Educational Assessment in a Time of Reform

Coert Loock 2019-11-28

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, sampling, operating characteristics 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.

Teaching Secondary School Science

Rodger W. Bybee 2014-01-24

This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. Solidly grounded in current recommendations of the National Science Education Standards, this text offers teaching guidance and strategies for physical, biological, and earth science courses for middle school, junior high, and high school. The authors' extensive curriculum development experience imbues the text with a practical focus. Their collective knowledge of the field balances coverage of the theory and research behind the strategies they present. Also, inherent in the text is a description of the role of constructivism in science teaching and the connection between science and society including how technological development is driven by societal needs.

What Kind of Clouds?

Nadia Higgins 2019-05-01

Kids learn to watch the clouds to prepare for the day ahead. Catchy lyrics introduce the types of clouds and the weather they bring, while colorful illustrations support the concepts and make learning about science fun. This hardcover book comes with CD and online music access.

Developing and Validating Test Items

Thomas M. Haladyna 2013-07-18

Since test items are the building blocks of any test, learning how to develop and validate test items has always been critical to the teaching-learning process. As they grow in importance and use, testing programs increasingly supplement the use of selected-response (multiple-choice) items with constructed-response formats. This trend is expected to continue. As a result, a new item writing book is needed, one that provides comprehensive coverage of both types of items and of the validity theory underlying them. This book is an outgrowth of the author’s previous book, Developing and Validating Multiple-Choice Test Items, 3e (Haladyna, 2004). That book achieved distinction as the leading source of guidance on creating and validating selected-response test items. Like its predecessor, the content of this new book is based on both an extensive review of the literature and on its author’s long experience in the testing field. It is very timely in this era of burgeoning testing programs, especially when these items are delivered in a computer-based environment. Key features include ... Comprehensive and Flexible – No other book so thoroughly covers the field of test item development and its various applications. Focus on Validity – Validity, the most important consideration in testing, is stressed throughout and is based on the Standards for Educational and Psychological Testing, currently under revision by AERA, APA, and NCME. Illustrative Examples – The book presents various selected and constructed response formats and uses many examples to illustrate correct and incorrect ways of writing items. Strategies for training item writers and developing large numbers of items using algorithms and other item-generating methods are also presented. Based on Theory and Research – A comprehensive review and synthesis of existing research runs throughout the book and complements the expertise of its authors.

Expo '77

Vincent Chukwuemeka Ike 1991

Investigative Work in the Science Curriculum

Richard Gott 1995

The book considers the place of investigative work in the science curriculum and presents the latest research in this field. The authors consider the theoretical framework which underlies this kind of practical work - what are pupils actually learning and what are we trying to teach them? They argue that the thinking behind the doing of science is at present undervalued and that this is something that needs to be taught. They present innovative ways of focusing teaching on particular aspects of investigations and consider the issue of assessment. The interplay between theory, research and practice will appeal to readers who are involved in secondary science education and who are eager to know more about the present state of knowledge in investigative work in science.

GCE O Level Examination Past Papers with Answer Guides: Biology Tndia Edition

Cambridge International Examinations 2003-12-16

Environmental Science Class XII

The blinkards

Kobina Sekyi 1982

Faceless

Amma Darko 2003

Street life in the slums of Accra is realistically portrayed in this socially-commited, subtle novel about four educated women who are inspired by the plight of a 14-year old girl, Fofu. As the main characters convert their library center into a practical street initiative, the novel invokes the squallor, health risks, and vicious cycles of poverty and violence that drive...
children to the streets and women to prostitution; and, from which, ultimately, no one in the society is free.

High School Physics Unlocked The Princeton Review 2016-11-29 UNLOCK THE SECRETS OF PHYSICS with THE PRINCETON REVIEW. High School Physics Unlocked focuses on giving you a wide range of key lessons to help increase your understanding of physics. With this book, you'll move from foundational concepts to complicated, real-world applications, building confidence as your skills improve. End-of-chapter drills will help test your comprehension of each facet of physics, from mechanics to magnetic fields. Don't feel locked out! Everything You Need to Know About Physics.

