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KEY=AND - MCMAHON HOLMES

Handbook of Research on the Role of Human Factors in IT Project Management

IGI Global The role humans play in the field of information technology continues to hold relevance even with the industry's rapid growth. People contribute heavily to the physical, cognitive, and organizational domain of computing, yet there is a lack of exploration into this phenomenon. Humanoid aspects of technology require extensive research in order to avoid marginalization and insufficient data. The Handbook of Research on the Role of Human Factors in IT Project Management is a collection of innovative research on the methods and applications of the task of human characteristics in the design and development of new technology. While highlighting topics including digitalization, risk management, and task analysis, this book is ideally designed for IT professionals, managers, support executives, project managers, managing directors, academicians, researchers, and students seeking current research on the dynamics of human influence in technological projects.

Junior Graphic

Issue 679 March 12-18, 2014

Graphic Communications Group

WAEC in Review

Xlibris Corporation WAEC in Review is a practical intervention strategy in transforming the weakening educational system of Liberia where academic excellence is unceasingly diminishing. LIPACE Pilot Study Guide is not only a landmark achievement in the educational history of Liberia but a remarkable strive towards the proper preparation of Liberian students for future diets of the WAEC exam. As a member of the National Committee of the West African Examinations Council and a Stakeholder in the Liberian Education System, I wish to recommend the use of this study guide to adequately prepare each and every Liberian student for future examinations thereby setting the stage for an easy transition to the emerging West African Senior Secondary Examinations (WASSCE). I am explicitly confident that you will definitely find your journey through this guide very rewarding as you prepare to sit the next WAEC Exam.—David S. Massaquoi, Sr., director of Education, The Salvation Army–Liberia Command Education Secretariat Our students sit the exam in constant fear of proctors and supervisors. They know nothing about the exam and its structure and this fear lead to them failing massively. We need to build the confidence level of our students and help them to study hard and understand the roles of proctors and supervisors to stop the intimidation during the exam. Thanks to LIPACE and the “Turning the Tide” project, we have helped our students achieved an amazing achievement for the first time in the history of Gbarpolu County where all senior students successfully passed the exam.—Lartey Bemah, principal of Bopolu Public School (2012-2013), Gbarpolu County, Liberia

Supervisory Practices adopted by Headmasters of SHSs

and External Supervisors in the Adansi Educational Directorates of Ashanti Region

GRIN Verlag Master's Thesis from the year 2018 in the subject Pedagogy - School Pedagogics, grade: C, Kwame Nkrumah University of Science and Technology (Institute of Distance Learning), course: Educational Innovations and Leadership Science, language: English, abstract: The success of any organization or institution has never been achieved inadvertently. It is realized by putting in place necessary mechanisms among which supervision plays a fundamental role in all the processes. This study was specifically conducted to assess the supervisory practices opted for by supervisors of SHSs in Adansi Education Directorates in the Ashanti Region of Ghana. The study employed mixed method concurrent triangulation design involving both qualitative and quantitative data collection and analysis. Thus questionnaire and interview were the instruments used while Headmasters, teachers, students and External/Circuit supervisors formed the population. The study attested to the fact that effective instructional supervision, both the external and particularly, the internal types are sine qua-non to the achievement of effective and efficient teaching and learning in secondary schools; which in turn translate into higher students' academic achievement. The findings revealed that during supervision, headmasters in particular and external supervisors assessed teachers' scheme of work, lesson plans, instructional times, punctuality, attendance and methods of teachings in the classrooms. They ensured that teachers had the necessary materials for teaching and organized in-service training for teachers to promote effective teaching in their respective schools. It was found that supervisory practices adopted by headmasters and external supervisors depended on performance of students in their terminal and external final exams. The study also discovered that supervisory practices opted for by headmasters in particular, and external supervisors improved teaching and learning process, students' performance in internal terminal and external final exams. It was also revealed that there were inherent challenges posed by teachers, students and government that confront supervision which needs to be urgently addressed through collaborative effort of all stakeholders for the achievement of quality education. The study has recommended that contemporary supervisory models emphasising motivation and autonomy of teachers should be embraced for optimum teacher-output to optimize students' achievement.

