



basic education

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Twenty Years of Education Transformation in Gauteng 1994 to 2014 Maringe, Felix, Prew, Martin, 2015-05-05 Twenty Years of Education Transformation in Gauteng 1994 to 2014 An Independent Review presents a collection of 15 important essays on different aspects of education in Gauteng since the advent of democracy in 1994 These essays talk to what a provincial education department does and how and why it does these things whether it be about policy resourcing or implementing projects Each essay is written by one or more specialist in the relevant focus area The book is written to be accessible to the general reader as well as being informative and an essential resource for the specialist reader It sheds light on aspects of how a provincial department operates and why and with what consequences certain decisions have been made in education over the last 20 turbulent years both nationally and provincially There has been no attempt to fit the book's chapters into a particular ideological or educational paradigm and as a result the reader will find differing views on various aspects of the Gauteng Department of Education's present and past We leave the reader to decide to what extent the GDE has fulfilled its educational mandate over the last 20 years

Science Education in Countries Along the Belt & Road Ronghuai Huang, Bing Xin, Ahmed Tlili, Feng Yang, Xiangling Zhang, Lixin Zhu, Mohamed Jemni, 2022-01-18 This book aims to highlight science education in countries along the Belt and Road It consists of 30 chapters divided into three main parts namely Arab and African countries Asian countries and European countries We invited science education experts from 29 Belt and Road countries to introduce the current status of science education in their countries and the new requirements with the rapid evolution of Information Technology The major contributions of this book include 1 Provide the current status of science education in countries along the Belt and Road as well as the requirement for developing and improving science education in these countries 2 Discuss new insights of science education in future years 3 Inspire stakeholders to take effective initiatives to develop science education in countries along the Belt and Road

Research for Educational Change Jill Adler, Anna Sfard, 2016-06-17 Research for Educational Change presents ways in which educational research can fulfil its commitments to educational practice Focussing its discussion within the context of mathematics education it argues that while research generated insights can have beneficial effects on learning and teaching the question of how these effects are to be generated and sustained is far from evident The question of how to turn research into educational improvement is discussed here in the context of learning and teaching hindered by poverty and social injustice In the first part of the book four teams of researchers use different methodologies while analysing the same corpus of data collected in a South African mathematics classroom In the second part each of these teams makes a specific proposal about what can be done and how so that its research generated insights have a tangible beneficial impact on what is happening in mathematical classrooms Combining two discourses that of researchers speaking to one another and that of researchers communicating their insights to those responsible for educational practice the book deals with the perennial question of communication between those who

study educational processes and those who are directly responsible for teacher education educational research and classroom practices This book will be key reading for postgraduates researchers and academics in education and particularly in the areas of mathematics education education research teacher education and classroom practice It will also appeal to teacher educators practitioners and undergraduate students interested in educational research Proceedings of the

International Conference on Education Research Reza Hosseini, **The Global Testing Culture** William C.

Smith,2016-01-04 The past thirty years have seen a rapid expansion of testing exposing students worldwide to tests that are now more than ever standardized and linked to high stakes outcomes The use of testing as a policy tool has been legitimized within international educational development to measure education quality in the vast majority of countries worldwide The embedded nature and normative power of high stakes standardized testing across national contexts can be understood as a global testing culture The global testing culture permeates all aspects of education from financing to parental involvement to teacher and student beliefs and practices The reinforcing nature of the global testing culture leads to an environment where testing becomes synonymous with accountability which becomes synonymous with education quality Underlying the global testing culture is a set of values identified from the increasing literature on world culture These include education as a human right academic intelligence faith in science decentralization and neoliberalism Each of these values highlights different aspects of the dialogue in support of high stakes standardized testing The wide approval of these values and their ability to legitimate various aspects of high stakes testing reinforces the taken for granted notion that such tests are effective and appropriate education practices However a large body of literature emphasizes the negative unintended consequences teaching to the test reshaping the testing pool the inequitable distribution of school resources and teachers attention and reconstructing the role of the student teacher and parent commonly found when standardized census based tests are combined with high stakes outcomes for educators or students This book problematizes this culture by providing critical perspectives that challenge the assumptions of the culture and describe how the culture manifests in national contexts The volume makes it clear that testing per se is not the problem Instead it is how tests are administered used or misused and linked to accountability that provide the global testing culture with its powerful ability to shape schools and society and lead to its unintended undesirable consequences Improving Primary Mathematics Education, Teaching and Learning Mellony

