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Visualisation and Epistemological Access to Mathematics
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Mobile Learning and Mathematics Research in Mathematics
Education in Australasia 2012-2015 How Long Will South
Africa Survive? Improving Primary Mathematics Education,
Teaching and Learning Research for Educational Change
Multilingual Brazil Going to University The Report: South
Africa 2014 Opportunity to Learn, Curriculum Alignment and
Test Preparation Social and Political Dimensions of
Mathematics Education Multilingualism in Mathematics
Education in Africa Recent Developments in Mathematical,
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History and Philosophy of Mathematical Practice Negotiating

2023-09-02

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Volume 3 Recent Trends in Applied Mathematics Politics and
Governance of Basic Education

Visualisation and Epistemological Access to Mathematics Education in Southern Africa

2023-04-27

this book demonstrates that using visualisation processes in mathematics education can help to enhance teaching and learning and bridge the inequality gap that exists between well resourced and under resourced schools in southern africa drawing on classroom research conducted in the southern african region it examines how epistemological access in a context of gross inequality can be constructively addressed by providing research based solutions and recommendations the book outlines the visualisation process as an integral but often overlooked process of mathematics teaching and learning it goes beyond the traditional understanding of visualisation processes such as picture forming and using tools and considers visualisation processes

that are semiotic in nature and includes actions such as gestures in combination with language it adds value to the visualisation in mathematics education research discourse and deliberation in africa with a unique focus on southern africa and open avenues for further research and collaboration in the region it will be a highly relevant reading for researchers academics and post graduate students of mathematics education comparative education and social justice education

Lessons from the Kalahari

2020-05-05

lessons from the kalahari tracking teachers professional development explores how northern cape teachers who were enrolled in a bachelor of education in service course responded to three professional development modules specialising in mathematics education english language teaching and foundation phase teaching respectively mainly

through fine grained analyses of their classroom practice the studies in this volume demonstrate how these teachers grappled with new content knowledge and pedagogical innovations to improve the quality of teaching in their classrooms the chapters include case studies that range across a variety of pedagogical topics including mathematics and english teachers classroom practices involvement of parents of foundation phase learners and learners autonomous mathematics learning the book makes an original empirically based contribution to the understanding of the challenges confronting primary and secondary school teachers in remote rural parts of northern cape province south africa

Mobile Learning and Mathematics

2015-02-11

mobile learning and mathematics provides an overview of current research on how mobile devices are supporting

mathematics educators in classrooms across the globe through nine case studies chapter authors investigate the use of mobile technologies over a range of grade levels and mathematical topics while connecting chapters provide a strong foundational background in mobile learning theories instructional design and learner support for current educators mobile learning and mathematics provides concrete ideas and strategies for integrating mobile learning into their mathematics instruction for example by sharing resources that will help implement common core state standards or by streamlining the process of selecting from the competing and often confusing technology options currently available a cutting edge research volume this collection also provides a springboard for educational researchers to conduct further study

Research in Mathematics Education in

Australasia 2012-2015

2016-06-02

with the ninth edition of the four yearly review of mathematics education research in australasia the mathematics education research group of australasia merga discusses the australasian research in mathematics education in the four years from 2012 2015 this review aims to critically promote quality research and focus on the building of research capacity in australasia

How Long Will South Africa Survive?

2015

in 1977 rw johnson s best selling how long will south africa survive provided a controversial and highly original analysis of the survival prospects of the apartheid regime now after more than twenty years of anc rule he believes the situation has become so critical that the question must be posed again

he moves from an analysis of jacob zuma s rule to the increasingly dire state of the south african economy concluding that the country is heading towards a likely international monetary fund bail out which will in turn lead to a regime change of some kind

