EDUCATION

Rights Title Selection

Fall 2018

Springer Nature – Rights and Permissions
booktranslations@springernature.com
Welcome to the Education Rights Catalogue Fall 2018.

This catalogue features some of our newest books available for translation, introducing you to the broad selection of titles we have available.

If you are interested in any of the titles featured in our Rights Guide, please contact us at the email address below. Provided that the appropriate language rights are available, we will be pleased to send you reading copies to review.

We look forward to working with you,

Springer Nature Rights Team

springernature.com
booktranslations@springernature.com
Islamic Schooling in the West
Pathways to Renewal
M. Abdalla, D. Chown, M. Abdullah (Eds)

- Explores the effectiveness, relevance and contextualisation of Islamic and Arabic studies in Western schools
- Examines the philosophy of Islamic education and the focus on purpose, worldview, and discipline
- Establishes an Islamic pedagogical framework as rubric for current Islamic schools to shape conceptions of Islamic education with hope for deeper connection between religious education as a subject and religious education as pedagogy

This book presents the views of leading scholars, academics, and educators on the renewal of Islamic schools in the Western context. The book argues that as Islamic schools in Western contexts have negotiated the establishment phase they must [...] 

Contents
Chapter 1. The emergence of Islamic Schools: A Contextual Background.- Chapter 2. Muslim Schools in Australia: Development and Transition.- Chapter 3. Towards a hybrid approach to the governance [...] 

Fields of Interest
Religion and Education; Curriculum Studies; Sociology of Education; Islam

University Pathway Programs: Local Responses within a Growing Global Trend
C. I. Agostì, E. Bernät (Eds)

- Fills an important gap in the literature since it is the first known book of its kind in the world
- Examines local responses to a fast-growing global trend
- Presents practitioner-based research leading to best practice in pedagogy

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 [...] 

Contents
Part 1 - University Pathway Programs: a response to global, national and local needs in students' transition to Higher Education.- 1. University Pathway Programs: Types, Origins, Aims and Defining [...] 

Fields of Interest
Higher Education; Study and Learning Skills; Learning and Instruction; International and Comparative Education; Educational Policy and Politics

English Education in Oman
Current Scenarios and Future Trajectories
R. Al-Mahrooqi, C. Denman (Eds)

- Offers a unique and coherent collection of resources about English education in Oman
- Expands readers’ knowledge of the current status and future trajectories of English education in Oman
- Explores areas of English education in Oman that have been little investigated

This book explores an area that has been somewhat overlooked in the literature to date – the current status and future trends of English education in Oman. It offers a variety of theoretical and methodological approaches to the subject and [...] 

Contents
Introduction.- Part I Teacher-centered Issues.- Professionalism by whose Model? Professionalism and Professionalisation of TESOL Teachers through Autonomy or Accountability.- Developing Texts that [...] 

Fields of Interest
Language Education; Teaching and Teacher Education; Learning and Instruction

Series Title
English Language Education

June 2018
XV, 327 p. 4 illus. Hardcover. 148 x 210 mm
£ 99.99 | € 109.99 | $ 119.00
ISBN 978-3-319-73611-2

All Languages Rights Available

June 2018
VI, 285 p. 16 illus. Hardcover. 155 x 235 mm
£ 96.50 | € 109.99 | $ 119.00
ISBN 978-3-319-72504-8

All Languages Rights Available

July 2018
XIV, 322 p. 39 illus. Hardcover. 155 x 235 mm
£ 99.99 | € 109.99 | $ 119.00
ISBN 978-981-13-0264-0

All Languages Rights Available
Technological Pedagogical Content Knowledge
Exploring, Developing, and Assessing TPCK
C. Angeli, N. Valanides (Eds)
• Introduces TPCK as a conceptual framework for grounding research in educational technology
• Serves as an important resource for researchers in educational technology
• Reflects a new direction in understanding complex interactions among content, pedagogy, learning, and technology

Technological pedagogical content knowledge (TPCK) reflects a new direction in understanding the complex interactions among content, pedagogy, learners, and technology that can result in successful integration of multiple technologies in teaching […]

Contents
1. Theoretical Perspectives about the Nature of TPCK.
2. Re-thinking and Re-representing TPCK: Addressing the complexity of teaching with technology.
3. Mapping TPACK and the Teacher Knowledge […]

Fields of Interest
Educational Technology; Learning and Instruction; Assessment, Testing and Evaluation

Dismantling Race in Higher Education
Racism, Whiteness and Decolonising the Academy
J. Arday, H. S. Mirza (Eds)
• Challenges current discourses on racial inequality in higher education and sets out new ways of understanding race and racism in the academy
• Includes contributions from key and emerging scholars in the field
• Explores a range of BME students and academics from across the class spectrum and the issues they face

This book reveals the roots of structural racism that limit social mobility and equality within Britain for Black and ethnicised students and academics in its inherently white Higher Education institutions. […]

Contents
PART I. Let the facts speak: Institutional Racism in Higher Education.
- Chapter 1. The rise and fall in the salience of race equality in higher education; Andrew Pilkington.
- Chapter 2. Race and […]

Fields of Interest
Higher Education; Ethnicity Studies; Sociology of Education; Educational Policy and Politics; Social Structure, Social Inequality

The Material Culture of Multilingualism
L. Aronin, M. Hornsby, G. Kiliańska-Przybyło (Eds)
• Provides cutting-edge research in multilingualism
• The first book on the emerging strand ‘the material culture of multilingualism’
• Gives an original interface of social studies and applied linguistics

This volume provides a unique interface between the material and linguistic aspects of communication, education and language use, and cuts across traditional disciplinary boundaries, drawing on fields as varied as applied linguistics, ethnology. […]

Contents
Preface by Jasone Cenoz.
- Introduction: The Realm of the Material Culture of Multilingualism, Larissa Aronin and Michael Hornsby.
- Part I: Theoretical Issues of the Material Culture of […]

Fields of Interest
Language Education; Multilingualism; Language Teaching; Applied Linguistics

Series Title
Educational Linguistics
Cyber-Physical Laboratories in Engineering and Science Education

- Substantially adds to the discussion about standards to integrate online laboratories in education
- Timely effort to collect all the current developments in this area
- Provides some suggestions for future directions while establishing benchmarks for the community

This volume investigates a number of issues needed to develop a modular, effective, versatile, cost effective, pedagogically-embedded, user-friendly, and sustainable online laboratory system that can deliver its true potential in the national and [...]
Creativity and Critique in Online Learning
Exploring and Examining Innovations in Online Pedagogy
J. Baxter, G. Callaghan, J. McAvoy (Eds)

- Analyses innovation in distance education stimulated by educational technology
- Examines the challenges faced by online teachers and designers of online materials
- Explores various core themes of distance education

This book explores emerging practices in distance education that have been facilitated by the development of educational technology. The volume examines core themes in distance education including online education at scale, embodiment in online [...]
Exploring the Integer Addition and Subtraction Landscape

Perspectives on Integer Thinking

L. Bofferding, N. M. Wessman-Enzinger (Eds)

- First edited book that addresses integer addition and subtraction with a focus on student thinking
- Addresses the use of and usefulness of models and contexts in integer instruction

Over the past few decades there has been increased interest in how students and teachers think and learn about negative numbers from a variety of perspectives. In particular, there has been debate about when integers should be taught and how to …

Contents

Chapter 2: Integer Play and Playing with Integers.
Chapter 3: Students’ Thinking about Integer Open Number Sentences.
Chapter 4: …

Fields of Interest

Mathematics Education; Learning and Instruction

Series Title

Research in Mathematics Education

Networked Learning

Reflections and Challenges

N. Bonderup Dohn, S. Cranmer, J. Sime, M. de Laat, T. Ryberg (Eds)

- Displays the continuing importance of the field of Networked Learning as a critical voice within the field of educational technology
- Presents topics and methodologies for new ways of framing relationships, technology and criticality in education
- Focuses importantly on the nature of learning and interactions

The book is based on nine selected, peer-reviewed papers presented at the 10th biennial Networked Learning Conference (NLC) 2016 held in Lancaster. Informed by suggestions from delegates, the nine papers have been chosen by the editors (who were …

Contents

Traces of Cognition as a Distributed Phenomenon in Networked Learning.
Experience and Networked Learning.
Discursive Effects …

Fields of Interest

Educational Technology; Higher Education; Educational Policy and Politics

Series Title

Research in Networked Learning

Equality and Differentiation in Marketised Higher Education

A New Level Playing Field?