Graven,Hamsa Venkat,2017-01-19 This book focuses on how to improve the teaching and learning of primary level mathematics education within resource constrained contexts It builds on two large numeracy projects within South Africa which speak to broader global concerns and highlight how research and development not only enables one to meet ethical imperatives but also explore how further interventions can be developed Teacher and research communities must work together to create mutually beneficial relationships and establish a cohesive understanding of the requirements of primary mathematics education The Report: South Africa 2014 Oxford Business Group,2014-12-08 Indeed since the end of

apartheid in 1994 South Africa has become a major diplomatic player both on the African continent as well as further afield. Despite the size of South Africa's economy the country currently faces a number of major economic challenges. As of the end of July 2014 the unemployment rate was at 25.5% according to data from Statistics South Africa which was among the highest in the world. While the government's long term development plans are generally highly regarded delivery and execution has occasionally been problematic. While there are major hurdles that must be cleared given the country's strong institutions and the rapid pace of economic expansion over the past two decades South Africa should be able to look forward to 20 more years of peace and steady sustained economic growth.

Rural Transitions to Higher Education in South Africa Sue Timmis, Thea de Wet, Kibashini Naidoo, Sheila Trahar, Lisa Lucas, Emmanuel Mfanafuthi Mqgwashu, Patricia Muhuro, Gina Wisker, 2021-09-14 This unique and timely book focuses on research conducted into the experiences of students from rural backgrounds in South Africa foregrounding decolonial perspectives on their negotiation of access and transitions to higher education. This book highlights not only the challenges of coming from a rural background against the historical backdrop of apartheid and ongoing colonialism but also shows the immense assets that students from rural areas bring into higher education. Through detailed narratives created by student co-researchers the book charts early experiences in rural communities negotiations of transitions to university and in many cases to urban life and students subsequent journeys through higher education spaces and curricula. The book will be of significant interest and value to those engaged in rurality research across diverse settings those interested in the South African higher education context and higher education more widely. Its innovative participatory methodology will be invaluable to researchers seeking to conduct collaborative research that draws on decolonising approaches.

Southern Resistance in Critical Perspective Marcel Paret, Carin Runciman, Luke Sinwell, 2017-03-27 From the Arab Uprising to anti-austerity protests in Europe and the US Occupy Movement to uprisings in Brazil and Turkey resistance from below is flourishing. Whereas analysts have tended to look North in their analysis of the recent global protest wave this volume develops a Southern perspective through a deep engagement with the case of South Africa which has experienced widespread popular resistance for more than a decade. Combining critical theoretical perspectives with extensive qualitative fieldwork and rich case studies *Southern Resistance in Critical Perspective* situates South Africa's contentious democracy in relation to both the economic insecurity of contemporary global capitalism and the constantly shifting political terrain of post-apartheid nationalism. The analysis integrates worker community and political party organizing into a broader narrative of resistance bridging historical divisions between social movement studies labor studies and political sociology.

Pedagogy in Poverty Ursula Hoadley, 2017-08-09 As South Africa transitioned from apartheid to democracy changes in the political landscape as well as educational agendas and discourse on both a national and international level shaped successive waves of curriculum reform over a relatively short period of time. Using South Africa as a germane example of how curriculum and pedagogy can interact and affect educational outcomes Pedagogy in

