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### OAD - JAYLEEN VALENTINE

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In the past decade, the national preoccupation has been on the crisis in secondary schools. Lurking behind the intractable problem of low pass rates, the dysfunctional schools and the small number of higher grade mathematics and science graduates is the calamity in primary education. Drawing on the work of researchers in a range of fields including psychology, sociology, anthropology, linguistics, economics, the health sciences, and mathematics education, this book documents the depth and scope of the primary education crisis and provides a comprehensive and rigorous explanation of its causes. Primary education in crisis pulls together the wealth of research on health, poverty, resources, language and teaching as factors in academic achievement in reading, writing and mathematics. At the centre of the book is an analysis of the published studies that systematically document what teachers teach and fail to teach, and why it is that teaching is at the heart of the crisis in primary education. The author suggests that there are no quick fixes, but only hard choices and that, for reform to succeed, it must be evidence-based.

With the future of education being disrupted and the onset of day-to-day uncertainties and challenges that have to be solved quickly, teachers are now turning to professional development communities/support communities where they can share and learn about effective practices to use in the classroom. While transitioning to blended or online learning and keeping up with the technological advances in education, these communities provide an essential backbone for teachers to rely on for support and updated knowledge on what educational practices are being utilized, how they are working, and what solutions have been found for the ever-changing climate of education. Research on the benefits and use of these communities, as well as on the latest educational practices, is essential in teacher development and student learning in the current culture of a rapidly changing educational environment. The Research Anthology on Facilitating New Educational Practices Through Communities of Learning contains hand-selected, previously published research that provides information on the communities of learning that teachers are currently involved in to seek the latest educational practices. The chapters cover the context of these communities, the benefits, and an overview of how this support is a necessary tool in today's practices of teaching and learning. While highlighting topics such as learning communities, teacher development, mentoring, and virtual communities, this book is essential for inservice and preservice teachers, administrators, teacher educators, practitioners, stakeholders, researchers, academicians, and students who are interested in how communities of practice tie into professional development, teacher learning, and the online shift in teaching.

These proceedings represent the work of researchers participating in the 9th European Conference on Intellectual Capital (ECIC 2017) which is being hosted this year by the Instituto UniversitArio de Lisboa (ISCTE-IUL) on 6-7 April 2017. ECIC is a recognised event on the international research conferences calendar and provides a valuable platform for individuals to present their research findings, display their work in progress and discuss conceptual and empirical advances in the area of Intellectual Capital. It provides an important opportunity for researchers and practitioners to come together to share their experiences of researching in this varied and expanding field. The conference this year will be opened with a keynote presentation by Dr JosE Maria Viedma Martl from U.P.C., Polytechnic University of Catalonia in Barcelona, Spain and Prof. Maria Do Rosario Cabrita from Universidade Nova de Lisboa, Portugal who will together be talking about The Practice of Intellectual Capital in the Fourth Industrial Revolution. The second day of the conference will be opened by Dr Gregorio MartIn-de Castro, from Complutense University of Madrid, Spain, who will address the topic Intellectual Capital: Linking Theory and Practice. With an initial submission of 98 abstracts, after the double blind, peer-review process there are 42 academic Research papers, 2 PhD

Research, 1 Masters Research and 1 Work in Progress papers published in these Conference Proceedings. These papers represent truly global research in the field, with contributions from Australia, Colombia, Croatia, Egypt, Finland, France, Greece, Iran, Italy, Kazakhstan, Latvia, Lithuania, Poland, Portugal, Romania, Russia, South Africa, Spain, The Netherlands, Turkey, United Arab Emirates, UK and USA.

The Fourth Industrial Revolution has disrupted businesses worldwide through the introduction of highly automated processes. This disruption has affected the way in which companies conduct business, impacting everything from managerial styles to resource allocations to necessary new skillsets. As the business world continues to change and evolve, it is imperative that business education strategies are continuously revised and updated in order to adequately prepare students who will be entering the workforce as future entrepreneurs, executives, and marketers, among other careers. The Research Anthology on Business and Technical Education in the Information Era is a vital reference source that examines the latest scholarly material on pedagogical approaches in finance, management, marketing, international business, and other fields. It also explores the implementation of curriculum development and instructional design strategies for technical education. Highlighting a range of topics such as business process management, skill development, and educational models, this multi-volume book is ideally designed for business managers, business and technical educators, entrepreneurs, academicians, upper-level students, and researchers.