Improving Primary Mathematics Education, Teaching and Learning

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

Research for Educational Change

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

Multilingual Brazil

2017-09-22

this book brings together cutting edge work by brazilian researchers on multilingualism in brazil for an english speaking readership in one comprehensive volume divided into five sections each with its own introduction tying together the themes of the book the volume charts a course for a new sociolinguistics of multilingualism challenging long held perceptions about a monolingual brazil by exploring the different policies language resources ideologies and social identities that have emerged in the country s contemporary multilingual landscape the book elucidates the country s linguistic history to demonstrate its evolution to its present state a country shaped by political economic and cultural forces both locally and globally and explores different facets of today s multilingual brazil including youth on the margins and their cultural and linguistic practices the educational challenges of socially marginalized groups and minority

groups efforts to strengthen languages of identity and belonging in addition to assembling linguistic research done in brazil previously little known to an english speaking readership the book incorporates theoretical frameworks from other disciplines to provide a comprehensive picture of the social political and cultural dynamics at play in multilingual brazil this volume is key reading for researchers in linguistic anthropology sociolinguistics applied linguistics cultural studies and latin american studies

Going to University

2018-02-09

around the world more young people than ever before are attending university student numbers in south africa have doubled since democracy and for many families higher education is a route to a better future for their children but alongside the overwhelming demand for higher education questions about its purposes have intensified deliberations

about the curriculum culture and costing of public higher education abound from student activists academics parents civil society and policy makers we know from macro research that south african graduates generally have good employment prospects but little is known at a detailed level about how young people actually make use of their university experiences to craft their life courses and even less is known about what happens to those who drop out this accessible book brings together the rich life stories of 73 young people six years after they began their university studies it traces how going to university influences not only their employment options but also nurtures the agency needed to chart their own way and to engage critically with the world around them the book offers deep insights into the ways in which public higher education is both a private and public good and it provides significant conclusions pertinent to anyone who works in and cares about universities

The Report: South Africa 2014

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

Opportunity to Learn, Curriculum

Alignment and Test Preparation

2016-08-30

this book provides a review of the effectiveness of opportunity to learn otl operationalized as the association between otl and student achievement in addition it presents an elaborate conceptual map in which otl is regarded as part of a larger concept of curriculum alignment major components of this framework are national goals and standards school curricula formative tests textbooks actual delivery of content as part of teaching and summative tests and examinations alignment between educational goals intended and implemented curricula and educational outcomes is considered an important prerequisite for effective education the expectation is that better alignment leads to better student performance the concept of otl is commonly used to compare content covered as part of the implemented curriculum with student

achievement as such it is to be seen as a facet of the broader concept of alignment as it comes to enhancing otl in educational policy and practice proactive curriculum development is compared to a more retroactive orientation legitimate forms of test and examination preparation belong to this retroactive orientation and are seen as favorable conditions for optimizing otl this book reviews the research evidence on the effects of otl on student achievement by means of detailed descriptions of key empirical studies a review of meta analyses a vote count syntheses of 51 empirical studies conducted between 1995 and 2015 and a secondary analysis based on timss 2011 and pisa 2012 data it concludes that the effect size of otl at about 30 is modest but comparable in size to other effectiveness enhancing conditions in schooling the final chapter of the book provides suggestions for educational policy and practice to further optimize otl div

Social and Political Dimensions of Mathematics Education

2016-04-05

this book examines the current thinking on five critical social and political areas in mathematics education it focuses on material conditions in teaching and learning and details features of social life and their influence on mathematics teaching learning and achievement following an introduction the first section addresses equitable access and participation in quality mathematics education it explores this issue in different contexts and from different ideological perspectives the second section traces the emergence and development of the notion of activism in mathematics education in theory in the literature in research and in practice the third section then moves on to explore current research on the political forces at work in identity subjectivity and dis ability within mathematics education showing how emphasis on language

and discourse provides information for this research and how new directions are being pursued to address the diverse material conditions that shape learning experiences in mathematics education economic factors behind mathematics achievement form the topic of section four which examines the political dimensions of mathematics education through the influence of national and global economic structures the final section addresses distribution of power and cultural regimes of truth based on the premise that although often deemed apolitical mathematics and mathematics education are highly political institutions in our society the book concludes with a summary and recommendations for the future