Poverty explores the potential of curricula to improve education in developing and emerging economies worldwide and ultimately to reduce inequality Incorporating detailed empirical accounts of life inside South African classrooms this book is a much needed contribution to international debate surrounding optimal curriculum and pedagogic forms for children in poor schools Classroom level responses to curriculum policy reforms reveal some implications of the shifts between a radical progressive approach and traditional curriculum forms Hoadley focuses on the crucial role of teachers as mediators between curriculum and pedagogy and explores key issues related to teacher knowledge by examining the teaching of reading and numeracy at the foundational levels of schooling Offering a data rich historical sociology of curriculum and pedagogic change this book will appeal to academics researchers and postgraduate students in the fields of education sociology of education curriculum studies educational equality and school reform and the policy and politics of education

Transforming Public Education in Africa, the Caribbean, and the Middle East Cynthia S Sunal, Kagendo Mutua, Oluseyi Matthew Odebiyi, 2019-05-01

Public education has expanded to serve large populations across the regions of Africa the Caribbean and the Middle East Many nations in these regions are moving into a phase of public education in which a variety of factors are being identified as influencing the quality of public education and its ability to serve all children and adolescents It has become evident that ethnic background gender religious affiliation and ability disability are important factors in who is served and how well the individual is served The chapters in this volume Book 8 of Research on Education in Africa the Caribbean and the Middle East document and describe the status success and limitations of public education s efforts at transformation They provide points from which further research and practice might occur

Towards Innovative Ways of

Managing Curriculum in Rural Secondary Schools in the Twenty-First Century, 2023-02-17 The majority of South African principals believe that subject heads and Heads of Departments should be in charge of curriculum and teaching monitoring Due to this impression curricular management by principals does not support teaching and learning According to the KZN department of education s study from 2015 on curriculum management and delivery plan principals now spend more time on administrative responsibilities and learner discipline than on topics related to instructional leadership This book emphasizes how major social and economic development in rural areas is necessary in order to achieve actual quality education Until then the educational options available in rural areas will restrict people s ability to live long productive lives and to learn and experience freedom dignity and self respect Contributors are Bongani Thulani Gamede Samantha Govender Nontobeko Prudence Khumalo Azwidohwi Kutame Mncedisi Christian Maphalala Rachel Gugu Mkhasibe Dumisani Wilfred Mncube Ramashego Shila Mphahlele Fikile Mthethwa Edmore Mutekwe Nokuthula Hierso Ndaba Thandiwe Nonkululeko Ngema Phiwokuhle Bongiwe Ngubane Sindile Ngubane and Dumisani Nzima

Summary of Events in Lesotho, 2014

Geriatric Medicine, An Issue of Veterinary Clinics of North America: Equine Practice, E-Book Catherine M. McGowan, 2016-08-02 This issue of Veterinary Clinics of North America Equine Practice focuses on Geriatric Emergencies

Article topics include Demographics of aged horses management preventive care and disease Dental disease in aged horses and its management Musculoskeletal disease in aged horses and its management Ophthalmological disorders in aged horses Integumentary disorders including cutaneous neoplasia in the older horse Cardiac and respiratory disease in aged horses Endocrine disease in aged horses and its management Exercise and rehabilitation of the older horse and more

