jason E. Smerdon provide a broad, informative introduction to the science that underlies our understanding of the climate system and the effects of human activity on the warming of our planet. Mathez and Smerdon describe the roles that the atmosphere and ocean play in our climate, introduce the concept of radiation balance, and explain climate changes that occurred in the past. They also detail the human activities that influence the climate, such as greenhouse gas and aerosol emissions and deforestation, as well as the effects of natural phenomena. Climate Change concludes with a look toward the future, discussing climate model projections, exploring the economic and technological realities of energy production, and presenting a view of the global warming challenge through the lens of risk. Each chapter features profiles of scientists who advanced our understanding of the material discussed. This new edition expands on the first edition's presentation of scientific concepts, making it ideal for classroom use for a wide swath of undergraduate and masters students with both science and nonscience backgrounds.

Herbs and Natural Supplements, 4th Edition: An evidence-based guide is an authoritative, evidence-based reference. This two volume resource is essential to the safe and effective use of herbal, nutritional and food supplements. The first volume provides a foundation of knowledge in the clinical practice of complementary medicine. It emphasises safe practice with strategies to prevent adverse drug reactions, guidelines in assessing benefit, risk and harm and the evaluation of research. Comprehensive review of herbal medicine, clinical nutrition, aromatherapy, and food as medicine Patient safety and wellness Considerations in preoperative care and pregnancy Use in the treatment of cancer Herb/nutrient – drug interactions. Provides up-to-date evidence on the latest research impacting on herbal and natural medicine by top leaders within the fields of Pharmacy, Herbal Medicine and Natural Medicine.

Mosby's Drug Guide for Nursing Students, with 2014 Update - E-Book

Climate Change and Cities

Climate Change and Anthropos

Climate Change

The Dictionary of Physical Geography

Preventing Bullying Through Science, Policy, and Practice

When Rebecca Lester was eleven years old—and again when she was eighteen—she almost died from anorexia nervosa. Now both a tenured professor in anthropology and a licensed social worker, she turns her ethnographic and clinical gaze to the world of eating disorders—their history, diagnosis, lived realities, treatment, and place in the American cultural imagination. Famished, the culmination of over two decades of anthropological and clinical work, as well as a lifetime of lived experience, presents a profound rethinking of eating disorders and how to treat them. Through a mix of rich cultural analysis, detailed therapeutic accounts, and raw autobiographical reflections, Famished helps make sense of why people develop eating disorders, what the process of recovery is like, and why treatments so often fail. It's also an unsparing condemnation of the tension between profit and care in American healthcare, demonstrating how a system set up to treat a disease may, in fact, perpetuate it. Fierce and vulnerable, critical and hopeful, Famished will forever change the way you understand eating disorders and the people who suffer with them.

This collection presents new investigations into the role of heritage languages and the correlation between culture and language from a pedagogic and cosmopolitical point of view.

Environmental Plant Physiology focuses on the physiology of plant-environment interactions, revealing plants as the key terrestrial intersection of the biosphere, atmosphere, hydrosphere and geosphere. It provides a contemporary understanding of the topic by focusing on some of humankind's fundamental biological, agricultural and environmental challenges. Its chapters identify thirteen key environmental variables, grouping them into resources, stressors and pollutants, and leading the reader through how they challenge plants and how plants respond at molecular, physiological, whole plant and ecological levels. The importance of taking account of spatial and temporal dimensions of environmental change in order to understand plant function is emphasised. The book uses a mixture of ecological, environmental and agricultural examples throughout in order to provide a holistic view of the topic suitable for a contemporary student audience. Each chapter uses a novel stress response hierarchy to integrate plant responses across spatial and temporal scales in an easily digestible framework.