Multilingualism in Mathematics

Education in Africa

2023-12-14

this book brings together the first book collection of african research in mathematics education in multilingual societies

and chronicles current research in different linguistic contexts across the african continent including algeria namibia malawi morocco rwanda south africa on issues of multilingualism in mathematics education but more importantly it foregrounds pertinent issues for future research with many of the authors building on earlier path breaking african research the book is a unique contribution of careful thinking through how linguistic diversity and multilingualism manifest in ways that differ from one geopolitical context to another this volume is an important contribution to the growing recognition of multilingualism as the global linguistic dispensation in mathematics education it is an invitation to how we might as an international community where more and more multilingualism is the norm rather than an exception pay more attention to the multilingual agency and capabilities of both students and teachers in order to better harness the epistemic potential of multiple languages in contexts of language diversity in mathematics education

Recent Developments in Mathematical, Statistical and Computational Sciences

2021-08-29

this book constitutes an up to date account of principles methods and tools for mathematical and statistical modelling in a wide range of research fields including medicine health sciences biology environmental science engineering physics chemistry computation finance economics and social sciences it presents original solutions to real world problems emphasizes the coordinated development of theories and applications and promotes interdisciplinary collaboration among mathematicians statisticians and researchers in other disciplines based on a highly successful meeting the international conference on applied mathematics modeling and computational science ammcs 2019 held from august 18 to 23 2019 on the main campus of wilfrid laurier university waterloo canada the contributions are the results of

submissions from the conference participants they provide readers with a broader view of the methods ideas and tools used in mathematical statistical and computational sciences

Handbook of the History and Philosophy of Mathematical Practice

2017-09-21

while access to higher education has increased globally student retention has become a major challenge this book analyses various aspects of the learning pathways of black students from a range of disciplinary backgrounds at a relatively elite english medium historically white south african university the students are part of a generation of young black people who have grown up in the new south africa and are gaining access to higher education in unprecedented numbers based on two longitudinal case studies negotiating learning and identity in higher education makes a contribution to the debates about how to facilitate access and graduation

of working class students the longitudinal perspective enabled the students participating in the research to reflect on their transition to university and the stumbling blocks they encountered in their senior years the contributors show that the school to university transition is not linear or universal students had to negotiate multiple transitions at various times and both resist and absorb institutional disciplinary and home discourses the book describes and analyses the students ambivalence as they straddle often conflicting discourses within their disciplines within the institution between home and the institution and as they occupy multiple subject positions that are related to the boundaries of place and time each chapter also describes the ways in which the institution supports and or hinders students progress explores the implications of its findings for models of support and addresses the issue of what constitutes meaningful access to institutional and disciplinary discourses

Negotiating Learning and Identity in Higher Education

2021-03-22

this book brings together authors from united states south africa united kingdom china canada and australia to provide insights and case studies from across a range of contexts to explore the interplay between the notions of rurality innovation and education the book reveals a hopeful and resilient approach to innovative rural education and scholarship collectively and provides important evidence to speak against an often deficit view of rural education three patterns are revealed namely the importance of place attentive strategies the importance of joined up alliances to maximise resources and networks and finally the need to utilize alternative methodologies and frameworks that have a starting point of difference rather than deficit for any rural initiative or approach by drawing from international examples

and responding in innovative ways to rural education challenges this book provides an opportunity to share international insights into innovations interventions and partnerships that promote and support rural education in its broadest sense

Rural Education Across the World

2018-06-14

this volume is the first to compile the insights of experienced and informed education researchers and practitioners involved in the delivery of university pathway programs these programs have emerged as effective responses to global national and local students needs when transitioning to higher education the book opens with an overview of the main drivers for the development of university pathway programs and a description of the main characteristics of such programs as well as of the different types of programs available it examines topics such as the way in which policy

and governance issues at the institutional state and federal level affect university pathway programs financial models compliance and quality assurance mechanisms as well as program provision it also looks at how to address issues related to non traditional background students such as those from lower socioeconomic background students for whom english is an additional language eal indigenous students mature age students and humanitarian entrants the volume showcases thirteen university pathway programs offered in australia canada new zealand south africa qatar and the united kingdom these examples provide valuable insights that will help guide future practice in the field as the programs described effectively foster and support the development of students academic literacies study skills and awareness of the socio cultural norms that are necessary to participate successfully in higher education settings in reporting the strategies to overcome challenges in the areas of curriculum development and implementation of equity inclusion and participation of cross sector collaboration and of student

welfare the volume promotes reflection on these issues and therefore better equips those education practitioners embarking on the university pathway program journey