M. Bowl, C. McCaig, J. Hughes (Eds)

- Explores how discourses and practices of marketisation, differentiation and equity are manifested in higher education today
- Exposes the contradictions which arise between equity and an increasingly marketised higher education
- Examines the impact of marketisation on equity and equality in higher education

This edited collection demonstrates how discourses and practices associated with marketisation, differentiation and equality are manifested in UK higher education today. …

Contents

Chapter 1. Diversity and differentiation, equity and equality in a marketised higher education system; Marion Bowl.
Chapter 2. International policies for higher education and their national …

Fields of Interest

Higher Education; Educational Policy and Politics; Administration, Organization and Leadership; Education Economics; Sociology of Education; Education Policy

Series Title

Palgrave Studies in Excellence and Equity in Global Education
Physical Activity and Health Promotion in the Early Years
Effective Strategies for Early Childhood Educators
H. Brewer, M. Renck Jalongo (Eds)

- Combines theory with practical strategies for current and future educators
- Ties in with the national attention paid to the benefits of physical activity for young children

This book focuses on improving well-being among young children. It provides a theoretical base explaining why physical activity is important, and offers practical strategies for increasing health and well-being in early childhood settings. [...] 

Contents
Foreword; Mary Renck Jalongo. Part One: Foundations of Physical Activity and Health Promotion in Early Childhood. 1. Physical Activity and Health Promotion in Early Childhood: Definition, [...] 

Fields of Interest
Early Childhood Education; Child Well-being; Schools and Schooling; Health Promotion and Disease Prevention

Series Title
Educating the Young Child

June 2018
XII, 292 p. 26 illus. Hardcover. 155 x 235 mm
£ 96.50 | € 109.99 | $ 119.00
ISBN 978-3-319-76004-9

All Languages Rights Available

Using Mobile Technologies in the Teaching and Learning of Mathematics
N. Calder, K. Larkin, N. Sinclair (Eds)

- Examines new processes and learning that are afforded by mobile technologies, including apps that have screen-casting and augmented reality features
- Considers the use, quality and impact of mathematics apps and games
- Draws upon international research on the use of mobile technologies in a diverse range of educative settings

Mobile technologies influence the way that we interact with the world, the way that we live. We use them for communication, entertainment, information and research. In education settings, there has been substantial investment in mobile devices, [...] 

Contents
01. Introduction. 02. Mobile Technologies: How might using mobile technologies reshape the learning and teaching of mathematics? Nigel Calder, Kevin Larson and Nathalie Sinclair. - Section One: [...] 

Fields of Interest
Mathematics Education; Educational Technology; Learning and Instruction

Series Title
Mathematics Education in the Digital Era

August 2018
VII, 323 p. 84 illus., 54 illus. in color. Hardcover. 155 x 235 mm
£ 109.99 | € 119.99 | $ 149.99
ISBN 978-3-319-90178-7

All Languages Rights Available

Learning Geography Beyond the Traditional Classroom
Examples from Peninsular Southeast Asia
C. Chang, B. S. Wu, T. Seow, K. Irvine (Eds)

- Includes theoretically informed chapters and practices that are illustrated by examples from a region that is developing a prominent discourse about teaching and learning geography
- Clarifies and documents a representative voice on how geography is taught and learnt outside the classroom across the region
- Describes the thinking, experiences and critical comments concerning two broad area of learning outside the traditional classroom – the field and technology

This book provides a collection of critical pieces that support the idea that good teaching and learning of geography in fieldwork and using technology should consider the dimensions of curriculum design, instructional design and resource [...] 

Contents
1. The where and how of learning Geography beyond the classroom.- 2. Learning in the field: A conceptual approach to field-based learning in Geography.- 3. Teaching geography with technology: A [...] 

Fields of Interest
Learning and Instruction; Geography, general; Curriculum Studies

May 2018
X, 214 p. 50 illus. Hardcover. 155 x 235 mm
£ 79.00 | € 89.99 | $ 99.99

All Languages Rights Available
Engaging in Educational Research
Revisiting Policy and Practice in Bangladesh
R. Chowdhury, M. Sarkar, F. Mojumder, M. M. Roshid (Eds)

- Showcases the paradigm shift now manifesting in Bangladesh's education system by employing 21st century empirical research and contemporary epistemologies
- Shares insights by presenting research conducted on diverse aspects of education in Bangladesh
- Provides evidence-based and critically considered accounts of the present and future of education in Bangladesh

This book reflects the paradigm shift now manifesting in Bangladesh's education system by highlighting recent empirical research. [...]

Contents
1 Education in Bangladesh: Changing contexts and emerging realities.- Section 1 Access, Equity and Quality in Education.- 2 Policy-relevant Education Research: A study of access, quality and [...]
Interventions in Career Design and Education
Transformation for Sustainable Development and Decent Work
V. Cohen-Scali, J. Pouyaud, M. Podgórný, V. Drabik-Podgóńska, G. Aisenson, J. L. Bernaud, I. Abdou Moumoula, J. Guichard (Eds)

- Connects the field of Intervention for Life and Career Design (ILCD) to international UNESCO strategies
- Emphasizes the role of ILCD for development of a more decent world and more sustainable society
- Builds on theoretical models as well as empirical research incomes and case studies to enlighten the role of ILCD

This book is the product of a series of reflections by career counseling and guidance specialists on a question central to society: “How can career and life design interventions contribute to fair and sustainable development and to the […]

Contents
1. The UNESCO Life Long Career Counseling Chair project: main purposes and implemented actions. […]

Fields of Interest
Professional and Vocational Education; Lifelong Learning/Adult Education; Career Skills

Series Title
Lifelong Learning Book Series

Principles of Transversality in Globalization and Education
D. R. Cole, J. P.N. Bradley (Eds)

- Provides a means for addressing the global forces impacting education
- Presents a new, experimental approach to aligning practice, theory and policy in education
- Offers a compelling case for a profound theoretical approach to practical educational contexts

This unique book comprehensively covers the evolving field of transversality, globalization and education, and presents creative, research-based thought experiments that seek to unravel the forces of globalization impacting education.