This book constitutes the thoroughly refereed post-conference proceedings of the 8th International Conference on Information and Communication Technologies in Agriculture, Food and Environment, HAICTA 2017, held in Chania, Crete, Greece, in September 2017. The 14 revised full papers presented in this book were carefully selected from the 55 accepted full papers out of 124 submissions. The selected papers span across various subjects, from ICT innovations and smart farming, to decision support systems, as well as precision farming, disease diagnosis using mobile devices, IoT for monitoring and controlling animal production, sensor-based solutions, GIS-based water management, environmental planning, information systems for monitoring of fish stocks and fisheries, information management in the agri-food sector, and forestry planning and management.

Cornerstone Investors

Addressing Challenges in the North and South

The Science of Global Warming and Our Energy Future

Biomaterials for Engineering Cellular Environments in Tissue Engineering

Propositions for Change

This unique book compares anthropogenic challenges in science and technology teacher education between the northern and southern contexts of Sweden and South Africa, respectively. Presenting the results of a three-year research collaboration between science and technology teacher education researchers from South Africa and Sweden, the book explores theoretical perspectives and pedagogical experiences in response to challenges in the Anthropocene. It discusses research-informed practice in teacher education to address sustainable development. Chapters in the book collectively investigate the influence of current environmental and societal changes on the education of teachers, answering the question of how science and technology teacher education can adjust to current changes in the world and prepare new teachers for work in their future profession. Touching on issues such as climate change, global warming and pandemic diseases, the book uses a comparative approach and explores opportunities and possibilities for fulfilling the goals of science and technology education for sustainable development. The book offers recommendations and opportunities to implement sustainability issues and develop sustainable teaching strategies. It will be a key reading for researchers, academics and post-graduate students in the fields of teacher education, science and technology education, sustainability education and comparative education.

This book, the seventeenth instalment in the 24-volume series Globalisation, Comparative Education and Policy Research, explores the interrelationship between ideology, the state and human rights education reforms, setting it in a global context. The book examines major human rights education reforms and policy issues in a global culture. It focuses on the ambivalent and problematic relationship between the state, globalisation and human rights education discourses. Using a number of diverse paradigms, ranging from critical theory to historical-comparative research, the authors examine the reasons for, and the outcomes of human rights education reforms and policy. The authors discuss discourses surrounding the major dimensions affecting the human rights education, namely national identity, democracy, and ideology. These dimensions are among the most critical and significant dimensions defining and contextualising the processes surrounding the nation-building, identity politics and human rights education globally. With this as its focus, the chapters represent hand-picked scholarly research on major discourses in the field of human rights education reforms. The book draws upon recent studies in the areas of globalisation, equality, and the role of the state in human rights education reforms. Furthermore, the perception of globalisation as dynamic and multi-faceted processes clearly necessitates a multiple-perspective approach in the study of human rights education. This book provides that perspective commendably. It also critiques current human rights education practices and policy reforms. It illustrates the way shifts in the relationship between the state and human rights education policy. In the book, the authors, who come from diverse backgrounds and regions, attempt insightfully to provide a worldview of current developments in research concerning human rights education, and citizenship education globally. The book contributes, in a very scholarly way, to a more holistic understanding of the nexus between nation-state, human rights education both locally and globally.

This book is a broad and detailed case study of how journalists in more than 20 countries worldwide covered the Intergovernmental Panel on Climate Change (IPCC) Fifth Assessment (AR5) reports on the state of scientific knowledge relevant to climate change. Journalism, it demonstrates, is a key element in the transnational communication infrastructure of climate politics. It examines variations of coverage in different countries and locations all over the world. It looks at how IPCC scientists review the role of media, reflects on how media relate to decision-making structures and cultures, analyzes how key journalists reflect on the challenges of covering climate change, and shows how the message of IPCC was distributed in the global networks of social media.

Federal Register

Remapping Africa in the Global Space

Potter and Perry's Fundamentals of Nursing: Second South Asia Edition - E-Book
Eating Disorders and Failed Care in America
Principles, Technologies, and Impacts
A Practice Guide for Asian IPOs