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Education and Learning to Think Science Education Mathematics for Junior High Schools in West Africa Vocationalisation of Secondary Education Revisited Capitalism without Capital Cambridge IGCSE® Combined and Co-ordinated Sciences Biology Workbook On the Electricity Excited by the Mere Contact of Conducting Substances of Different Kinds Plasma Modeling- Methods and Applications Sharing Higher Education's Promise Beyond the Few in Sub-Saharan Africa New School Chemistry Drug Misuse Chemistry Laboratory Manual for Senior Secondary School Models in Archaeology Bioinorganic Chemistry -- Inorganic Elements in the Chemistry of Life PRINCIPLES OF MASS TRANSFER AND SEPERATION PROCESSES Advanced Engineering Mathematics Higher Education Admissions Practices Pan Africanism, Regional Integration and Development in Africa Reading for Understanding Titrations in Nonaqueous Solvents Fluidized Bed Technologies for Near-Zero Emission Combustion and Gasification Writing Test Items to Evaluate Higher Order Thinking Attribution of Extreme Weather Events in the Context of Climate Change Condensed Conference Report Teaching, Learning and Assessing Science 5 - 12 Expo '77 Substance Abuse Treatment for Persons with HIV/AIDS Homesick in Paradise Nomenclature of Inorganic Chemistry II Confronting Commercial Sexual Exploitation and Sex Trafficking of Minors in the United States Public Examinations Examined Children and Sustainable Development The Curse of Bigness The Challenge of Problem-based Learning Effective Teaching Doing

Business In Ghana Stable Isotopes in Ecology and Environmental Science Handbook of Research on Science Teaching and Learning GCE O Level Examination Past Papers with Answer Guides: English Language India Edition Sustainable Development and Social Responsibility—Volume 2

Education and Learning to Think

"This book comprises a wide range of scholarly essays introducing readers to key topics and issues in science education. Science education has become a well established field in its own right, with a vast literature, and many active areas of scholarship. Science Education: An International Course Companion offers an entry point for students seeking a sound but introductory understanding of the key perspectives and areas of thinking in science education. Each account is self-contained and offers a scholarly and research-informed introduction to a particular topic, theme, or perspective, with both citations to key literature and recommendations for more advanced reading. Science Education: An International Course Companion allows readers (such as those preparing for school science teaching, or seeking more advanced specialist qualifications) to obtain a broad familiarity with key issues across the field as well as guiding wider reading about particular topics of interest. The book therefore acts as a reader to support learning across courses in science education internationally. The broad coverage of

topics is such that that the book will support students following a diverse range of courses and qualifications. The comprehensive nature of the book will allow course leaders and departments to nominate the book as the key reader to support students - their core 'course companion' in science education."

Science Education

The book is a cutting-edge contribution to the debate which has occurred for some time on the pros and cons of secondary education becoming more closely and explicitly related to preparing young people for the world of work. The book provides concrete examples of the vocationalisation of secondary education, with particular reference to the situation in Africa. The target audience for the book includes policy-makers, practitioners, administrators, education planners, researchers, teachers and teacher educators with a concern about the relationship between secondary education and education for the world of work (with particular reference to technical and vocational education and training - TVET.) The book appears in the Springer book series on 'Technical and Vocational Education and Training: Issues, Concerns and Prospects' and compliments the 'International Handbook of Technical and Vocational Education and Training' and other publications in the 'International Library of TVET' all of which are publications of the 'UNESCO-UNEVOC International Centre for TVET' in Bonn, Germany

Mathematics for Junior High Schools in West Africa

Vocationalisation of Secondary Education Revisited

High-stakes public examinations exert a dominant influence in most education systems. They affect both teacher and student behavior, especially at the middle and upper levels of secondary education. The content of past examinations tends to dictate what is taught and how it is taught and, more important, what is learned and how it is learned. By changing aspects of these examinations, especially their content and format, education systems can have a strong positive impact on teacher behavior and student learning, help raise student achievement levels, and better prepare students for tertiary-level education and for employment.