New General Mathematics for Junior Secondary Schools

Longman This well-established series, the most popular in Nigeria, has been fully revised to reflect recent developments in mathematics education at junior secondary level and the views of the many users of the books. It has especially been revised to fully cover the requirements of the new NERDC Universal Basic Education Curriculum.

Validating Technological Innovation

The Introduction and Implementation of Onscreen Marking in Hong Kong

Springer This book discusses Hong Kong's use of onscreen marking (OSM) in public examinations. Given that Hong Kong leads the way in OSM innovation, this book has arisen from a recognised need to provide a comprehensive, coherent account of the findings of various separate but linked validation studies of onscreen public examinations in Hong Kong. The authors discuss their experience of the validation process, demonstrating how high-stakes innovation should be fully validated by a series of research studies in order to satisfy key stakeholders.

The Roles of Technology and Globalization in Educational Transformation

IGI Global The emergence of the internet and developments in educational software have changed the way teachers teach and the way students learn. There has been a substantial increase in the quantity, quality, and diversity of educational material available over the internet or through the use of satellite video and audio linkups. These technologies have allowed new learning methods and techniques to reach a greater geographic region and have contributed to the global transformation of education. The Roles of Technology and Globalization in Educational Transformation is an essential academic book that provides comprehensive research on

issues concerning the roles of technology and globalization in educational transformation and the challenges of teaching and learning in various cultural settings and how they were resolved. It will support educational organizations that wish to find, create, or adapt technology for use in their institution. Featuring a broad range of topics such as public administration, educational technology, and higher education, this book is essential for teachers, deans, principals, school administrators, IT specialists, curriculum developers, instructional designers, higher education staff, academicians, policymakers, researchers, and students.

Women of Owu

Ibadan University Press This is an African retelling of Euripides: an unnervingly topical story of a people and a beloved city destroyed by the brutality of war. The play was first performed in Lagos in 2003 under the distinguished director Chuck Mike, and subsequently toured the UK.

Calculator Tutor for Casio fx-991ES/Plus. For the use in Senior High Schools

GRIN Verlag Document from the year 2017 in the subject Mathematics - Miscellaneous, University of Cape Coast (University of Cape Coast), course: Mphil Mathematics Education, language: English, abstract: This is an instruction guide to the Casio fx-991ES/Plus calculator. It gives an overview of the functions of the calculator and presents some exercises to get acquainted with the functions.

Parentology

Everything You Wanted to Know about the Science of Raising Children but Were Too Exhausted to Ask

Simon and Schuster An award-winning scientist offers his unorthodox approach to childrearing: "Parentology is brilliant, jaw-droppingly funny, and full of wisdom...bound to change your thinking about parenting and its conventions" (Amy Chua, author of

Battle Hymn of the Tiger Mother). If you're like many parents, you might ask family and friends for advice when faced with important choices about how to raise your kids. You might turn to parenting books or simply rely on timeworn religious or cultural traditions. But when Dalton Conley, a dual-doctorate scientist and full-blown nerd, needed childrearing advice, he turned to scientific research to make the big decisions. In Parentology, Conley hilariously reports the results of those experiments, from bribing his kids to do math (since studies show conditional cash transfers improved educational and health outcomes for kids) to teaching them impulse control by giving them weird names (because evidence shows kids with unique names learn not to react when their peers tease them) to getting a vasectomy (because fewer kids in a family mean smarter kids). Conley encourages parents to draw on the latest data to rear children, if only because that level of engagement with kids will produce solid and happy ones. Ultimately these experiments are very loving, and the outcomes are redemptive—even when Conley's sassy kids show him the limits of his profession. Parentology teaches you everything you need to know about the latest literature on parenting—with lessons that go down easy. You'll be laughing and learning at the same time.