Pursuing […]

Contents
Chapter 1 Principles of transversality in globalization and education.- Part I Incremental movements in transversality, globalization and education.- Chapter 2 Animist subjectivity.- Chapter 3 […]

Fields of Interest
Sociology of Education; Educational Philosophy; Educational Policy and Politics; International and Comparative Education

High-Stakes Testing
The Impact of the LPATE on English Language Teachers in Hong Kong
D. Coniam, P. Falvey (Eds)

- Explores language benchmarks in the context of high-stakes assessment
- Describes the Hong Kong benchmark test case study and its various methodological approaches
- Describes a 20-year longitudinal study of high-stakes assessment

This book provides a detailed account of the origin, development, administration, revision and subsequent research findings on the benchmarking initiative from 1996-2016. It presents an overall assessment of the initiative’s impact on major […]

Contents
Section I Background to Higher-Stakes Assessment.- 1 Introduction and Background to High-Stakes Assessment.- 2 Research Literature.- 3 Issues in High-Stakes Assessment.- 4 Background to the Hong […]

Fields of Interest
Assessment, Testing and Evaluation; Language Education; Teaching and Teacher Education
Navigating the Changing Landscape of Formal and Informal Science Learning Opportunities
D. Corrigan, C. Buntting, A. Jones, J. Loughran (Eds)

- Brings together international leading researchers of the field
- Considers future possibilities for science learning from the perspective of learners
- Fifth volume to explore culturally responsive ways of assessment

This book presents research involving learning opportunities that are afforded to learners of science when the focus is on linking the formal and informal science education sectors. It uses the metaphor of a “landscape” as it emphasises how the...
Digital Childhoods
Technologies and Children's Everyday Lives
S. J. Danby, M. Fleer, C. Davidson, M. Hatzigianni (Eds)

- Conceptualises how childhood is being constructed in the digital era
- Provides case studies on the ways that young children are currently experiencing their digital childhoods

This book highlights the multiple ways that digital technologies are being used in everyday contexts at home and school, in communities, and across diverse activities, from play to web searching, to talking to family members who are far away. The [...] [Read More]

Contents
Introduction.- 1 Digital childhoods across contexts and countries.- Section 1 Social affordances across time and space in digital contexts.- 2 How families use of video communication technologies [...] [Read More]

Fields of Interest
Early Childhood Education; Educational Technology; Technology and Digital Education

Series Title
International Perspectives on Early Childhood Education and Development

Pluralism in American Music Education Research
Essays and Narratives
D. R. Dansereau, J. Dorfman (Eds)

- The first in-depth discussion of methodological pluralism within music education and its inherent possibilities
- An interrogation of research practices that is music education-specific
- Narratives by music education researchers who are implementing this contemporary approach to research

This volume examines pluralism in light of recent music education research history and pluralistic approaches in practice. Pluralistic research holds the potential to blend frameworks, foundations, methods, and analysis protocols, and leads to a [...] [Read More]

Contents
Introduction: Diana Dansereau and Jay Dorfman.- Part 1.- An overview of the paradigm conflict that has marked education research and influenced music education research - Chad West.- An [...] [Read More]

Fields of Interest
Creativity and Arts Education; Research Methodology; Music

Series Title
Landscapes: the Arts, Aesthetics, and Education

International Students in China
Education, Student Life and Intercultural Encounters
F. Dervin, X. Du, A. Härkönen (Eds)

- Focuses on the often neglected topic of international students studying in China
- Provides a comprehensive overview of the latest research in interculturality and study abroad
- Examines international student experiences through a range of lenses to provide a nuanced view

As the number of international students in Chinese higher education increases steadily, this volume is one of the first to focus on their many and varied experiences. [...] [Read More]

Contents

Fields of Interest
Sociology of Education; Sociology of Education; International and Comparative Education; Studying abroad

Series Title
Palgrave Studies on Chinese Education in a Global Perspective
Early Engineering Learning
L. English, T. Moore (Eds)

- The first book in the underrepresented field of early engineering education
- Explores why engineering experiences are important in young children’s overall development and how engineering is a core component of early STEM learning
- Relevant to engineering education as well as to early mathematics and science learning, and early childhood learning in general

This book addresses engineering learning in early childhood, spanning ages 3 to 8 years. 

Contents
Introduction.- Chapter 1 Early Engineering: An introduction to young children’s potential.- Section 1 Engineering Thinking and Habits of Mind.- Chapter 2 Engineering in the early grades: [...]

Fields of Interest
Early Childhood Education; Engineering/Technology Education; Mathematics Education; Science Education

Series Title
Early Mathematics Learning and Development

Black Women, Academe, and the Tenure Process in the United States and the Caribbean
T. Esnard, D. Cobb-Roberts

- Provides a comparative focus on the situation, experiences and landscapes of tenure for women faculty of color in the United States (US) and the Caribbean
- Explores how stratifying issues such as race, gender, nationality, location and class, intersect to frame the contexts that challenge the performance and professional outcomes for women faculty of color in higher education
- Focuses on institutional diversity that examines differences based on research intensity, the nature of the teaching institutes, experiences based on tenure and non-tenure granting institutions and the varied effects on the careers of female academics

This book explores the meanings, experiences, and challenges faced by Black women faculty that are either on the tenure track or have earned tenure. [...]

Contents

Fields of Interest
Higher Education; Gender and Education; Assessment, Testing and Evaluation

Re-imagining Professional Experience in Initial Teacher Education
Narratives of Learning
A. Fitzgerald, G. Parr, J. Williams (Eds)

- Contributes to political and educational debates on quality in teacher education
- Explores multiple perspectives on professional experience
- Reconceptualises professional experience within initial teacher education programs

This book takes a fresh look at ‘professional experience’ in initial teacher education in Australia. Using collaborative narrative methodologies, the authors critically explore the ways in which one faculty of education engages with schools, [...]

Contents
Chapter 1. Re-imagining professional experience in initial teacher education (Graham Parr).- Chapter 2. Stories from the third space: Teacher educators’ professional learning in a [...]

Fields of Interest
Teaching and Teacher Education; Professional and Vocational Education; Learning and Instruction

June 2018
VIII, 287 p. 63 illus., 54 illus. in color. Hardcover.
155 x 235 mm
£ 96.50 | € 109.99 | $ 119.00

All Languages Rights Available

September 2018
X, 520 p. Hardcover.
148 x 210 mm
£ 74.99 | € 84.99 | $ 109.99
ISBN 978-3-319-89685-4

All Languages Rights Available

July 2018
XII, 213 p. 3 illus. in color. Hardcover.
155 x 235 mm
£ 99.99 | € 109.99 | $ 139.99

All Languages Rights Available
Applied Theatre: Understanding Change
K. Freebody, M. Balfour, M. Finneran, M. Anderson (Eds)

- Provides an accessible understanding of the relationship between Applied Theatre and intent, success, and value
- Offers a variety of perspectives on this relationship through chapters authored by key practitioners and researchers in the field
- Provides key learning for academics, students and practitioners to apply to their own applied theatre work

This volume offers researchers and practitioners new perspectives on applied theatre work, exploring the relationship between applied theatre and its intent, success and value. Applied theatre is a well-established field focused on the social [...]

Contents
What is Applied Theatre Good For? Exploring the Notions of Success, Intent and Impact; Kelly Freebody, Michael Finneran, Michael Balfour and Michael Anderson.- Theories of Change: Cultural Value [...]

Fields of Interest
Creativity and Arts Education; Sociology of Education; Sociology of Culture

Series Title
Landscapes: the Arts, Aesthetics, and Education

July 2018
VII, 189 p. 8 Illus. Hardcover. 155 x 235 mm
£ 79.00 | € 89.99 | $ 99.99
ISBN 978-3-319-78177-8

All Languages Rights Available

The Palgrave Handbook of Textbook Studies
E. Fuchs, A. Bock (Eds)

- Provides a systematic overview to the diverse field of textbook research and its main trends, theoretical concepts, and methodological approaches
- Stimulates new research areas and offers new methodological avenues to do research on textbooks and other educational media
- Enables researchers to contextualize their approaches within the field and to engage them in theoretical and methodological discussions

This volume examines the present status and future trends of textbook studies. Cutting-edge essays by leading experts and emerging scholars explore the field’s theories, methodologies, and topics with the goal of generating debate and providing [...]

Contents

Fields of Interest
Teaching and Teacher Education; Administration, Organization and Leadership

Series Title
Advances in Mathematics Education

August 2018
XVII, 432 p. Hardcover. 155 x 235 mm
£ 179.99 | € 199.99 | $ 239.00
ISBN 978-1-137-53141-4

All Languages Rights Available

Inside the Mathematics Class
Sociological Perspectives on Participation, Inclusion, and Enhancement
U. Gellert, C. Knipping, H. Straehler-Pohl (Eds)

- Combines the issues of pedagogic rights with studies of teacher-student or student-student interaction in the mathematics classroom.
- Brings together highly recognized international scholars in the field of mathematics education.
- Provides an empirical grounding of socio-political research on mathematics education

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 [...]