Examination agencies, many of which have followed the same procedures over decades, can learn from the successes and failures of other systems. This book addresses current issues related to the development, administration, scoring, and usage of these high-stakes public examinations, identifying key issues and problems related to examinations in many emerging market economies as well as in advanced economies. The book's primary audience consists of public examination officials on national, regional, and state examination boards, but the book should also be of interest to senior education policy makers concerned with

certification and learning achievement standards, to academics and researchers interested in educational assessment, to governmental and education agencies responsible for student selection, and to professionals at development organizations. “This extremely well-written and comprehensive book offers a timely review of the diversity of public examination practices worldwide; of the tensions between examinations and learning; and of the technical expertise involved in the creation of valid, reliable, and fair assessments. It reminds us that as “the diploma disease” takes hold with an ever-greater intensity at every stage of education worldwide, and the commercial business of testing flourishes, those concerned with educational quality and meaningful learning must be on guard to prevent the assessment tail wagging the educational dog.” Angela W. Little, Professor Emerita, Institute of Education, University College London “This book is very well structured and written and draws on the authors’ remarkable global knowledge across countries and histories. It will be a great asset both to administrators responsible for examinations and to academics and other professionals who seek to understand the nature and impact of examinations of different types and in different settings.” Mark Bray, UNESCO Chair Professor of Comparative Education, University of Hong Kong; and former Director, UNESCO International Institute for Educational Planning “I am sure that Public Examinations Examined, which thoroughly analyzes the practice of public examinations in different countries and makes profound and well-grounded conclusions, will arouse very great interest and will serve to further improve public examinations.” Victor

Bolotov, Distinguished Professor, Higher School of Economics, National Research University, Moscow; member, Russian Academy of Education; and former Deputy Minister of Education, Russian Federation

Capitalism without Capital

Exam Revision from the year 2015 in the subject Mathematics For Pre-University Students, , language: English, abstract: Preparing for exams in Mathematics has been a thorny issue especially for students at the lower levels. This is a question and answer book for students preparing for Basic School Certificate Examinations in West Africa. Every exercise is explained in order to guide the reader.

Cambridge IGCSE® Combined and Co-ordinated Sciences Biology Workbook

This major study reflects the increasing significance of careful model formation and testing in those academic subjects that are struggling from intuitive and aesthetic obscurantism toward a more disciplined and integrated approach to their fields of study. The twenty-six original contributions represent the carefully selected work of progressive archaeologists around the world, covering the use of models on archaeological material of all kinds and from all periods from Palaeolithic to

Medieval. Their common theme is archaeological generalisation by means of explicit model building, testing, modification and reapplication. The contributors seek to show that it is the use of certain models in particular ways that defines archaeology as the practice of one discipline, with a set of general tenets that are as applicable in Peru as in Persia, Australia as Alaska, Sweden as Scotland, on material from the second millennium B.C. to the second millennium A.D. They assert that careful model formulation within archaeology and the cautious exchange and testing of models within and beyond the discipline provides the only route to the formation of the common, internationally valid body of theory which defines a vigorous and coherent discipline and distinguishes it from being a collection of merely regionally applicable special cases.

On the Electricity Excited by the Mere Contact of Conducting Substances of Different Kinds

Every day in the United States, children and adolescents are victims of commercial sexual exploitation and sex trafficking. Despite the serious and long-term consequences for victims as well as their families, communities, and society, efforts to prevent, identify, and respond to these crimes are largely under supported, inefficient, uncoordinated, and unevaluated. *Confronting Commercial Sexual Exploitation and Sex Trafficking of Minors in the United States* examines

commercial sexual exploitation and sex trafficking of U.S. citizens and lawful permanent residents of the United States under age 18. According to this report, efforts to prevent, identify, and respond to these crimes require better collaborative approaches that build upon the capabilities of people and entities from a range of sectors. In addition, such efforts need to confront demand and the individuals who commit and benefit from these crimes. The report recommends increased awareness and understanding, strengthening of the law's response, strengthening of research to advance understanding and to support the development of prevention and intervention strategies, support for multi-sector and interagency collaboration, and creation of a digital information-sharing platform. A nation that is unaware of these problems or disengaged from solutions unwittingly contributes to the ongoing abuse of minors. If acted upon in a coordinated and comprehensive manner, the recommendations of *Confronting Commercial Sexual Exploitation and Sex Trafficking of Minors in the United States* can help advance and strengthen the nation's emerging efforts to prevent, identify, and respond to commercial sexual exploitation and sex trafficking of minors in the United States.