Values and Valuing in Mathematics Education

Scanning and Scoping the Territory

Springer This engaging open access book discusses how a values and valuing perspective can facilitate a more effective mathematics pedagogical experience, and allows readers to explore multiple applications of the values perspective across different education systems. It also clearly shows that teaching mathematics involves not only reasoning and feelings, but also students' interactions with their cultural setting and each other. The book brings together the work of world leaders and new thinkers in mathematics educational research to improve the learning and teaching of mathematics. Addressing themes such as discovering hidden cultural values, a multicultural society and methodological issues in the investigation of values in mathematics, it stimulates readers to consider these topics in cross-cultural ways, and offers suggestions for research and classroom practice. It is a valuable resource for scholars of mathematics education, from early childhood through to higher education and an inspiring read for all mathematics teachers.

Emerging Africa

How the Global Economy's 'Last Frontier' Can Prosper and Matter

Penguin UK A rare and timely intervention from Kingsley Chiedu Moghalu, Deputy Governor of the Central Bank of Nigeria, on development in Africa. To many, Africa is the new frontier. As the West lies battered by financial crisis, Africa is seen as offering limitless opportunities for wealth creation in the march of globalization. But what is Africa to today's Africans? Are its economies truly on the rise? And what is its likely future? In this pioneering book, leading international strategist Kingsley Moghalu challenges conventional wisdoms about Africa's quest for growth. Drawing on philosophy, economics and strategy, he ranges from capitalism to technological innovation, finance to foreign investment, and from human capital to world trade to offer a new vision of transformation. Ultimately he demonstrates how Africa's progress in the twenty-first century will require nothing short of the reinvention of the African mindset. 'Africans seriously analyzing Africa's opportunities are all too rare. Kingsley Moghalu writes with insight and authority' Paul Collier 'Savvy . . . distinguished' Mark Malloch-Brown 'Unique in the depth of its insight, the ambition of its scope, and the clarity of its argument. Kingsley Moghalu brings a remarkable intellect and his vast experience to this tour de force on Africa's economic transformation. This is a truly weighty contribution to understanding Africa's developmental dilemma and its quest for a more prosperous future' Ngozi Okonjo-Iweala 'Insightful and analytical . . . sheds instructive light on Africa's position in the world. It is a testament to the palpable optimism that encompasses Africa while frankly addressing the myriad challenges that lie ahead for its economic transformation' Shashi Tharoor Kingsley Chiedu Moghalu is Deputy Governor of the Central Bank of Nigeria. He was the Founder and CEO of Sogato Strategies S.A., a global strategy and risk management consulting firm in Geneva, Switzerland. He has previously worked for the United Nations for 17 years in strategic planning, legal, development finance and executive management. His previous books include *Global Justice* and *Rwanda's Genocide*.

Rewards

An Autobiography

African Books Collective Prof. Marian Ewurama Addy is a Professor of Biochemistry. In January 2008 she was appointed President of the Anglican University College of Technology, a newly launched private initiative for higher technical education in Ghana. Professor Addy's interest and extension activities are in bridging the gap between scientific and indigenous knowledge and in the popularisation of science. In her autobiography Ewurama Addy takes us through the various stages of her life, culminating in her rise up the academic ladder and an affirmation of her Christian faith.

Elective Mathematics

Xlibris Corporation

Classroom Mathematics

Learners' book. Grade 8

Public Examinations Examined

World Bank Publications 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

Research Methods in Education

Routledge This fully updated sixth edition of the international bestseller *Research Methods in Education* covers the whole range of methods currently employed by educational research at all stages. It is divided into five main parts: the context of educational research; planning educational research; styles of educational research; strategies for data collection and researching; and data analysis. The book also contains references to a comprehensive dedicated website of accompanying materials. The sixth edition includes new material on: complexity theory, ethics, sampling and sensitive educational research experimental research, questionnaire design and administration with practical guidance qualitative and quantitative data analysis, with practical examples internet based research. *Research Methods in Education* is essential reading for the professional researcher and continues to be the

standard text for students and lecturers in educational research. To access the dedicated website of accompanying materials, please visit: www.routledge.com/textbooks/9780415368780.