Contents
Preface Steven Lerman.- Zooming-In: The Sociological Gaze and the Mathematics Classroom (Uwe Gellert).- The Recognition of Pedagogic Rights in Mathematics Classrooms: A Framework for Reflecting [...]

Fields of Interest
Mathematics Education; Learning and Instruction; Study and Learning Skills; Teaching and Teacher Education

Series Title
Advances in Mathematics Education

August 2018
X, 339 p. 37 Illus. Hardcover. 155 x 235 mm
£ 109.99 | € 129.99 | $ 159.99
ISBN 978-3-319-79044-2

All Languages Rights Available
North-South University Research Partnerships in Latin America and the Caribbean
G. Gregorutti, N. Svenson (Eds)

- Examines what motivates collaboration between universities in different countries with distinct socio-cultural and economic development contexts
- Considers barriers and limitations these universities face in carrying out joint research projects
- Explores key factors that appear to have advanced research productivity for these partnerships

This volume examines research productivity within schools in Latin America and the Caribbean (LAC) and presents examples of various successful LAC North-South programs which have propelled university research in the region. Much of the scholarly [...] Contents

International and Comparative Education; Higher Education; Research Methods in Education

Series Title
International and Development Education

The Globalisation of Higher Education
Developing Internationalised Education Research and Practice
T. Hall, T. Gray, G. Downey, M. Singh (Eds)

- Argues for a recalibration of higher education faced with a globalised landscape
- Includes a variety of voices and perspectives from around the globe
- Details the challenges university leaders face when designing global curriculums

This book argues that the neoliberal globalisation of higher education faces a need for recalibration. In light of increased concerns from universities in cultivating globalisation, this volume brings together a multi-ethnic and multilingual team [...] Contents

Part I. Introduction.- Chapter 1. Developing global perspectives: Responding to the state of international education in Australian universities; Greg Downey, Tonia Gray, Timothy Hall, and Michael [...] Fields of Interest
Higher Education; International and Comparative Education; Research Methodology

International Perspectives on the Teaching and Learning of Geometry in Secondary Schools
P. Herbst, U. H. Cheah, P. R. Richard, K. Jones (Eds)

- Presents a wealth of perspectives on how to innovate in teaching geometry
- Offers ideas for conceptualizing studies of geometry instruction and analyzing classroom data

This book presents current perspectives on theoretical and empirical issues related to the teaching and learning of geometry at secondary schools. It contains chapters contributing to three main areas. A first set of chapters examines [...] Contents

Section 1: Mathematical, Epistemological, and Curricular Perspectives.- Thinking About The Teaching of Geometry Through the Lens of Geometrical Work and Geometrical Paradigms.- Epistemological [...] Fields of Interest
Mathematics Education; Geometry; Teaching and Teacher Education; Study and Learning Skills; International and Comparative Education

Series Title
ICME-13 Monographs
Utilizing Learning Analytics to Support Study Success
D. Ifenthaler, D. Mah, J. Y. Yau (Eds)

- Features contributions from distinguished international researchers
- Emphasizes theoretical perspectives, innovative technologies, implementation, and assessment strategies for learning analytics in higher education
- Highlights case studies that show innovative approaches of learning analytics in higher education

Students often enter higher education academically unprepared and with unrealistic perceptions and expectations of university life, which are critical factors that influence students’ decisions to leave their institutions prior to degree […]

Contents
Part I: Theoretical perspectives linking learning analytics and study success.- Part II: Technological innovations for supporting student learning.- Part III: Issues and challenges for […]

Fields of Interest
Educational Technology; Learning and Instruction
Teaching and Learning Secondary School Mathematics
Canadian Perspectives in an International Context
A. Kajander, J. Holm, E. J. Chernoff (Eds)

- Provides a synopsis of recent research around secondary level mathematics teaching and learning
- Bridges the well-known gap between mathematics education research and practice
- Situates and critiques the selected works in a broader international context

This volume brings together recent research and commentary in secondary school mathematics from a breadth of contemporary Canadian and International researchers and educators. It is both representative of mathematics education generally, as well […]

Contents
Front matter.- Series Preface (Gabriele Kaiser and Bharath Sriraman).- Preface. A northern vision of mathematics education (Ann Kajander, Jennifer Holm and Egan J. Chernoff).- Foreword (Edward […]

Fields of Interest
Mathematics Education; Learning and Instruction; Teaching and Teacher Education

Series Title
Advances in Mathematics Education

Dynamic Learning Spaces in Education
V. Kapur, S. Ghose (Eds)

- Provides comparative views on dynamic learning spaces through discussions from different countries
- Creates balance between theoretical discussions and practical implementation
- Includes voices from the field discussing interesting case studies

This volume discusses the need for a major paradigm shift in educational practice in the current digital and globalized world. It establishes a bridge between theory and praxis and revisits the objectives of learning and its modalities within the […]

Contents

Fields of Interest
Learning and Instruction; Sociology of Education; Child and School Psychology

Structuring the Thesis
Matching Method, Paradigm, Theories and Findings
D. Kember, M. Corbett (Eds)

- Challenges the conventional thesis structure designed for the scientific method
- Offers examples of thesis structures suited to the methods, theories and paradigms employed by the social sciences and humanities
- Equips readers to structure theses that are more readable, coherent and logically presented

The book is a collective investigation of the structuring of theses in education, the social sciences and other disciplines that commonly do not follow the standard procedures of the scientific method. […]

Contents

Fields of Interest
Higher Education; Learning and Instruction; Methodology of the Social Sciences; Research Methodology
Reading and Dyslexia
From Basic Functions to Higher Order Cognition
T. Lachmann, T. Weis (Eds)

- Includes contributions from pioneers and leading researchers in the field
- Covers theories on reading and dyslexia as well as remediation approaches
- Follows approaches from basic perception to higher order functions

In this volume a group of well-known experts of the field cover topics ranging from basic visual and auditory information processing to higher order cognition in reading and dyslexia, from basic research to remediation approaches and from [...]

Contents
Introduction, Thomas Lachmann.- Part I: Literacy Acquisition and Skilled Reading in Different Orthographies.- The Methods Issue Revisited: From a Developmental and a Socio-Cultural-Political [...]

Fields of Interest
Language Education; Cognitive Linguistics; Cognitive Psychology; Psycholinguistics

Series Title
Literacy Studies

Unsung Legacies of Educators and Events in African American Education
A. D. Lewis, N. A. Taylor (Eds)

- Puts forward culturally relevant teachers and positive African American role models in diverse schools across the country, along with the significance of the educators and events chosen for selection in the subsequent chapters
- Highlights five cases that led to historic Brown vs. Board of Education, with critical analysis of their role in contributing to the growth and development of education in the African American community
- Explores the accomplishments and historical significance of Sabbath schools, HBCU Laboratory Schools, and African American boarding schools

This book provides an exploration of African American educators and events that have shaped the field of education without receiving national prominence. The book highlights individuals and events that have established and sustained education in [...]

Contents

Fields of Interest
Ethnicity in Education; Gender and Education; History of Education

Reimagining Christian Education
Cultivating Transformative Approaches
J. M. Luetz, T. Dowden, B. Norsworthy (Eds)

- Offers a wide range of perspectives and topics on lifelong learning within a Christian framework collated into a single volume
- Addresses a gap in current literature on the practical applicability of Christian values to educational contexts, which extends past traditional learning institutions to other ‘real-world’ professional and non-professional contexts and environments

This book is an arresting interdisciplinary publication on Christian education, comprising works by leading scholars, professionals and practitioners from around the globe. [...]

Contents
1 Calling teachers: “To shine like the stars of heaven”.- 2 Modelling our teaching on the Jesus of the Gospels.- 3 Wide-awareness in the world: Reimagining Bible engagement in Christian education [...]