University Pathway Programs: Local Responses within a Growing Global Trend

2021-01-26

the book is the result of a five year project that culminated within the first three years in doctoral research interrogating language competency for meaningful mathematics instruction at upper primary level conducted at university of stellenbosch in 2017 and this book in the succeeding two years the initial research project received countrywide coverage in several south african media outlets including times live and radio 2000

The Language Issue in the Teaching of Mathematics in South Africa

2018-07-26

this book focuses on how to address persistent linguistically structured inequalities in education primarily in relation to south african schools but also in conversation with australian work and with resonances for other multilingual contexts around the world the book as a whole lays bare the tension between the commitment to multilingualism enshrined in the south african constitution and language in education policy and the realities of the dominance of english and the virtual absence of indigenous african languages in current educational practices it suggests that dynamic plurilingual pedagogies can be allied with the explicit scaffolding of genre based pedagogies to help redress asymmetries in epistemic access and to re imagine policies pedagogies and practices more in tune with the realities of multilingual classrooms the

contributions to this book offer complementary insights on routes to improving access to school knowledge especially for learners whose home language or language variety is different to that of teaching and learning at school all subscribe to similar ideologies which include the view that multilingualism should be seen as a resource rather than a problem in education commentaries on these chapters highlight evidence based high impact educational responses and suggest that translanguaging and genre may well offer opportunities for students to expand their linguistic repertoires and to bridge epistemological differences between community and school this book was originally published as a special issue of language and education

Language in Epistemic Access

2019-04-24

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

Values and Valuing in Mathematics

Education

2016-03-22

this volume explores the challenges of teaching and learning science technology engineering and mathematics stem subjects in local languages and local contexts in a range of countries around the world many countries around the world including african countries have been largely excluded from the transformation that is going on in stem pedagogy in the usa where the emphasis is on the importance of language choice and the development of english language learner ell stem subjects in many parts of the world have been taught in a global language mainly english rather than using a local language and local curriculum this creates pedagogical challenges to the teaching of stem the contributions to this book review evidence and arguments for the teaching of stem subjects in local languages and several chapters make this

case that this should be considered a human right both in national educational programs and in development aid working across disciplines and domains has the potential to lead to new understanding and the removal of barriers to progress with the ultimate goal of creating solutions to persistent problems in education cross disciplinary work in science language and literacy has shown much promise and demonstrated the importance of developing language along with disciplinary knowledge this volume provides a deep dive into this topic with articles by several scholars in the field of language in stem jaqueline barber director of the learning design group at the lawrence hall of science university of california berkeley usa in an increasingly technological world stem education has become a priority on national agendas and in educational institutions meaningful access to stem education can enable or hinder young people from gaining entry into the world of work it is against this backdrop that the edited collection human rights and language in stem education needs to be welcomed the various chapters tackle

the big questions of access and many others this edited collection is required reading for all those working in stem and for policy makers who tend to see language and stem as binaries rather than as interdependent zubeida desai professor and dean of education university of the western cape south africa this volume by researchers from 10 countries provides a thought and action provoking multidimensional analysis of issues on the dignity of the use of stem subjects in local education in the perspective of human rights this book is especially recommended to researchers and education policy makers in such areas as stem educational theory and praxis human rights future sustainable development science and technology literacy may it inspire similar volumes in today's politically ebullient world francisco gomes de matos professor emeritus of linguistics human linguistic rights scholar federal university of pernambuco recife brazil