- Complex concepts explained in straightforward ways
- Clear goals and self-assessments to help you pinpoint areas for further review
- Bonus chapter on modern physics Practice Your Way to Excellence.
- 340+ hands-on practice questions in the book and online
- Complete answer explanations to boost understanding, plus extended solutions for the most challenging problems
- Bonus online questions similar to those you'll find on the AP Physics 1, 2, and C Exams and the SAT Physics Subject Test High School Physics Unlocked covers:
  - One- and Multi-dimensional Motion
  - Forces and Mechanics
  - Energy and Momentum
  - Gravity and Satellite Motion
  - Thermodynamics
  - Waves and Sound
  - Electric Interactions and Electric Circuits
  - Magnetic Interactions
  - Light and Optics ... and more!

Handbook of Research on Science Teaching and Learning Dorothy Gabel 1994 Sponsored by the National Science Teachers Association, this handbook provides a uniquely comprehensive and current survey of the best reasearch in science education compiled by the most renowned researchers. More than summaries of findings, the content provides you with the context of the research and the implications for new developments, and examines current conflicts, controversies, and issues in the major science disciplines: biology, chemistry, physics, and earth science. New Perspectives in Nigerian Education E. O. A. Ajayi 1990

Public Examinations Examined Thomas Kellaghan 2019-11-19 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 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 we drill extended solutions for the most challenging problems, 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 Motivation in Education Dale H. Schunk 2013-01-03 The academic standard for texts on motivation in educational settings. Clear and engaging, Motivation in Education: Theory, Research, and Applications, Fourth Edition presents the major motivation theories, principles, and research findings in sufficient detail to help students understand the complexity of motivational processes, and provide it provides extensive examples of the application of motivational concepts and principles. The wealth of new research and applications included in this edition allow us to say we have found it essential that students have access to such strong representations of the basic theories and work in the field of motivation. . . . This book goes a long way toward reinforcing the voices of experts who make data-driven decisions about how to foster motivation. . . . There are no available books [on motivation] as excellently crafted as this one." --Theresa A. Thorkildsen, University of Illinois at Chicago "This book is certainly the most comprehensive treatment of motivation. There are several others I have perused but they often take a certain approach to motivation whereas this book covers ALL approaches. The authors present a very complete and unbiased treatment of the literature." --Daniel H. Robinson, University of Texas

New School Chemistry Osei Yaw Ababio 1985

Manifest Your Desires Esther Hicks 2008-06-01 This information-packed little book, which presents the teachings of the nonphysical entity Abraham, will help you learn how to manifest your desires so that you’re living the joyous and fulfilling life you deserve. Each day, you’ll come to understand how your relationships, health issues, finances, career concerns, and more are influenced by the Universal Laws that govern your time-space reality—and you’ll discover powerful processes that will help you go with the positive flow of life. So start making your dreams a reality . . . right now!

The Bariatric Bible CAROLINE BALL 2019-04-30 This comprehensive guide offers advice on the types of surgery on offer and highlights the many diets that are required prior to surgery. Its main focus is on advice and recipes for after surgery to help the post-op patient maximise their best chance of long-term success with weight-loss and better health.

Do Not Go Gentle Into That Good Night Dylan Thomas 2016

Rhythm Planet Tom Schnabel 1998 Public Radio personality Tom Schnabel spotlights giants of the global genre like the late Sufi singer Nusrat Fateh Ali Kahn and
this year's Grammy winner Milton Nascimento, making "Rhythm Planet" both an antidote to the latest flavor of pop and an affirmation of music's power. 125 illustrations, 25 in color.

Women of Owu Femi Osofisan 2006 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.

Elective Mathematics George N. Frempong 2014-05

Political Game Theory Nolan McCarty 2007-01-08 Political Game Theory is a self-contained introduction to game theory and its applications to political science. The book presents choice theory, social choice theory, static and dynamic games of complete information, static and dynamic games of incomplete information, repeated games, bargaining theory, mechanism design and a mathematical appendix covering, logic, linear algebra, and calculus and probability. The methods employed have many applications in various disciplines including comparative politics, international relations and American politics. Political Game Theory is tailored to students without extensive backgrounds in mathematics, and traditional economics, however there are also many special sections that present technical material that will appeal to more advanced students. A large number of exercises are also provided to practice the skills and techniques discussed.