Fields of Interest
Religion and Education; Christian Theology; Religion and Society; Philosophy of Education; Educational Philosophy; Lifelong Learning/Adult Education
Educating for Creativity within Higher Education
Integration of Research into Media Practice
P. McIntyre, J. Fulton, E. Paton, S. Kerrigan, M. Meany

- Proposes insights into how to prepare students for employment in the global creative industries
- Poses the question ‘can creativity be taught’?
- Explores what creativity ‘is’ in the context of research

This book provides innovative insights into how creativity can be taught within higher education. Preparing students for employment in a dynamic set of global creative industries requires those students not only to be resilient and [...] contents
Chapter 1. Setting the Scene.- Chapter 2. Deep Background to the Project.- Chapter 3. The Evolution of a Psychology of Creativity.- Chapter 4. Towards a Sociology of Creativity.- Chapter 5. [...] fields of interest
Higher Education; Creativity and Arts Education; Educational Technology; Learning and Instruction

series title
Creativity, Education and the Arts

July 2018
XIX, 240 p. 5 illus. Hardcover. 148 x 210 mm
£ 64.99 | € 74.99 | $ 89.99
ISBN 978-3-319-90673-7

All Languages Rights Available

Refugee Background Students Transitioning Into Higher Education
Navigating Complex Spaces
L. Naidoo, J. Wilkinson, M. Adoniou, K. Langat

- One of the first books to explore the experiences of refugee youth transitioning into higher education in host nations
- Pursues an asset based approach to refugee education
- Employs the voices of refugee background student as they recount their experiences of navigating the higher education system
This book is one of the first of its kind to examine the aspirations of refugee background students and accompanies them as they journey through the on-shore stage of settlement, enrolment and participation in the Australian education system. [...] contents
1 Contextualising the complex spaces of refugee youth transition into higher education.- 2 Forced migration and displacement: Understanding the refugee journey.- 3 Prior life experiences.- 4 The [...] fields of interest
Higher Education; Educational Policy and Politics; Sociology of Education

series title
Lecture Notes in Educational Technology

June 2018
XIII, 202 p. 25 illus. Hardcover. 155 x 235 mm
£ 79.99 | € 89.99 | $ 99.99

All Languages Rights Available

An Analysis of Two Decades of Educational Technology Publications
Who, What and Where
G. Natividad, J. M. Spector, N. Evangelopoulos

- Provides a comprehensive and up-to-date review of educational technology research articles
- Presents a clustered analysis showing the trends over the last 20 years
- Discusses the leading authors and journals in the subject area

This book presents a challenging and multi-faceted research project that required state-of-the-art methodological approaches. [...] contents
Chapter 1: Introduction.- Chapter 2: The Ten Journals Selected for the Study.- Chapter 3: How Was the Data Collected and Analyzed?- Chapter 4: Research Questions and Their Answers.- Chapter 5: [...] fields of interest
Educational Technology; Technology and Digital Education; Computers and Education

series title
Lecture Notes in Educational Technology
Learning Cities
Multimodal Explorations and Placed Pedagogies
S. Nichols, S. Dobson (Eds)

- Presents a compelling argument for seeing city environments as contexts for learning and for research into learning
- Provides detailed descriptions of innovative methodologies used to research learning in urban and suburban environments
- Builds bridges between the often-separated educational and social activist perspective

This book is an interdisciplinary text exploring the learning and educative potentials of cities and their spaces, including urban and suburban contexts, at all stages of life. [...] 

Contents
1 Learning cities: Introduction.- Part 1 Multimodal explorations of the city.- 2 Researching and photographing cities: Getting started.- 3 Coming to our sense: Multiculturalism, urban sociology, [...]

Fields of Interest
Sociology of Education; Learning and Instruction

Series Title
Cultural Studies and Transdisciplinarity in Education

Mathematical Competencies in Mathematics Education
M. Niss, T. Højgaard

- Provides a unique update on the present status of competency approach in mathematics education
- Offers suggestions for future research and development projects
- Focuses on hands on real life applications of mathematics education research

This book provides an in-depth analysis of the use of a set of mathematical competencies to develop mathematics education. A previous analysis carried out for a Danish audience (Niss & Jensen, 2002) provides a central case study for analysis and [...] 

Contents
Background and Setting.- Historical and conceptual background.- Different notions of curriculum and approaches to curriculum development in mathematics education.- What is the task?- A [...] 

Fields of Interest
Mathematics Education; Curriculum Studies

Series Title
Mathematics Education Library

Rethinking Campus Life
New Perspectives on the History of College Students in the United States
C. A. Ogren, M. A. VanOverbeke (Eds)

- Examines the historiography of American college students and the extracurriculum in the thirty years since the publication of Helen Horowitz’s Campus Life
- Explores college student life among latino and LBGTQ communities as well as African American students at HBCUs and PWIs from the nineteenth through the twenty-first centuries
- Outlines common themes and strands in campus life across chronological periods, diverse student groups, and institutional types, and discusses how the collection refines, challenges, expands, and/or critiques Horowitz’s work.

This edited volume explores the history of student life throughout the nineteenth and twentieth centuries. [...] 

Contents
1. Introduction: Rethinking Campus Life.- 2. Trends in the Historiography of American College Student Life: Populations, Organizations, and Behaviors.- 3. "We Are Not So Easily To Be Overcome": [...] 

Fields of Interest
History of Education; Higher Education; Sociology of Education

Series Title
Historical Studies in Education
Reading Achievement and Motivation in Boys and Girls: Field Studies and Methodological Approaches

P. Orellana García, P. Baldwin Lind (Eds)

- Includes contributions from international leading researchers in the field
- Illustrates reading motivation studies from a multidimensional perspective addressing variables such as cognitive, emotional and educational issues
- Includes figures and tables that clearly illustrate boys’ and girls’ behaviour regarding reading motivation

This volume links theoretical and instructional approaches on how reading is motivated and assessed, and examines the interrelationship between reading motivation and achievement among boys and girls in culturally and geographically different [...]
Professional and Support Staff in Higher Education
C. Bossu, N. Brown (Eds)

- Bridges theory and practice in various aspects of higher education
- A generational work for a comprehensive and utilitarian look at higher education
- Comprehensive coverage of ideas and approaches that are applicable anywhere in the world

This volume, Professional and Support Staff in Higher Education, is focused on the issues and experiences of professional and support staff in higher education. [...] 

Contents

Fields of Interest
Higher Education; Administration, Organization and Leadership; International and Comparative Education

Series Title
University Development and Administration

Interreligious Pedagogy
Reflections and Applications in Honor of Judith A. Berling
J. E. S. Park, E. S. Wu (Eds)

- Provides theoretical frameworks for engagements across conventional borders
- Explores how collaborative learning model can be utilized in various teaching settings
- Explores interreligious pedagogy with considerations of social, political, ecological, and cultural power dynamics

This volume is a collection of essays by former students of Judith Berling based on her revolutionary interreligious pedagogy. Her pedagogy can be summarized as a student centered, collaborative, and engaging teaching and learning process sparked [...] 

Contents
Chapter 1 Introduction. - Chapter 2 Teaching and Learning Religion with Nones: an Application of Judith Berling's Pedagogy. - Chapter 3 Crossing Disciplines: Beyond Religious Studies and the Health [...] 

Fields of Interest
Religion and Education; Comparative Religion; Spirituality

Series Title
Asian Christianity in the Diaspora

Higher Education and Regional Development
Tales from Northern and Central Europe
R. Pinheiro, M. Young, K. Šima (Eds)

- Highlights the wider infrastructure required so that universities can develop relationships with local communities
- Emphasises the importance of building connections outside of academia, especially for institutions which are on the periphery
- Analyses how higher education can develop more regional bonds using the benefits of modern communication and strategies

This book analyses the role of universities as critical actors in the socio-economic development of peripheral regions in Norway and the Czech Republic. Examining the ambiguities of the traditional mission of a university in comparison to [...] 