Plasma Modeling- Methods and Applications

This book has received very good response from students and teachers within the country and abroad alike. Its previous edition exhausted in a very short time. I place

on record my sense of gratitude to the students and teachers for their appreciation of my work, which has offered me an opportunity to bring out this revised Eighteenth Edition. Due to the demand of students a chapter on Linear Programming as added. A large number of new examples and problems selected from the latest question papers of various engineering examinations held recently have been included to enable the students to understand the latest trend.

Sharing Higher Education's Promise Beyond the Few in Sub-Saharan Africa

New School Chemistry

As climate has warmed over recent years, a new pattern of more frequent and more intense weather events has unfolded across the globe. Climate models simulate such changes in extreme events, and some of the reasons for the changes are well understood. Warming increases the likelihood of extremely hot days and nights, favors increased atmospheric moisture that may result in more frequent heavy rainfall and snowfall, and leads to evaporation that can exacerbate droughts. Even with evidence of these broad trends, scientists cautioned in the past that individual weather events couldn't be attributed to climate change. Now,

with advances in understanding the climate science behind extreme events and the science of extreme event attribution, such blanket statements may not be accurate. The relatively young science of extreme event attribution seeks to tease out the influence of human-cause climate change from other factors, such as natural sources of variability like El Niño, as contributors to individual extreme events. Event attribution can answer questions about how much climate change influenced the probability or intensity of a specific type of weather event. As event attribution capabilities improve, they could help inform choices about assessing and managing risk, and in guiding climate adaptation strategies. This report examines the current state of science of extreme weather attribution, and identifies ways to move the science forward to improve attribution capabilities.

Drug Misuse

Chemical nomenclature has attracted attention since the beginning of chemistry, when the need to exchange knowledge was first recognised. The responsibility for providing nomenclature to the chemical community was assigned to the International Union of Pure and Applied Chemistry, whose Rules for Inorganic Nomenclature were published and revised in 1958 and 1970. Since then many new compounds have appeared, particularly with regard to coordination chemistry and boron chemistry, which were difficult to name using the 1970 Rules. Consequently, the IUPAC Commission on the Nomenclature of Inorganic Chemistry decided to

thoroughly revise the last edition of the 'Red Book'. As many of the new fields of chemistry are very highly specialised and require complex nomenclature, the revised edition is in two parts. Whilst Part I is mainly concerned with general inorganic chemistry, this volume, Part II, addresses such diverse chemistry as polyanions, isotopic modification, tetrapyrroles, nitrogen hydrides, inorganic ring, chain, polymer, and graphite intercalation compounds. The recommendations bring order to the nomenclature of these specialised systems, based on the fundamental nomenclature described in Part I and the organic nomenclature publications. Each chapter has been subject to extensive review by members of IUPAC and practising chemists in various areas.

Chemistry Laboratory Manual for Senior Secondary School

Fluidized bed (FB) combustion and gasification are advanced techniques for fuel flexible, high efficiency and low emission conversion. Fuels are combusted or gasified as a fluidized bed suspended by jets with sorbents that remove harmful emissions such as SO_x. CO₂ capture can also be incorporated. Fluidized bed technologies for near-zero emission combustion and gasification provides an overview of established FB technologies while also detailing recent developments in the field. Part one, an introductory section, reviews fluidization science and FB technologies and includes chapters on particle characterization and behaviour, properties of stationary and circulating fluidized beds, heat and mass transfer and

attrition in FB combustion and gasification systems. Part two expands on this introduction to explore the fundamentals of FB combustion and gasification including the conversion of solid, liquid and gaseous fuels, pollutant emission and reactor design and scale up. Part three highlights recent advances in a variety of FB combustion and gasification technologies before part four moves on to focus on emerging CO₂ capture technologies. Finally, part five explores other applications of FB technology including (FB) petroleum refining and chemical production. Fluidized bed technologies for near-zero emission combustion and gasification is a technical resource for power plant operators, industrial engineers working with fluidized bed combustion and gasification systems and researchers, scientists and academics in the field. Examines the fundamentals of fluidized bed (FB) technologies, including the conversion of solid, liquid and gaseous fuels Explores recent advances in a variety of technologies such as pressurized FB combustion, and the measurement, monitoring and control of FB combustion and gasification Discusses emerging technologies and examines applications of FB in other processes