Securing the Vote

Protecting American Democracy

National Academies Press During the 2016 presidential election, America's election infrastructure was targeted by actors sponsored by the Russian government. Securing the Vote: Protecting American Democracy examines the challenges arising out of the 2016 federal election, assesses current technology and standards for voting, and recommends steps that the federal government, state and local governments, election administrators, and vendors of voting technology should take to improve the security of election infrastructure. In doing so, the report provides a vision of voting that is more secure, accessible, reliable, and verifiable.

Locke's Education for Liberty

Lexington Books Locke's Education for Liberty presents an analysis of the crucial but often underestimated place of education and the family within Lockean liberalism. Nathan Tarcov shows that Locke's neglected work Some Thoughts Concerning Education compares with Plato's Republic and Rousseau's Emile as a treatise on education embodying a comprehensive vision of moral and social life. Locke believed that the family can be the agency, not the enemy, of individual liberty and equality. Tarcov's superb reevaluation reveals to the modern reader a breadth and unity heretofore unrecognized in Locke's thought.

Factors contributing to academic performance of students in a Junior High School

GRIN Verlag Bachelor Thesis from the year 2018 in the subject Pedagogy - School System, Educational and School Politics, grade: 5 (GHA-System), University of Education (Distance Learning), course: Post Graduate Diploma in Education, language: English, abstract: Students' academic performance is a key feature in education. This study was therefore conducted primarily to assess the factors

contributing to improvement in academic performance of Junior High Students (JHS) in a Basic School which is in the Gomo-East District in the Central Region of Ghana. The mixed and descriptive research design was used and a sample size of 87 respondents (79 students and 8 teachers) were selected through random sampling technique. The findings revealed that the average academic performance (47.0%) of the JHS students in the Basic School is weak and their performance in Mathematics (average score of 31.48%) and English Language (average score of 39.99%) is a fail. It was noticed that student factors that contribute to an improvement in academic performance include; regular studying, self-motivation, punctuality and regular class attendance, hard-work and interest in a subject. The teacher factors were completion of syllabus, use of TLM's, frequent feedback to students and given students special attention. Per the findings, parent factors which was very key was parent showing concern in their children's academics and providing them their academic needs. School factors that were significant included availability of text books and TLM's. The study also found that parent level of education and gender has a positive relationship with academic performance but it's insignificant. However, age has a positive significant (5% significance level) relationship with academic performance. Based on findings, the study recommends that there should be strict monitoring on teachers to vary their teaching methods to suit their needs of the students and also to provide the students with constant feedback on their academic performance. Again, the students should be motivated and orientated to take ownership of their studies by having regular studies and attending school during school days.

Expo '77

University Press Llc

Purple Hibiscus

HarperCollins UK The limits of fifteen-year-old Kambili's world are defined by the high walls of her family estate and the dictates of her fanatically religious father. Her life is regulated by schedules: prayer, sleep, study, prayer.

Educational Assessment in a Time of Reform

Standards and Standard Setting for Excellence in Education

Routledge Educational Assessment in a Time of Reform provides background information on large-scale examination systems more generally and the South African examination specifically. It traces the reforms in the education system of South Africa since 1994 and provides a description of the advances in modern test theory that could be considered for future standard setting endeavours. At the heart of the book is the debate on whether the current standard of education in Africa is good enough. If not, then how can it be improved? The aim of this book is to provide a point of departure for discussions on standard-setting, quality assurance, equating of examinations and assessment approaches. From this point of departure recommendations for practices in general and the exit-level (Grade 12) examination results in particular can be made. This book is ideal reading for principals, teachers, academics and researchers in the fields of educational assessment, measurement, and evaluation.

Always Consumed

CreateSpace In the beginning, you have sex. Lots of it. Then, somewhere in the middle, you lose it. Olivia and Seth are stuck in a rut-a busy, sexless rut-and with Valentine's day fast approaching, Olivia wants to force them out of their comfort zones and into fresher waters. Seth, however, believes the trick to recapturing their passion lies in their beginning. With plans in motion this Valentine's day, Seth and Olivia attempt to rekindle their spark. Does Seth have what it takes to sweep Olivia off her feet all over again? Or is the rut too sticky to pull themselves out of?