Contents
Chapter 1. University Complexity and Regional Development in the Periphery. - Chapter 2. Geography vs University Functions-Regionally Based Networks: [...] 

Fields of Interest
Higher Education; International and Comparative Education; Regional Development; Administration, Organization and Leadership; Education Policy

Series Title
Palgrave Studies in Global Higher Education

September 2018
36 illus., 28 illus. in color. eReference. 155 x 235 mm
£ 263.00 | € 299.99 | $ 369.00
ISBN 978-981-10-6858-4

All Languages Rights Available

July 2018
XV, 134 p. 3 illus. Hardcover. 148 x 210 mm
£ 54.99 | € 59.99 | $ 69.99
ISBN 978-3-319-91505-0

All Languages Rights Available

June 2018
XVII, 218 p. 12 illus., 8 illus. in color. Hardcover. 148 x 210 mm
£ 79.00 | € 89.99 | $ 99.99
ISBN 978-3-319-78642-1

All Languages Rights Available
Teaching Science with Context
Historical, Philosophical, and Sociological Approaches
M. E. d. B. Prestes, C. C. Silva (Eds)

- Provides successful examples of uses of history, philosophy and sociology of science in science education in Ibero-America
- Explores teaching learning sequences using history and philosophy of science
- Presents examples of best practices and teaching strategies

This book offers a comprehensive overview of research at the interface between History, Philosophy and Sociology of Science (HPSS) and Science Teaching in Ibero-America.

Contents
Introduction.- RATIONALE.- 1. Critical and Transformative Education of Teachers: A Rationale for History and Philosophy of Science in Teacher Education, Breno Arsioli Moura, and Cibelle Celestino [...] 

Fields of Interest
Science Education; Teaching and Teacher Education; Educational Philosophy; International and Comparative Education; Learning and Instruction

Series Title
Science: Philosophy, History and Education

August 2018
XXI, 439 p. 63 illus. Hardcover.
155 x 235 mm
€ 110,00 | € 124,99 | $ 139.00
ISBN 978-3-319-74035-5
All Languages Rights Available

Mathematics Lesson Study Around the World
Theoretical and Methodological Issues
M. Quaresma, C. Winsløw, S. Clivaz, J. P. da Ponte, A. Ni Shúilleabháin, A. Takahashi (Eds)

- Provides an overview of the current research on mathematics lesson study
- Discusses the implications of regional and national differences

This book introduces the specifics of mathematics lesson study with regard to regional/national particularities, discussing the methodological and theoretical tools that can be used to pursue research on lesson study (its forms, contents, effects [...] 

Contents
Introduction.- Lesson Study and Teaching Mathematics through Problem Solving: The Two Wheels of a Cart.- Mathematics Education Lesson Study in Japan from Historical, Community, Institutional and [...] 

Fields of Interest
Mathematics Education; Teaching and Teacher Education; Curriculum Studies; Learning and Instruction; International and Comparative Education

Series Title
ICME-13 Monographs

May 2018
VIII, 174 p. 16 illus. Hardcover.
155 x 235 mm
£ 79,00 | € 89,99 | $ 99.99
ISBN 978-3-319-75695-0
All Languages Rights Available

Mathematics Education in Brazil
Panorama of Current Research

- Presents for the first in English an overview of the research developed by the strongest Mathematics Education community in Latin America
- Covers a wide range of topics, including educational technologies, teacher education, cognitive and linguistic processes, philosophy and history of Mathematics Education
- Provides useful resources for international and comparative studies in Mathematics Education

This book presents, for the first time in English, the state of the art of Mathematics Education research in Brazil, a country that has the strongest community in this field in Latin America. [...] 

Contents
Chapter1: To think in a new way in mathematics education.- Chapter2: 1, 2: What did we do? 3, 4: Let’s learn some more! Research on early schooling mathematics education in Brazil.- Chapter3: [...] 

Fields of Interest
Mathematics Education; Mathematics, general; International and Comparative Education; Educational Technology; Teaching and Teacher Education

August 2018
XV, 289 p. 3 illus., 1 illus. in color. Hardcover.
155 x 235 mm
£ 99,99 | € 109,99 | $ 139.99
ISBN 978-3-319-93454-9
All Languages Rights Available
The Art of Co-Creation
A Guidebook for Practitioners
B. R. Rill, M. M. Hämäläinen

- Offers a foundation for new educational programs in facilitating co-creation
- Builds upon existing knowledge to help practitioners more effectively tap into the potential of the teams they work with
- Provides an integrative model that enables and empowers facilitators to bring together cross-disciplinary principles into a powerful framework for collective creativity

This book illustrates how to design and implement co-creation, a powerful form of collective creativity that harnesses the potential of teams and can generate breakthrough insights. Skilled leaders and facilitators can utilize this approach to [..]

Contents

Fields of Interest
Professional and Vocational Education; Consulting, Supervision and Coaching; Design, general

Current Research in Bilingualism and Bilingual Education
P. Romanowski, M. Jedynak (Eds)

- Brings studies by specialists in the field, covering theory, policy and practice
- Includes studies from various countries and continents
- Offers insights on all aspects of bilingualism from language acquisition, to teaching and learning

This book covers research topics in bilingual education, language policies, language contact, identity of bilingual speakers, early bilingualism, heritage languages, and more, and provides an overview of current theory, research and practice in [..]

Contents
Introduction - Part I: LANGUAGE ACQUISITION AND LINGUISTIC ASPECTS OF BILINGUALISM - Strategies of communication in an NNB family - on the way to bilingual maintenance in a monolingual context - [..]

Fields of Interest
Educational Policy and Politics; Multilingualism; Language Education; Language Policy and Planning

Series Title
Multilingual Education

Achieving Equity and Quality in Higher Education
Global Perspectives in an Era of Widening Participation
M. Shah, J. McKay (Eds)

- First major study of equity and excellence in an era of widening participation
- Draws on global case studies from Africa, Australia, Canada, New Zealand, the UK and the US
- Explores the ways institutions are raising equity aspirations whilst maintaining academic standards

Across the world, higher education is witnessing exponential growth in both student participation and types of educational providers. One key phenomenon of this growth is an increase in student diversity: governments are widening access to higher [..]

Contents
Chapter 1. Leadership for institutional change to promote diversity and success; Liz Thomas - Chapter 2. Vertically Segregated Higher Education and the Life Course: Comparing Patterns over 28 [...]

Fields of Interest
Higher Education; Educational Policy and Politics; Administration, Organization and Leadership; International and Comparative Education; Assessment, Testing and Evaluation

Series Title
Palgrave Studies in Excellence and Equity
The Natural World and Science Education in the United States
A. Sharma, C. Buxton

- Critiques the production of nature through school science to denormalize the dated representations for current and future students
- Presents nature in ways that match current scientific understanding of life on Earth in current Anthropocene era—epoch of time that began when humans started to exert significant impact on the Earth's ecosystems on a global scale
- Paves the way for improved curricular material, better preparation of science teachers and more scientifically accurate instruction about nature in schools

This book focuses on the representation of nature in science education in schools in the United States. Given the importance of our relationship with the nonhuman world for the fate of our planet, this work gives special attention to the [...]
**Language Policy and Language Acquisition Planning**
M. Siiner, F. M. Hult, T. Kupisch (Eds)

- Constitutes a unique attempt to bridge studies in language acquisition with studies of language planning
- Addresses the urgent question of how language policies affect the conditions for becoming and remaining multilingual
- Includes examples of language acquisition planning from different sociolinguistic settings in countries in Asia, Europe and America

In the sociopolitics of language, sometimes yesterday’s solution is tomorrow’s problem. This volume examines the evolving nature of language acquisition planning through a collection of papers that consider how decisions about language learning [...]