Models in Archaeology

Bioinorganic Chemistry -- Inorganic Elements in the Chemistry of Life

Titrations in Nonaqueous Solvents discuss the theory, practice, and data on acidic and basic strength of nonaqueous solvents. This book is organized into three parts encompassing six chapters. The first part considers the general principles of acids and bases and methods of end-point determination. This part also covers the fundamentals, advantages, and limitations of titration instruments, such as potentiometers, burets, titration vessels, and electrodes. The classification of titration solvents according to their functions as color indicators and titrant solutions is provided in this part. The remaining parts describe the analytical procedures for acidity and basicity of nonaqueous solvents. These parts also provide a tabulated data on the acidic and basic strengths, stability, and dissociation constants of various titration solvents. Analytical chemists, and analytical chemistry teachers and students will find this book invaluable.

PRINCIPLES OF MASS TRANSFER AND SEPERATION PROCESSES

Early in the twenty-first century, a quiet revolution occurred. For the first time, the major developed economies began to invest more in intangible assets, like design, branding, and software, than in tangible assets, like machinery, buildings, and computers. For all sorts of businesses, the ability to deploy assets that one can neither see nor touch is increasingly the main source of long-term success. But this is not just a familiar story of the so-called new economy. Capitalism without Capital shows that the growing importance of intangible assets has also played a role in

some of the larger economic changes of the past decade, including the growth in economic inequality and the stagnation of productivity. Jonathan Haskel and Stian Westlake explore the unusual economic characteristics of intangible investment and discuss how an economy rich in intangibles is fundamentally different from one based on tangibles. *Capitalism without Capital* concludes by outlining how managers, investors, and policymakers can exploit the characteristics of an intangible age to grow their businesses, portfolios, and economies.

Advanced Engineering Mathematics

The economic and social challenges confronting the nation today demand that all citizens acquire and learn to use complex reasoning and thinking skills. *Education and Learning to Think* confronts the issues facing our schools as they take on this mission. This volume reviews previous research, highlights successful learning strategies, and makes specific recommendations about problems and directions requiring further study. Among the topics covered are the nature of thinking and learning, the possibilities of teaching general reasoning, the attempts to improve intelligence, thinking skills in academic disciplines, methods of cultivating the disposition toward higher order thinking and learning, and the integral role motivation plays in these activities.

Higher Education Admissions Practices

Pan Africanism, Regional Integration and Development in Africa

Reading for Understanding

This book provides a path for resolving challenges related to access, diversity, equity, and other issues facing higher education admissions. It illuminates current higher education admissions practices in a global context, highlighting common obstacles. The chapters outline decision-making models used in college admissions, details those assessments commonly employed in admissions, and provides innovative perspectives on the future of admissions. The book's multidisciplinary approach defines much-needed changes in admissions brought about by shifts in the makeup of student populations and in higher education itself. Rationales for moving away from traditional assessments used in admissions and expanding the criteria used to ensure a student's academic success are discussed. Readers will come away with an understanding of the current issues, philosophies, and historical circumstances facing higher education admissions across the globe

and will be equipped to contemplate and react to future possibilities and opportunities.

Titration in Nonaqueous Solvents

This edited volume addresses the accomplishments, prospects and challenges of regional integration processes on the African continent. Since regional integration is a process that ebbs and flows according to a wide range of variables such as changing political and economic conditions, implications and factors derived from the vagaries of migration and climate change, it is crucial to be cognizant with how these variables impact regional integration initiatives. The contributors discuss the debates on Pan-Africanism and linking it with ongoing discourses and policies on regional integration in Africa. Other aspects of the book contain some of the most important topic issues such as migration, border management and the sustainable development goals. This content offers readers fresh and innovative perspectives on various aspects of sustainable development and regional growth in Africa.