Human Rights in Language and STEM

Education

2016-12-31

this publication contains original research targeting scientific specialists in the field of education through research endeavours grounded on a philosophical basis as well as being embedded in the empirical the research methodology of each chapter emanates from applicable philosophical assumptions in the form of an applicable theoretical and conceptual framework the latter forms a firm basis for the application of sound empiricism the content of this book adds to the body of scholarly knowledge in education in his evaluation of the book acting executive dean faculty of education and training professor akpovire oduaran made the following remarks to a large extent the ideas put together in this book have come from data generated not just from literature found in books and journals but actual interactions

with educators and the learning environment so then what the reader is offered in this volume is the articulation of ideas that have been interrogated structured and presented in surprisingly simplistic and yet incisive and academically enriching content that can match the standards of scholarship that is available in the western world yet what makes this book so welcome relevant and timely is the fact that it is built around afrocentric theories and practices such as one may find in imported literature

A scholarly contribution to educational praxis

2017-04-11

the aim of this book is to better understand the phenomenon of hiv in a country that has faced the fullest might of the disease and yet after first faltering has made more progress than any other country in the world in its response to hiv it aims to reflect the complexity of this narrative and the range

of widely differing insights by featuring what is likely the largest number of contributors in a single publication on the subject in south africa as well as a full spectrum of specialised areas ranging from high end science to personal reflections

Sizonqoba! Outliving AIDS in Southern Africa

2023-08-02

finding effective methods for mosquito control remains one of the great global challenges facing this generation bio mathematics statistics and nano technologies mosquito control strategies brings together experts from a large array of disciplines in order to provide a comprehensive overview of cutting edge techniques to model analyse and combat mosquito transmitted vector borne diseases features includes multiple case studies suitable for scientists and professionals working on methods for mosquito control and epidemiology

provide a much needed focal point for interdisciplinary discussion

Bio-mathematics, Statistics, and Nano-Technologies

2014-05-08

education in the commonwealth caribbean and netherlands antilles provides a contemporary survey of education development and key educational issues in the region the chapters cover anguilla antigua and barbuda the bahamas barbados belize bermuda the british virgin islands the cayman islands dominica grenada guyana jamaica the netherlands antilles aruba bonaire curacao saba saint eustatius and saint maarten montserrat saint kitts and nevis saint lucia saint vincent and the grenadines surinam trinidad and tobago and the turks and caicos islands the book includes discussions of the impact of local regional and global occurrences including social political and geographical events

on education systems and schooling in the region as a whole the book provides a comprehensive reference resource for contemporary education policies in the caribbean and explores some of the problems these countries face during the process of development it is an essential reference for researchers scholars international agencies and policy makers at all levels

Education in the Commonwealth

Caribbean and Netherlands Antilles

2016-05-04

the international handbooks of teacher education cover major issues in the field through chapters that offer detailed literature reviews designed to help readers to understand the history issues and research developments across those topics most relevant to the field of teacher education from an international perspective this volume is divided into two sections the organisation and structure of teacher education

and knowledge and practice of teacher education the first section explores the complexities of teacher education including the critical components of preparing teachers for teaching and various aspects of teaching and teacher education that create tensions and strains the second examines the knowledge and practice of teacher education including the critical components of teachers professional knowledge the pedagogy of teacher education and their interrelationships and delves into what we know and why it matters in teacher education

International Handbook of Teacher Education

2017-10-02

this edited collection presents several research projects which examine issues concerning professional development professional learning and the education for all efa ethos the overall aim of the book is threefold firstly to explore the

consequences for the education profession of efa and how professional development and professional learning may be made manifest as part of an efa practice secondly to examine how efa practices intersect with theoretical notions of efa finally to explore how this intersection of theory and practice is rooted in different anglo american continental and northern european traditions and contexts and their implications for professional development and learning in education underpinning these three foci is a key principle of education as a human right in terms of participation information and capacity building regardless of people s ethnic cultural and religious backgrounds and or physical and intellectual capacities this book illustrates the complex conditions created in the nexus of social justice efa and professional development the contributions highlight the educative nature of multi relationships in so doing tensions opportunities for learning and the power relationships associated with professional development emerge providing a resource for learning about good educational practice authentic social

justice practice and genuine professional learning this book was originally published as a special issue of professional development in education