Corruption and Constitutionalism in Africa Charles M. Fombad, Nico Steytler, 2020-03-12 This collection of essays to focuses on the critical issue of corruption that lies at the heart of the crisis of constitutionalism in Africa Most anti corruption measures over the years have been inadequate serving merely as symbolic gestures to give the impression something is being done The African Union s declaration of 2018 as the African anti corruption year belated though it be is an open recognition by African governments of the impact corruption will have on the continent unless urgent steps are taken The key objective of this volume is to draw attention to the problem of corruption the complexity of the situation with all its multi faceted social political economic and legal dimensions and the need for remedial action *Artificial Intelligence and Blockchain for Future Cybersecurity Applications* Yassine Maleh, Youssef Baddi, Mamoun Alazab, Loai Tawalbeh, Imed Romdhani, 2021-04-30 This book presents state of the art research on artificial intelligence and blockchain for future cybersecurity applications The accepted book chapters covered many themes including artificial intelligence and blockchain challenges models and applications cyber threats and intrusions analysis and detection and many other applications for smart cyber ecosystems It aspires to provide a relevant reference for students researchers engineers and professionals working in this particular area or those interested in grasping its diverse facets and exploring the latest advances on artificial intelligence and blockchain for future cybersecurity applications Artificial Intelligence and Machine Learning for EDGE Computing Rajiv Pandey, Sunil Kumar Khatri, Neeraj Kumar Singh, Parul Verma, 2022-04-26 Artificial Intelligence and Machine Learning for Predictive and Analytical Rendering in Edge Computing focuses on the role of AI and machine learning as it impacts and works alongside Edge Computing Sections cover the growing number of devices and applications in diversified domains of industry including gaming speech recognition medical diagnostics robotics and computer vision and how they are being driven by Big Data Artificial Intelligence Machine Learning and distributed computing may it be Cloud Computing or the evolving Fog and Edge Computing paradigms Challenges covered include remote storage and computing bandwidth overload due to transportation of data from End nodes to Cloud leading in latency issues security issues in transporting sensitive medical and financial information across larger gaps in points of data generation and computing as well as design features of Edge nodes to store and run AI ML algorithms for effective rendering Provides a reference handbook on the evolution of distributed systems including Cloud Fog and Edge Computing Integrates the various Artificial Intelligence and Machine Learning techniques for effective predictions at Edge rather than Cloud or remote Data Centers Provides insight into the features and constraints in Edge Computing and storage including hardware constraints and the technological

architectural developments that shall overcome those constraints **Reconciliation and Building a Sustainable Peace**

Cathy Bollaert, 2019-02-02 This book explores how competing worldviews impact on intergroup relations and building a sustainable peace in culturally diverse societies It raises the question of what happens in a culturally diverse society when competing values and ways of interpreting reality collide and what this means for peace building and the goal of reconciliation Moreover it provides a valuable and needed contribution to how peace building interventions can become more sustainable if tied into local values and embedded in a society's system of meaning making The book engages with questions relating to the extent transitional policies speak to universal values and individualist societies and the implications this might have for how they are implemented in collective societies with different values and forms of social organisation It raises the question of cultural equality and transformation and whether or not this is something that needs to be addressed within peace building theory It argues that inculcating worldview into peace building theory and practice is a vital part of restoring dignity and promoting healing among victims and formerly oppressed groups This book therefore makes an important contribution to what is at best a partially researched topic by providing a deeper understanding of how identity and culture intersect with peace building when seeking to build a sustainable peace **#MeToo and Beyond** M. Cristina

Alcalde, Paula-Irene Villa, 2022-07-26 NiUnaMenos Aufschrei LoSHA Before MeToo became a massive global movement these were the hashtags that represented activists from Ukraine to Peru who demanded accountability for the sexual violence and racism xenophobia and misogyny inflicted on women transgender people and girls Led by activists such as Tarana Burke who popularized the phrase me too these movements provided a call to action for survivors across the world to speak out about their experiences In MeToo and Beyond M Cristina Alcalde and Paula Irene Villa bring together scholars and activists from various backgrounds to approach MeToo from multiple spaces positionalities and areas of expertise many from regions and contexts often overlooked and understudied in the mediascapes of the global North This volume includes perspectives from around the world and touches on diverse topics spanning masculinity studies transgender people's heightened risk of suffering sexual harassment and violence the internal conflict in American Jewish communities as activists began speaking out against prominent members who relied on shared cultural values to shame their victims as well as many other significant aspects of the first all inclusive international effort to end gender based violence The editors and contributors heed Burke's call to amplify marginalized voices so that instead of becoming footnotes these voices guide activists to frame polyphony as central to understanding past current and future forms of gender based violence and resistance The goal of MeToo and Beyond is to examine both profoundly universal and specific experiences of sexual violence as well as the collective effort to stop gender based violence wherever it occurs Activists and scholars will find this book an important and necessary contribution to current and future discussions on sexual violence and global movements **Grade 10 Exam Prep** Duard Le Roux, 2023

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