Fluidized Bed Technologies for Near-Zero Emission Combustion and Gasification

This book addresses the changes in education practices, especially basic

education, necessitated by the global challenges of climate change and sustainable development and in a context characterized by increasing poverty and inequality, migration and refugees. Written by a range of international scholars, scientists and grassroots practitioners from Africa, Latin America, Asia (India, China, Malaysia) and Europe, the individual contributions focus on education policies and child development in various social contexts. Case-based experiences from both developed and developing countries provide inspiration and shed new light on the fundamental changes needed to adapt existing school systems and teacher training to face the challenges of the future. In this regard, the need to empower children themselves is emphasized. All contributions are based on a Workshop hosted in November 2015 by the Pontifical Academy of Sciences at the Vatican entitled “Children and Sustainable Development: A Challenge for Education” and follow three other significant events on sustainable development in 2015, namely the publication of *Laudato Si'*, the Encyclical Letter from Pope Francis, the release of the United Nations Sustainable Development Goals, and the COP21 Conference in Paris.

Writing Test Items to Evaluate Higher Order Thinking

The field of Bioinorganic Chemistry has grown significantly in recent years; now one of the major sub-disciplines of Inorganic Chemistry, it has also pervaded other areas of the life sciences due to its highly interdisciplinary nature. Bioinorganic

Chemistry: Inorganic Elements in the Chemistry of Life, Second Edition provides a detailed introduction to the role of inorganic elements in biology, taking a systematic element-by-element approach to the topic. The second edition of this classic text has been fully revised and updated to include new structure information, emerging developments in the field, and an increased focus on medical applications of inorganic compounds. New topics have been added including materials aspects of bioinorganic chemistry, elemental cycles, bioorganometallic chemistry, medical imaging and therapeutic advances. Topics covered include: Metals at the center of photosynthesis Uptake, transport, and storage of essential elements Catalysis through hemoproteins Biological functions of molybdenum, tungsten, vanadium and chromium Function and transport of alkaline and alkaline earth metal cations Biomineralization Biological functions of the non-metallic inorganic elements Bioinorganic chemistry of toxic metals Biochemical behavior of radionuclides and medical imaging using inorganic compounds Chemotherapy involving non-essential elements This full color text provides a concise and comprehensive review of bioinorganic chemistry for advanced students of chemistry, biochemistry, biology, medicine and environmental science.

Attribution of Extreme Weather Events in the Context of Climate Change

The Cambridge IGCSE® Combined and Co-ordinated Sciences series is tailored to the 0653 and 0654 syllabuses for first examination in 2019, and all components of the series are endorsed by Cambridge International Examinations. This Biology Workbook is tailored to the Cambridge IGCSE® Combined Science 0653 and Co-ordinated Sciences 0654 syllabuses for first examination in 2019 and is endorsed for learner support by Cambridge International Examinations. Covering both the Core and the Supplement material, this workbook contains exercises arranged in the same order as the coursebook and are clearly marked according to the syllabus they cover. Developing students' scientific skills, these exercises are complemented by self-assessment checklists to help them evaluate their work as they go. Answers are provided at the back of the book.

Condensed Conference Report

Homesick in Paradise is a wonderfully written novel that you can't read once and drop but read it time and time again. The lead story has a personal emotional touch that draws you so close to empathizing with an eleven year old character, Enemona, who couldn't bear the heat of his mother's death, decides to break barrier in order to have a spiritual verbal communion with the dead mother. Would the dead mother respond in a mysterious way? The author similarly weaved the childhood memories of a child in a boarding secondary school with its fun and fabulous fury. It espouses the split personality of a nearly indoctrinated child in

Christendom, with the conflict of participating in the rich culture of his African traditional festivals. It is an impressive narration laced with tragic stories but also harmonized with great hilarious stories that are didactic and perhaps ribs cracking.