Professional Development: Education for

All as praxis

2016-07-23

since its establishment in 1976 pme the international group for the psychology of mathematics education is serving as a much sought after venue for scientific debate among those at the cutting edge of the field as well as an engine for the development of research in mathematics education a wide range of research activities conducted over the last ten years by pme members and their colleagues are documented and critically reviewed in this handbook released to celebrate the group s 40 year anniversary milestone the book is divided into four main sections cognitive aspects of learning and teaching content areas cognitive aspects of learning and

teaching transverse areas social aspects of learning and teaching mathematics and professional aspects of teaching mathematics the selection for each chapter of a team of at least two authors mostly located in different parts of the world ensured effective coverage of each field high quality was further enhanced by the scrupulous review of early chapter drafts by two leaders in the relevant field the resulting volume with its compilation of the most relevant aspects of research in the field and its emphasis on trends and future developments will be a rich and welcome resource for both mature and emerging researchers in mathematics education

The Second Handbook of Research on the Psychology of Mathematics Education

2018-02-03

this volume surveys the field of comparative and international

education cie from several globally representative perspectives providing expert analyses on a range of recent trends and important concerns in the cie community worldwide

Annual Review of Comparative and International Education 2017

2023-01-13

in this linguistic ethnography of bilingual science learning in a south african high school the author connects microanalyses of classroom discourse to broader themes of de coloniality in education the book challenges the deficit narrative often used to characterise the capabilities of linguistically minoritised youth and explores the challenges and opportunities associated with leveraging students full semiotic repertoires in learning specific concepts the author examines the linguistic landscape of the school and the beliefs and attitudes of staff and students which produce both coloniality and cracks in the

edifice of coloniality a critical translanguaging lens is applied to analyse multilingual and multimodal aspects of students science meaning making in a traditional classroom and a study group intervention finally the book suggests implications for decolonial pedagogical translanguaging in southern multilingual classrooms

Translanguaging, Coloniality and Decolonial Cracks

2022-09-02

this edited volume examines the thrust toward equity in education for marginalized and out of school youth as well as youth with disabilities in countries located in the global south using a critical cross cultural lens to interrogate the historical empirical and theoretical discourses associated with achieving unesco s equity in education agenda the book showcases the work of scholars from developed and developing nations in examining inclusive education drawing attention to the nature

impact and effects of marginalization the book ultimately demonstrates the ability of education systems in the global south to be innovative and agile despite current resource challenges this text will benefit scholars academics and students in the fields of international and comparative education education policy and inclusion and special educational needs education more broadly those involved with caribbean and latin american studies the sociology of education and diaspora studies in general will also benefit from this volume

Equitable Education for Marginalized Youth in Latin America and the Caribbean

2021-08-23

african countries and south africa in particular being multilingual and multicultural societies make for exciting

sociolinguistic and applied language analysis in order to tease out the complex relationship between language and identity this book applies sociolinguistic theory as well as critical language awareness and translanguaging with its many facets to various communicative scenarios both on the continent and in south africa in an accessible and practical way africa lends itself to such sociolinguistic analysis concerning language identity and intercultural communication this book reflects consciously on the north south debate and the need for us to create our own ways of interpretation emanating from the south and speaking back to the north and on issues that pertain to the south including southern africa aspects such as language and power language planning policy and implementation culture prejudice social interaction translanguaging intercultural communication education gender and autoethnography are covered this is a valuable resource for students studying african sociolinguistics language and identity and applied language studies anyone interested in the relationship between language and society on the african