**Contents**
Situating language acquisition, Siiner, Maarja, Hult, Francis M. and Kupisch, Tanja.- PART I BASIC AND SECONDARY EDUCATION. “It is just natural” A Critical Case Study of Family Language Policy in [...]

**Fields of Interest**
Language Education; Language Policy and Planning; Multilingualism; Educational Policy and Politics

**Series Title**
Language Policy

---

**Distance Learning, E-Learning and Blended Learning in Mathematics Education**
International Trends in Research and Development
J. Silverman, V. Hoyos (Eds)

- Builds on current and emerging research on distance learning, e-learning, and blended learning in mathematics teaching and learning
- Tests the boundaries of what is known in connection with recent research and development in online teaching and learning
- Written by leaders and innovators in the field, with an international perspective

This book builds on current and emerging research in distance learning, e-learning and blended learning. Specifically, it tests the boundaries of what is known [...]

**Contents**
CHAPTER 1: Research on Technologically Mediated Mathematics Learning at a Distance: An Overview and Introduction.- SECTION I: E-learning and Blended Learning of Mathematics.- CHAPTER 2: The [...]

**Fields of Interest**
Mathematics Education; Technology and Digital Education; Educational Technology; Learning and Instruction

**Series Title**
ICME-13 Monographs

---

**Education and Working-Class Youth**
Reshaping the Politics of Inclusion
R. Simmons, J. Smyth (Eds)

- Emphasises the inherent relationship between education and equality
- Addresses the contemporary situation and difficulties faced both by the UK and countries further afield
- Suggests how opportunities can be developed for working-class young people to ensure they have the greatest possible chance for their lives ahead

This book provides an inclusive and incisive analysis of the experiences of working-class young people in education. While there is an established literature on education and the working class stretching back decades, comparatively there has been [...]

**Contents**
Chapter 1. Where is class in the analysis of working-class education?; John Smyth and Robin Simmons.- Chapter 2. Revisiting the ‘zombie stalking English schools’: the continuing failure to embrace [...]

**Fields of Interest**
Sociology of Education; Schools and Schooling; Sociology of Education; Social Structure, Social Inequality; Social Justice, Equality and Human Rights
European Higher Education and the Internal Market
Tensions Between European Policy and National Sovereignty
C. Sin, O. Tavares, S. Cardoso, M. J. Rosa (Eds)

- Examines the three main drivers of European higher education policy
- Analyses the delicate balance between the establishment of an internal market and national sovereignty
- Explores the role of European intervention in higher education despite the various levels that must be taken into account

This book analyses European higher education policies and their three main drivers: the European Commission, the European Court of Justice and the building of the European Higher Education Area through the Bologna Process. [...]

Contents
Chapter 1. Introduction.- PART 1.- Chapter 2. On Principles, Europe and Higher Education. Reflections on European higher education as an intersecting normative space; Pauline Ravinet.- Chapter 3. [...]

Fields of Interest
Higher Education; International and Comparative Education; Education Policy; Educational Policy and Politics

Series Title
Issues in Higher Education

September 2018
XXII, 379 p. 3 illus. Hardcover. 148 x 210 mm
£ 109,99 | € 119,99 | $ 149.99
ISBN 978-3-319-91880-8

All Languages Rights Available

Teaching and Learning Algebra
A Didactical Situations Perspective
H. Strømskag, Y. Chevallard

- Describes three separate analytic categories for teaching and learning algebra
- Provides context and offers future directions for further research in teaching algebra
- Includes many practical applications such as problem sets and task constructions are provided

The book is based on a longitudinal study of beginning teachers’ struggles with algebra, with strong foundation in the theory of didactical situations (Brousseau, 1997). The focus is on factors that constrain students’ engagement with algebraic [...]

Contents
Introduction. -Theoretical Framework.- Theoretical Foundation for a Pattern Based Approach to Algebra.- Methodology.- Epistemological and Didactical Analyses of the Mathematics Potential in Tasks [...]

Fields of Interest
Mathematics Education

Series Title
Mathematics Education Library

May 2100
Approx. 165 p. 100 illus., 20 illus. in color. Hardcover. 155 x 235 mm
£ 79,00 | € 89,99 | $ 99.99
ISBN 978-3-319-03010-4

All Languages Rights Available

Educating Prospective Secondary Mathematics Teachers
Knowledge, Identity, and Pedagogical Practices
M. E. Strutchens, R. Huang, D. Potari, L. Losano (Eds)

- Shows that issues related to mathematics teacher education are very similar around the world.
- Discusses significant new trends and development in research.
- Presents novel theoretical perspectives

This book highlights innovative approaches to preparing secondary mathematics teachers. [...]

Contents
Introduction.- Section I. Field Experience.- The Structure of Student Teaching Can Change the Focus to Students’ Mathematical Thinking.- Transforming Secondary Mathematics Teacher Preparation Via [...]

Fields of Interest
Mathematics Education; Study and Learning Skills; Learning and Instruction; Teaching and Teacher Education; International and Comparative Education

Series Title
ICME-13 Monographs

June 2018
VI, 328 p. 61 illus. Hardcover. 155 x 235 mm
£ 109,99 | € 119,99 | $ 149.99
ISBN 978-3-319-91058-1

All Languages Rights Available
**Engineering a Better Future**
Interplay between Engineering, Social Sciences, and Innovation
E. Subrahmanian, T. Odumosu, J. Tsao (Eds)

- Describes, for the first time, the importance of the social sciences and humanities to engineering
- Includes contributions from leading engineers, social scientists, educationalists, and management scientists
- Is of direct relevance to educators in engineering

This book examines how the social sciences can be integrated into the praxis of engineering and science, presenting unique perspectives on the interplay between engineering and social science. [...]**

**Contents**
Part I: Engineering Education and social sciences.
- Evolving from Single Disciplines to Renaissance Teams.
- Knowledge, Skill, and Wisdom: Reflections on Integrating the Social Sciences and [...]**

**Fields of Interest**
Engineering/Technology Education; Science and Technology Studies; Engineering Design; Innovation/Technology Management

**September 2018**
XXV, 200 p. 41 illus., 31 illus. in color. Hardcover.
155 x 235 mm
£ 44.99 | € 49.99 | $ 59.99
ISBN 978-3-319-91133-5

**All Languages Rights Available**

---

**Exploring the Mathematical Education of Teachers Using TEDS-M Data**
M. T. Tatto, M. C. Rodriguez, W. M. Smith, M. D. Reckase, K. Bankov (Eds)

- Contains further exploration of the TEDS-M study data at a time when teacher education in STEM areas is gaining importance worldwide
- Provides examples on how to use the publicly available TEDS-M database to further explore enduring questions in teacher knowledge
- Makes available a common terminology, sampling methods, instruments and analyses for future rigorous national and cross-national research in teacher education

This book uses the publicly available TEDS-M data to answer such questions as: How does teacher education contribute to the learning outcomes of future teachers? Are there programs that are more successful than others in helping teachers learn to [...]**

**Contents**
1. Introduction; Maria Teresa Tatto.
- PART 1: Exploring Different Dimensions of Teacher Education Programs.
- PART 2: Exploring Future Teacher Characteristics, Knowledge, Beliefs and Opportunities [...]**

**Fields of Interest**
Mathematics Education; Teaching and Teacher Education; International and Comparative Education

**September 2018**
XXIV, 579 p. 40 illus. Hardcover.
155 x 235 mm
£ 109.99 | € 129.99 | $ 159.99
ISBN 978-3-319-92143-3

**All Languages Rights Available**

---

**Internationalisation in Vietnamese Higher Education**
L. T. Tran, S. Marginson (Eds)

- Is the first book to address a range of issues in internationalisation in Vietnamese higher education
- Presents both practical tools and conceptual frameworks
- Provides foundational work to develop an emerging field of scholarship and research on internationalisation of Vietnamese higher education