Teaching, Learning and Assessing Science 5 - 12

Expo '77

This report aims to improve understanding of equity in tertiary enrollment in Sub-Saharan African countries, to examine the extent to which inequity inhibits the ability of African universities to effectively drive improvements in overall quality of life and economic competitiveness, and to identify effectiveness of government equity policies.

Substance Abuse Treatment for Persons with HIV/AIDS

This new edition of the popular textbook digs into the research behind different aspects of teaching in order to give students an informed understanding of what underpins high quality teaching. It explores what the evidence shows about the effectiveness of different approaches, drawing from a variety of educational

schools of thought. New to this edition: enhanced discussion of what we can learn from cognitive science research new chapters on metacognition and thinking skills, teacher subject knowledge, evaluating teacher performance, and international comparisons on teaching new Further Reading and Think Point features encouraging critical engagement with key research findings. This is essential reading for all students on initial teacher education courses including undergraduate, postgraduate, School Direct, Teach First and employment-based routes into teaching, and also qualified teachers wanting to deepen their understanding of educational research.

Homesick in Paradise

From the man who coined the term "net neutrality" and who has made significant contributions to our understanding of antitrust policy and wireless communications, comes a call for tighter antitrust enforcement and an end to corporate bigness.

Nomenclature of Inorganic Chemistry II

GCE O Level Examination Past Papers with Answer Guides: Chemistry

Confronting Commercial Sexual Exploitation and Sex Trafficking of Minors in the United States

In fall 1999, the Department of Education's Office of Educational Research and Improvement (OERI) asked RAND to examine how OERI might improve the quality and relevance of the education research it funds. The RAND Reading Study Group (RRSG) was charged with developing a research framework to address the most pressing issues in literacy. RRSG focused on reading comprehension wherein the highest priorities for research are: (1) Instruction

Public Examinations Examined

This book highlights new and emerging uses of stable isotope analysis in a variety of ecological disciplines. While the use of natural abundance isotopes in ecological research is now relatively standard, new techniques and ways of interpreting patterns are developing rapidly. The second edition of this book provides a thorough, up-to-date examination of these methods of research. As part of the Ecological Methods and Concepts series which provides the latest information on experimental techniques in ecology, this book looks at a wide range of techniques that use natural abundance isotopes to: follow whole ecosystem element cycling understand processes of soil organic matter formation follow the movement of

water in whole watersheds understand the effects of pollution in both terrestrial and aquatic environments study extreme systems such as hydrothermal vents follow migrating organisms In each case, the book explains the background to the methodology, looks at the underlying principles and assumptions, and outlines the potential limitations and pitfalls. Stable Isotopes in Ecology and Environmental Science is an ideal resource for both ecologists who are new to isotopic analysis, and more experienced isotope ecologists interested in innovative techniques and pioneering new uses.

Children and Sustainable Development

Here's a book intended to help readers develop better test questions -- aimed at measuring their students' (or future students') higher level thinking abilities such as writing, reading, mathematical or scientific problem solving, critical thinking, and creative thinking. This book is practical in its approach -- replete with examples -- and focuses on many different question types with the main objective being to select the item type most appropriate for the material being measured. It covers multiple-choice items, designing performance test items, creating and scoring portfolios, and writing survey items. Item-writing templates are provided in each chapter. Preservice and inservice teachers.

The Curse of Bigness

Sponsored by the National Science Teachers Association, this handbook provides a uniquely comprehensive and current survey of the best research in science education compiled by the most renowned researchers. More than summaries of findings, the content provides an assessment of the significance of research, evaluates new developments, and examines current conflicts, controversies, and issues in the major science disciplines: biology, chemistry, physics, and earth science.

The Challenge of Problem-based Learning

This book provides a thorough perspective on the realities of doing business in Ghana, outlining the economic, social, technological, and cultural dimensions of the society. It offers insight for entrepreneurs into the region's markets based on GDP growth, political and governmental systems, relationships with investors, and other factors. Considered a beacon of hope for Africa, Ghana is a country with a competitive labor force, stable political environment, and lots of economic opportunities for new business ventures. This book will offer academics a good understanding of the major issues affecting business development in Ghana, and inform students, scholars, managers, and leaders on the paths necessary to pursue

launching a product or service in Africa.