continent would also find the book easily accessible

Languages, Identities and Intercultural Communication in South Africa and Beyond

2021-01-18

the school to work transition is a critical part of the human life span for young adults their families and society the timing of the transition varies greatly and its co occurrence with a number of other life transitions make it challenging to summarize or generalize individual differences and normative developmental factors as well as external contextual factors such as global pandemics changing economic circumstances workplace demands and cultural shifts intersect to create a range of challenges and opportunities for those navigating this transition written by internationally renowned scholars in developmental psychology applied psychology counseling and

sociology the chapters in this book highlight the trends issues and actions that researchers academics practitioners and policy makers need to consider in order to effectively support young adults transition to work pathways this volume provides an explicitly international perspective on this area broad coverage of psychological topics on the school to work transition and an inclusive focus on sub groups and minority groups making it a must read for those who support young adults as they move from school to work

Young Adult Development at the School-to-Work Transition

2020-04-08

this book education systems around the world is a collection of reviewed and relevant research chapters that offer a comprehensive overview of recent developments in the field of social sciences and humanities the book comprises single chapters authored by various researchers and edited by an

expert active in the field of social studies and humanities all chapters are unique but are united under a common research study topic this publication aims to provide a thorough overview of the latest research efforts by international authors on social studies and humanities and open new possible research paths for further novel developments

Education Systems Around the World

2014-06-13

the prohibition against corporal punishment is an integral part of the broader transformation of south african education the prohibition seeks to replace south africa s violent and authoritarian past with an ethos respectful of human dignity and bodily integrity

Promoting effective enforcement of the

prohibition against corporal punishment in South African schools

2018-09-26

this volume is a forward looking intersection of sociological perspectives on mathematics classrooms and socio political perspectives on mathematics education the first perspective has generated a substantial body of knowledge in the mathematics education interactionist research has deepened our understanding of interaction processes socio mathematical norms and the negotiation of meaning generating a micro sociology or a micro ethnography of the mathematics classroom more recently socio political perspectives on mathematics education interrelate educational practices in mathematics with macro social issues of social equity class and race and with the policies that regulate institutionalized mathematics education this book documents strings together and juxtaposes research that

uses ethnographical classroom data to explain on the one hand how socio political issues play out in the mathematics class on the other hand it illuminates how class race etc affect the micro sociology of the mathematics classroom the volume advances the knowledge in the field by providing an empirical grounding of socio political research on mathematics education and it extends the frame in which mathematical classroom cultures are conceived

Inside the Mathematics Class

2019-12-09

this third volume of the international handbook of mathematics teacher education focuses on teachers teacher educators researchers and others who work to provide effective learning opportunities for teachers with emphasis on describing and analysing their engagement in mathematics teacher education collaborations and contexts from various perspectives

International Handbook of Mathematics

Teacher Education: Volume 3

2021-03-01

this book presents select proceedings of the international conference on applied mathematics in science and engineering amse 2019 various topics covered include computational fluid dynamics applications of differential equations in engineering numerical methods for odes and pdes mathematical modeling and analysis of biological systems optimal control and controllability of differential equations fractional calculus and its applications nonlinear analysis and functional analysis this book will be of interest to researchers academicians and students in the fields of applied sciences mathematics and engineering

Recent Trends in Applied Mathematics

2018-09-21

this is an open access title available under the terms of a cc by nc nd 4 0 international licence it is free to read at oxford scholarship online and offered as a free pdf download from our and selected open access locations all over the world economic inclusion has risen to the top of the development discourse a well performing education system is central to achieving inclusive development but the challenge of improving educational outcomes has proven to be unexpectedly difficult access to education has increased but quality remains low with weaknesses in governance comprising an important part of the explanation the politics and governance of basic education explores the balance between hierarchical and horizontal institutional arrangements for the public provision of basic education using the vivid example of south africa a country that had ambitious goals at the outset of its transition from apartheid to democracy it

explores how the interaction of politics and institutions affects educational outcomes by examining lessons learned from how south africa failed to achieve many of its goals it constructs an innovative alternative strategy for making process combining practical steps to achieve incremental gains to re orient the system towards learning

Politics and Governance of Basic

Education

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