Effective Mathematics Teaching from Teachers' Perspectives

Sense Pub What is effective mathematics teaching? This book represents the first purposeful cross-cultural collection of studies to answer this question from teachers' perspectives. It focuses particularly on how teachers view effective teaching of mathematics. Teachers' voices are heard and celebrated throughout the studies reported in this volume. These studies are drawn from many parts

of the world representing both Eastern and Western cultural traditions. The editors and authors have deliberately included the views of teachers and educators from different cultural backgrounds, taking into account that beliefs on effective mathematics teaching and its features are highly influenced by one's own culture. The book will provide readers and scholars with the stimulus to take the ideas presented and expand on them in ways that help improve mathematics education for children, teachers and researchers in both the East and the West.

Making Sense of Adult Learning

University of Toronto Press Learning is an inseparable part of human experience. Understanding how adults learn and applying that expertise to practical everyday situations and relationships opens the window on a broader understanding of the capacity of the human mind. Dorothy MacKeracher's Making Sense of Adult Learning was first published in 1996, and was acclaimed for its readability and value as a reference tool. For the second edition of this essential work, MacKeracher has reorganized and revised many of the chapters to bring the text up-to-date for contemporary use. Concepts are presented from learning-centred and learner-centred perspectives, while related learning and teaching principles provide ideas about how one may enable others to learn more effectively. Written for people preparing to become adult educators, Making Sense of Adult Learning provides background information about the nature of adult learning and the characteristics that typify adult learners. This new edition will be quick to assert its place as the premier guide in the field.

Experience and Nature

Courier Corporation Analysis and evaluation of problem of knowledge, other systems, formulation of law, role of language, social factors.

Harvest of Corruption

Preparing Teachers for a Changing World

What Teachers Should Learn and Be Able to Do

John Wiley & Sons Based on rapid advances in what is known about how people learn and how to teach effectively, this important book examines the core concepts and central pedagogies that should be at the heart of any teacher education program. Stemming from the results of a commission sponsored by the National Academy of Education, *Preparing Teachers for a Changing World* recommends the creation of an informed teacher education curriculum with the common elements that represent state-of-the-art standards for the profession. Written for teacher educators in both traditional and alternative programs, university and school system leaders, teachers, staff development professionals, researchers, and educational policymakers, the book addresses the key foundational knowledge for teaching and discusses how to implement that knowledge within the classroom. *Preparing Teachers for a Changing World* recommends that, in addition to strong subject matter knowledge, all new teachers have a basic understanding of how people learn and develop, as well as how children acquire and use language, which is the currency of education. In addition, the book suggests that teaching professionals must be able to apply that knowledge in developing curriculum that attends to students' needs, the demands of the content, and the social purposes of education: in teaching specific subject matter to diverse students, in managing the classroom, assessing student performance, and using technology in the classroom.

Elective Mathematics for Senior High Schools

This book covers all the topics included in the syllabus for Elective Mathematics at the West African Senior School Certificate Examination. The purpose of this book is to provide students with tools they need to be successful in their elective mathematics course. The material is presented in relevant and easy to understand manner. The step- by- step worked examples and many varied exercises help students build their skills. The concise explanation of concepts makes the book excellent for students preparing for the West African Examinations Council examination in elective mathematics.

Science Education

An International Course Companion

Springer "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."

Teaching Secondary Mathematics

Techniques and Enrichment Units

Pearson Higher Ed Note: This is the loose-leaf version of Teaching Secondary Mathematics and does not include access to the Pearson eText. To order the Pearson eText packaged with the loose-leaf version, use ISBN 0133783677. Teaching Secondary Mathematics, 9/e combines methods of teaching mathematics, including all aspects and responsibilities of the job, with a collection of enrichment units appropriate for the entire secondary school curriculum spectrum to give teachers alternatives for making professional judgments about their teaching performance—and ensuring effective learning. The book is divided into two parts designed to ensure effective teaching and learning: Part I includes a focus on the job of teaching mathematics and Part II includes enrichment activities appropriate for the entire secondary school curriculum. Both the Common Core State Standards and The National Council of teachers of

Mathematics Principles and Standards for School Mathematics are referred to throughout the book. The new Ninth Edition features an alignment with the Common Core State Standards (CCSS), with special focus on the mathematical practices, an updated technology chapter that shows how current tools and software can be used for teaching mathematics, and an updated chapter on assessment showing how to provide targeted feedback to advance the learning of every student.