Effective Teaching

This book gathers high-quality research papers presented at the 2nd AUE international research conference, AUEIRC 2018, which was organized by the American University in the Emirates, Dubai, and held on November 13th-15th, 2018. The book is broadly divided into two main sections: Sustainability and Smart Business, and Sustainability and Creative Industries. The broad range of topics covered under these sections includes: risk assessment in agriculture, corporate social responsibility and the role of intermediaries, the impact of privatizing health insurance, political events and their effect on foreign currency exchange, the effect of sustainable HR practices on financial performance, sustainability integration in the supply chain and logistics, gender inequality in the MENA economies, the panel data model, the model of sustainable marketing in the era of Industry 4.0, micro-enterprises as a tool for combating unemployment, the impact of financial education and control on financial behavior, measuring financial and asset performance in agricultural firms, a comprehensive strategic approach to sustainability in the UAE, sustainability and project finance, HR analytics, FaD or fashion for organizational sustainability, a conceptual framework of sustainable competitive advantages, psychology of organizational sustainability, Blockchain technology and sustainability, veganism and sustainability, institution building

from an emotional intelligence perspective, sustainable concrete production using CWP, occupants' behavior and energy usage in Emirati houses, the effect of shop lighting on consumer behavior, multimedia applications in digital transformation art, integrating biomimicry principles in sustainable architecture, experimental sustainable practices in fashion education, technology-assisted student-centered learning for civil engineering, and a 10-step design process for architectural design studios. All contributions present high-quality original research work, findings and lessons learned in practical development.

Doing Business In Ghana

Sets out clear recommendations, based on the best available evidence, for healthcare staff on how to work with people who misuse drugs (specifically opioids, stimulants and cannabis) to significantly improve their treatment and care.

Stable Isotopes in Ecology and Environmental Science

This textbook is targetted to undergraduate students in chemical engineering, chemical technology, and biochemical engineering for courses in mass transfer, separation processes, transport processes, and unit operations. The principles of mass transfer, both diffusional and convective have been comprehensively

discussed. The application of these principles to separation processes is explained. The more common separation processes used in the chemical industries are individually described in separate chapters. The book also provides a good understanding of the construction, the operating principles, and the selection criteria of separation equipment. Recent developments in equipment have been included as far as possible. The procedure of equipment design and sizing has been illustrated by simple examples. An overview of different applications and aspects of membrane separation has also been provided. 'Humidification and water cooling', necessary in every process industry, is also described. Finally, elementary principles of 'unsteady state diffusion' and mass transfer accompanied by a chemical reaction are covered. SALIENT FEATURES :

- A balanced coverage of theoretical principles and applications.
- Important recent developments in mass transfer equipment and practice are included.
- A large number of solved problems of varying levels of complexities showing the applications of the theory are included.
- Many end-chapter exercises.
- Chapter-wise multiple choice questions.
- An Instructors manual for the teachers.

Handbook of Research on Science Teaching and Learning

This thoroughly revised and completely up-to-date new edition provides an excellent theoretical framework for teaching science that is firmly grounded in classroom practice and covers all stages of education for students aged 5 to 12.

Wynne Harlen details a constructivist view of learning, which recognises that children already have ideas about the world in which they live, and gives advice on how teachers can help children to develop their understanding and change their perception to a more scientific view. A particular feature is the focus on formative assessment as a framework for discussion on how to help students develop their understanding, enquiry skills and positive attitudes to scientific investigation.

GCE O Level Examination Past Papers with Answer Guides: English Language India Edition

Sustainable Development and Social Responsibility—Volume 2

Looks at this method both systematically and critically to highlight its significance, its uses, its strengths, and limitations. Looks at issues such as: conversion to PBL; organizational and institutional hostility; accreditation and assessment; issues in implementation and the future of PBL.

ROMANCE ACTION & ADVENTURE MYSTERY & THRILLER BIOGRAPHIES &
HISTORY CHILDREN'S YOUNG ADULT FANTASY HISTORICAL FICTION HORROR
LITERARY FICTION NON-FICTION SCIENCE FICTION