TIMSS 2011 International Results in Science Michael O. Martin 2012-12

Stronger Food and Drug Regulatory Systems Abroad National Academies of Sciences, Engineering, and Medicine 2020-04-09 Ensuring the safety of food and the quality and safety of medicines is an important role of global manufacturing and international trade. By recent estimates, unsafe food kills over 400,000 people a year, a third of them children under 5, mostly in low- and middle-income countries; every year poor quality medicines cause about 70,000 excess deaths from childhood pneumonia and roughly 8,500 to 20,000 malaria deaths in sub-Saharan Africa alone. The Federal Drug Administration (FDA) Office of Global Policy and Strategy is charged with improving capacity of the agency’s foreign counterpart offices and increasing understanding of the importance of regulatory systems for public health, development, and trade. At the request of the FDA, this study sets out a strategy to support good quality, wholesome food and safe, effective medical products around the world. Its goal is to build on the momentum for strengthening regulatory systems and to set a course for sustainability and continued progress. The 2012 report Ensuring Safe Food and Medical Products Through Stronger Regulatory Systems Abroad outlined strategies to secure international supply chains, emphasized capacity building and support for surveillance in low- and middle-income countries, and explored ways to facilitate work sharing among food and medical product regulatory agencies. This new study assess progress made and the current regulatory landscape.

Teen Lives around the World: A Global Encyclopedia [2 volumes] Karen Wells 2019-11-30 This two-volume encyclopedia looks at the lives of teenagers around the world, excerpted from a typical school day to major issues that teens face today, including bullying, violence, sexuality, and social and financial pressures. • Gives readers a glimpse into a typical day in the life of a teen in countries around the world, from wake up time to classes to after school activities • Focuses on interesting facts and anecdotal information • Allows students to make cross-national comparisons of topics such as literacy, education, rights, internet use, and other key issues • Shows a complex picture of new family forms, new gender roles, and declining religious belief with the strong persistence of conservative values

Purple Hibiscus Chimamanda Ngozi Adichie 2012-04-17 "One of the most vital and original novelists of her generation." – Larissa MacFarquhar, The New Yorker From the bestselling author of Americanah and We Should All Be Feminists Fifteen-year-old Kambili and her older brother Jaja lead a privileged life in Enugu, Nigeria. They live in a beautiful house, with a caring family, and attend an exclusive missionary school. They’re completely shielded from the troubles of the world. Yet, as Kambili reveals in her tender-voiced account, things are less perfect than they appear. Although her Papa is generous and well respected, he is fanatic religious and tyrannical at home—a home that is silent and suffocating. As the country begins to fall apart under a military coup, Kambili and Jaja are sent to their aunt, a university professor outside the city, where they discover a life beyond the confines of their father’s authority. Books cram the shelves, curry and masculinity, and their young lives are turned upside down. When they return home, tensions within the family escalate, and Kambili must find the strength to keep her loved ones together. Purple Hibiscus is an exquisite novel about the emotional turmoil of adolescence, the powerful bonds of family, and the bright promise of freedom.

Effective Teaching Methods Gary D. Borich 2013-05-28 In a conversational style, this market-leading text shows how to apply effective, realistic, research-based teaching practices in today’s heterogeneous classrooms. Effective Teaching Methods: Research-Based Practice, 8/E, prepares teachers to meet the many challenges presented by the changing face of the American school and classroom teaching today—and discover opportunities for professional advancement that the changes provide. The content presented is the direct result of years of research and observation of effective teaching practices in actual classrooms. These are the experiences of real teachers in real classroom, showing teachers both what to do to meet today’s teaching challenges, and how to do it. The 8th edition provides readers with new coverage of important topics including Multiple Intelligences, professional learning communities, working with parents, and standardized testing. A new chapter on Technology Integration includes information on 21st century learning technologies, why teaching with technology is important, and assessing technology integration as well as its effectiveness.

Video-Enhanced Pearson eText for Effective Teaching Methods exclusively from Pearson. The Video-Enhanced Pearson eText is: Engaging. Full-color online chapters include dynamic videos that show what course concepts look like in real classrooms, model good teaching practice, and expand upon chapter concepts. Over 29 video links, chosen by our authors and other subject-matter experts, are embedded right in context of the content you are reading Convenient. Enjoy instant online access from your computer or download the Pearson eText App to read on or offline on your iPad and Android tablets.* Interactive. Features include embedded video, note taking and sharing, highlighting and search. Affordable. Experience all these advantages of the Video-Enhanced eText along with all the benefits of print for 40% to 50% less than a print bound book. *The Pearson eText App is available for free on Google Play and in the App Store.* Requires Android OS 3.1 -- 4, a 7" or 10" tablet or iPod iOS 5.0 or newer
the scientist, the perfumer, as well as the interested layman with a vivid and up-to-date picture of the state of the art of the chemistry of odorants and the research in odor perception. The book details on the molecular basis of olfaction, olfactory characterization of perfumery materials, structure-odor relationships, the chemical synthesis of odorants, and the chemistry of essential oils and odorants from the animal kingdom, backed up by ca. 400 perfumery examples and historical aspects. It will serve as a thorough introductory text for all those interested in the molecular world of odors. This book is written for everyone who wants to know more about the molecular basis of odor, and the relationships between chemical structures and olfactory properties. The great structural diversity of odorants, their synthesis, natural occurrence and their structure-odor correlation demonstrate what a fascinating science Fragrance Chemistry indeed is.