The blinkards

a comedy

Dynamics of Effective Secondary Teaching

Allyn & Bacon A guide for secondary school teachers covers instruction techniques, curriculum, planning, and classroom management.

The Last Good Man

A man has lived on his own beside a wild, unforgiving coastline for many years. His companions are the birds, the land and the sea. From a choice made long ago, he keeps himself separate from the world of people and he gains a fierce pleasure from his environment. His solitude is broken by his discovery, one early morning on the flat sands of low tide, of a child washed up on the beach, but still alive. This is a novel of redemption, the story of a man experiencing the world as though for the first time.

The Psychology of Arithmetic

DigiCat DigiCat Publishing presents to you this special edition of "The Psychology of Arithmetic" by Edward L. Thorndike. DigiCat Publishing considers every written word to be a legacy of humankind. Every DigiCat book has been carefully reproduced for republishing in a new modern format. The books are available in print, as well as ebooks. DigiCat hopes you will treat this work with the acknowledgment and passion it deserves as a classic of world literature.

Concept-Based Mathematics

Teaching for Deep Understanding in Secondary Classrooms

Corwin Press Give math students the connections between what they learn and how they do math—and suddenly math makes sense. If your secondary-school students are fearful of or frustrated by math, it's time for a new approach. When you teach concepts rather than rote processes, you show students math's essential elegance, as well as its practicality—and help them discover their own natural mathematical abilities. This book is a road map to retooling how you teach math in a deep, clear, and meaningful way—through a conceptual lens—helping students achieve higher-order thinking skills. Jennifer Wathall shows you how to plan units, engage students, assess understanding, incorporate technology, and even guides you through an ideal concept-based classroom. Practical tools include: Examples from arithmetic to calculus Inquiry tasks, unit planners, templates, and activities Sample assessments with examples of student work Vignettes from international educators A dedicated companion website with additional resources, including a study guide, templates, exemplars, discussion questions, and other professional development activities. Everyone has the power to understand math. By extending Erickson and Lanning's work on Concept-Based Curriculum and Instruction specifically to math, this book helps students achieve the deep understanding and skills called for by global standards and be prepared for the 21st century workplace. "Jennifer Wathall's book is one of the most forward thinking mathematics resources on the market. While highlighting the essential tenets of Concept-Based Curriculum design, her accessible explanations and clear examples show how to move students to deeper conceptual understandings. This book ignites the mathematical mind!" — Lois A. Lanning, Author of *Designing Concept-based Curriculum for English-Language Arts, K-12* "Wathall is a master at covering all the bases here; this book is bursting with engaging assessment examples, discussion questions, research, and resources that apply specifically to mathematical topics. Any math teacher or coach would be hard-pressed to read it and not come away with scores of ideas, assessments, and lessons that she could use instantly in the classroom. As an IB Workshop Leader and instructional coach, I want this book handy on a nearby shelf for regular referral – it's a boon to any educator who wants to bring math to life for students." — Alexis Wiggins, Instructional Coach, IB Workshop Leader and Consultant

Ectomycorrhizal Symbioses in Tropical and Neotropical Forests

CRC Press Ectomycorrhizal symbiosis plays a major role in biodiversity and stability of ecosystems in tropical forests. It is a research imperative in tropical and neotropical forest ecosystems because they contain ecologically and economically important tree species. This book provides an overview of the knowledge of ECM symbioses in tropical and neotropical ecosystem forests. The contents address diversity and function of ectomycorrhiza associated with forest plants, impacts of ectomycorrhiza on plant diversity and composition, regeneration and dynamics of ecosystems, biomass production in forestry, and adaptation of ectomycorrhiza.

TIMSS 2011 International Results in Science

New School Chemistry