This book focuses on models, strengths, opportunities, constraints and tensions in internationalisation in Vietnamese higher education. It reflects on key concepts from contemporary theories and models of internationalisation and discusses the [...]**

**Contents**
1. Introduction: Internationalisation of Vietnamese higher education: An overview; Ly Thi Tran and Simon Marginson.
- PART 1: POLICY AND PRACTICE IN INTERNATIONALISATION.
- 2. Vietnam's government [...]**

**Fields of Interest**
International and Comparative Education; Higher Education; Educational Policy and Politics

**Series Title**
Higher Education Dynamics

**July 2018**
155 x 235 mm
£ 79.00 | € 89.99 | $ 99.99
ISBN 978-3-319-78490-8

**All Languages Rights Available**

---
Exporting Transnational Education
Institutional Practice, Policy and National Goals
V. Tsiligiris, W. Lawton (Eds)

- Explores the growing trend for transnational education within tertiary learning
- Questions why transnational learning is beneficial and how it can be further encouraged
- Suggests solutions for how research and practice can become more closely linked for stronger learning in the future

This book focuses on the dynamic and rapidly expanding field of transnational higher education (TNE). Despite the increasing importance of TNE and the interest it has attracted from various stakeholders, there is a lack of theoretical and [...] Contents

Chapter 1. TNE 2.0: Informing Practice Through Research; Vangelis Tsiligiris and William Lawton.- PART I. Models and Strategic Considerations.- Chapter 2. Exploring Germany's Contribution to [...] Fields of Interest

International and Comparative Education; Administration, Organization and Leadership; Higher Education; Studying abroad

Professional Development for Inquiry-Based Science Teaching and Learning
O. E. Tsivitanidou, P. Gray, E. Rybska, L. Louca, C. P. Constantinou (Eds)

- Proposes alternative teaching methods for triggering students’ motivation towards science\Offers a variety of ideas on IBSE which are also linked to other theoretical frameworks
- Shows ways to adopt the IBST/L educational policy objective in diverse educational systems
- Includes case studies that present a broad range of local educational approaches

This book examines the implementation of inquiry-based approaches in science teaching and learning. It explores the ways that those approaches could be promoted across various contexts in Europe through initial teacher preparation, induction [...] Contents

Preface.- What is inquiry-based science teaching and learning? Costas P. Constantinou and Olia E. Tsivitanidou.- Section 1: Promoting student inquiry in the science classroom.- Science inquiry as [...] Fields of Interest

Science Education; Learning and Instruction; Teaching and Teacher Education

Series Title
Contributions from Science Education Research

Rupturing African Philosophy on Teaching and Learning
Ubuntu Justice and Education
Y. Waghid, F. Waghid, Z. Waghid

- Explores African philosophy of education and ubuntu justice through the lens of a massive open online course
- Maintains that interactions like this can potentially stimulate and encourage just, democratic human relations
- Examines arguments that could help cultivate a more imaginative and politically responsible African university

This book examines African philosophy of education and the enactment of ubuntu justice through a massive open online course on Teaching for Change. [...] Contents


Educational Philosophy; Philosophy of Education; Learning and Instruction; Teaching and Teacher Education; African Culture

Series Title
Contributions from Science Education Research

June 2018
XIX, 233 p. 10 illus. Hardcover.
148 x 210 mm
£ 79.00 | € 89.99 | $ 99.99
ISBN 978-3-319-74738-5

All Languages Rights Available

September 2018
VI, 284 p. 26 illus. Hardcover.
155 x 235 mm
£ 99.99 | € 109.99 | $ 139.99
ISBN 978-3-319-91405-3

All Languages Rights Available

June 2018
XXX, 199 p. Hardcover.
148 x 210 mm
£ 79.99 | € 89.99 | $ 99.99
ISBN 978-3-319-77949-2

All Languages Rights Available
School Leadership and Educational Change in Singapore
B. Wong, S. Hairon, P. T. Ng (Eds)
- Illustrates by using case studies of school leaders’ experiences Covers a broad range of key school leadership domains and themes
- Makes sense of contemporary leadership challenges in schools
- Advances a deeper understanding of the demands of leadership in schools

This book provides readers with insights into how Singapore school leaders are actively engaged in the transformation of the Singapore education system. It brings to attention crucial elucidations of the increasing demand and complexity placed on [...]
Teacher Involvement in High-Stakes Language Testing
D. Xerri, P. Vella Briffa (Eds)

- Describes how teachers in different sociocultural contexts can contribute to the development of high-stakes language tests
- Exemplifies various strategies that can be used to effectively involve teachers in high-stakes language testing
- Outlines the benefits of teacher involvement in high-stakes language testing on educators, students and tests in a range of international contexts

This book advocates that teachers should play an active role in high-stakes language testing and that more weight should be given to teacher judgement. This is likely to increase the formative potential of high-stakes tests and provide teachers [...]  

Contents
1. Introduction.- PART 1: Benefits and Challenges of Teacher Involvement in High-stakes Language Testing.- 2. The Role of Classroom Teachers in Standard Setting and Benchmarking.- 3. A Critical [...]  

Fields of Interest
Assessment, Testing and Evaluation; Language Education; Teaching and Teacher Education  

May 2018
XV, 345 p. 52 illus. Hardcover. 155 x 235 mm
£ 96.50 | € 109.99 | $ 119.00
ISBN 978-3-319-77175-5
All Languages Rights Available

Engaging Adolescent Learners
International Perspectives on Curriculum, Pedagogy and Practice
B. Yee, A. Sliwka, M. Rautiainen

- Explores the significance of the middle years of learning and ongoing decline in student engagement of adolescent learners
- Draws on a comparative study of international school systems and how they approach supporting adolescent learners
- Sets out policy and practice recommendations for supporting adolescent learners

This book draws on detailed case studies from three very different countries and school systems to explore the early adolescent learner and the middle years of learning, both of which are often overlooked in the literature. [...]  

Contents

Fields of Interest
Learning and Instruction; Curriculum Studies; Teaching and Teacher Education; Assessment, Testing and Evaluation; Early Childhood Education; International and Comparative Education  

October 2018
VIII, 190 p. 2 illus. in color. Hardcover. 148 x 210 mm
£ 64.99 | € 74.99 | $ 89.99
ISBN 978-3-319-52601-0
All Languages Rights Available

The Philosophy of Chinese Moral Education
A History
Z. You, A.G. Rud, Y. Hu

- First book to cover the history of philosophy of Chinese moral education in either English or Chinese
- Provides tools for Western readers to better understand Chinese culture through the perspective of moral education
- Features the work of a Western-educated Chinese scholar and a noted American scholar who has expertise in philosophy of education to ensure the authoritative content of the book and meet the needs of Western readers
The book depicts a unique historical and cultural phenomenon, the philosophy of Chinese moral education, in an attempt to capture the essence of Chinese culture. While tracing the historical journey of this philosophy, the book rearranges and [...]  

Contents
Foreword.- Chapter One.- Part One: The Era of Origin and Boom.- Chapter Two.- Part Two: The Era of Conflict, Adaptation, and Integration.- Chapter Three.- Chapter Four.- Part Two: The Era of Origin and Boom.- Chapter Two.- Chapter One.- Part One: The Era of Conflict, Adaptation, and Integration.- Chapter Three.- Chapter Four.- Part Two: The Era of Origin and Boom.- Chapter Two.- Chapter One.- Part One: [...]  

Fields of Interest
Educational Philosophy  

June 2018
XXI, 309 p. Hardcover. 148 x 210 mm
£ 79.99 | € 89.99 | $ 99.99
ISBN 978-1-137-56433-7
All Languages Rights Available
Springer Nature advances discovery by publishing robust and insightful research, supporting the development of new areas of knowledge and making ideas and information accessible around the world.

For more information, contact us: booktranslations@springernature.com

Follow twitter.com/SpringerNature