Chemistry: An Introduction to the Laboratory James M. Postma 2004-03-12 This clearly written, class-tested manual has long given students hands-on experience covering all the essential topics in general chemistry. Stand alone experiments provide all the basic introduction necessary to work with any general chemistry text. This revised edition offers new experiments and expanded information on applications to real world situations.

AP Philip Michael Sadler 2010 Draws together the most recent and rigorous research on the strengths and weaknesses of the Advanced Placement program. Examines closely the differences between AP and other high school courses, as well as variations among AP courses. In-depth studies gauge the impact of AP coursework on student achievement and college admission rates. Concludes with a comprehensive look at the use of AP information in college admissions. From publisher description. Essentials of Medical Physiology K. Sembulingam 2008-10-01 This is a comprehensive, accessible text that covers the basic principles of Medical Physiology. It is completely up-to-date and includes information on the latest findings in physiology. The text has been beautifully designed and illustrated, and chapters present information in an easy-to-follow and logical style. Parentology Dalton Conley 2014-03-18 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 time-worn 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 to resist 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.

The Potter's Wheel Vincent Chukwemeka Ike 2020-10 This is About a pampered boy, Obuechina Maduabuchi...only brother of five older sisters and a younger one, prize pupil in school, apple of his doting mother's eye, eight years old and hopelessly spoilt. In a vain attempt to salvage his character, his father decides he must be sent away as houseboy to a teacher and his wicked wife.

Science Education Keith S. Taber 2016-12-27 "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 background literature and further readings 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 on science education." The Successors Jerry Agaga 2007

Cambridge O Level Chemistry Bryan Earl 2021-03-26 Fast Feedback Bruce Tulgan 1999-01 FAST stands for Frequent, Accurate, Specific and Timely, and FAST Feedback is a new approach to performance evaluation in sync with today's fast-paced, rapidly changing workplace. FAST can be used in conjunction with or as an alternative to six and twelve month reviews. FAST links training directly with ongoing performance evaluation by keeping employees in a constant feedback loop. There are many ways to implement FAST Feedback in your organization, including the customizable forms included in this pocket guide. Harvest of Corruption Frank Ogodo Ogbeche 2005

Getting Textbooks to Every Child in Sub-Saharan Africa Birger Fredrikse 2015-05-22 Textbooks play a key role in enhancing the quality of learning, especially in the context of low-income Sub-Saharan African (SSA) countries characterized by large class-size, poorly motivated and inadequately trained teachers, and short effective school years. There are also high rates of illiteracy among parents and few reading materials at home for the student to bank on. Despite extensive investments by governments, the World Bank and other development partners, the majority of students in primary and secondary schools in SSA still lack the benefit of access to textbooks and the key reason for this shortage is affordability: textbooks are generally much more costly in SSA than in other developing regions. The need to increase access to key learning resources is of particular urgency because most African countries experience low learning outcomes which in part contributes to a high drop-out rate. Only two-thirds of those who enter school reach the final grade and only about half of these master basic numeracy and literacy skills. And although quality improvement depends on many factors inside and outside the school, there is wide agreement that availability of textbooks is both an indispensable and a cost-effective way of
improving the quality of the learning process. A recent World Bank study examined the actual costs of textbooks, the scope for cost reduction, the portion of a national budget countries allocate to teaching and learning materials (TLMs) and hurdles in the way of making textbooks available to student. Some interesting findings from the study - - The availability of affordable textbooks to all students could be dramatically improved by devoting an estimated 3 to 4 percent of the primary education budget and 6 to 7 percent of the secondary education budget - The production process †“ methods, copyright, length of print runs, effective procurement practices †“ rather than the production costs should be the target of cost saving strategies - The increased integration of ICTs into education in SSA can provide important opportunities for promoting availability of electronic TLMs but electronic TLMs are not a substitute for printed TLMs including textbooks

Homesick in Paradise Theophilus Enemali 2015-11-04 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.