A particularly important component of any research project is its ethical dimensions which can refer to varied categories of practice - from the protection of human subjects involved in medical and social research to the publication of results research. More recently, with the estimation of the possible consequences of the implementation of technology, it is important for today's researchers to address the standards of scientific practice and avoid unethical behavior. Ethics in Research Practice and Innovation is an essential reference source that discusses current and historical aspects of ethical values in scientific research and technologies, as well as emerging perspectives of conducting ethical research in a variety of fields. Featuring research on topics such as clinical trials, human subjects, and informed consent, this book is ideally designed for practitioners, medical professionals, nurses, researchers, scientists, scholars, academicians, policy makers, and students seeking coverage on the ethical risks and limitations of research practice.

Pathology: Oxidative Stress and Dietary Antioxidants bridges the disciplinary knowledge gap to help advance medical sciences and provide preventative and treatment strategies for pathologists, health care workers, food scientists and nutritionists who have divergent skills. This is important as oxidative stress can be ameliorated with pharmacological, nutraceutical or natural agents. While pathologists and clinical workers understand the processes in disease, they are less conversant in the science of nutrition and dietetics. Conversely, nutritionists and dietitians are less conversant with the detailed clinical background and science of pathology. This book helps to fill those gaps. Saves clinicians and researchers time by helping them to quickly access the very latest details on a broad range of pathologies and oxidation issues Combines the science of oxidative stress and the putative therapeutic usage of natural antioxidants in the diet Includes preclinical, clinical and population studies to help pathologists, nutritionists, dieticians, and clinicians map out key areas for research and further clinical recommendations

Global Health Watch 2005--a collaboration of civil society activists, community groups, health workers and scholars -- has compiled this alternative world health report. It is a hard-hitting, evidence-based analysis of the political economy of health and health care. It offers a comprehensive survey of current knowledge and thinking in the key areas that influence health, focusing throughout on the health and welfare of poor and vulnerable groups in all countries. These issues range from climate change, water and nutrition to national health policies and services and the brain

drain of health professionals from South to North.

Each new generation of upcoming professionals requires different strategies for effective management within the workforce. In order to promote a cohesive and productive environment, managers must take steps to better understand their employees. The Handbook of Research on Human Resources Strategies for the New Millennial Workforce is an authoritative reference source for the latest scholarly research on theoretical frameworks and applications for the management of millennials entering the professional realm. Focusing on methods and practices to enhance organizational performance and culture, this book is ideally designed for managers, professionals, upper-level students, and researchers in the fields of human resource and strategic management.

The issue of social justice has been brought to the forefront of society within recent years, and educational institutions have become an integral part of this critical conversation. Classroom settings are expected to take part in the promotion of inclusive practices and the development of culturally proficient environments that provide equal and effective education for all students regardless of race, gender, socio-economic status, and disability, as well as from all walks of life. The scope of these practices finds itself rooted in curriculum, teacher preparation, teaching practices, and pedagogy in all educational environments. Diversity within school administrations, teachers, and students has led to the need for socially just practices to become the norm for the progression and advancement of education worldwide. In a modern society that is fighting for the equal treatment of all individuals, the classroom must be a topic of discussion as it stands as a root of the problem and can be a major step in the right direction moving forward. Research Anthology on Instilling Social Justice in the Classroom is a comprehensive reference source that provides an overview of social justice and its role in education ranging from concepts and theories for inclusivity, tools, and technologies for teaching diverse students, and the implications of having culturally competent and diverse classrooms. The chapters dive deeper into the curriculum choices, teaching theories, and student experience as teachers strive to instill social justice learning methods within their classrooms. These topics span a wide range of subjects from STEM to language arts, and within all types of climates: PK-12, higher education, online or in-person instruction, and classrooms across the globe. This book is ideal for in-service and preservice teachers, administrators, social justice researchers, practitioners, stakeholders, researchers, academicians, and students interested in how social justice is currently being implemented in all aspects of education.

In recent years, the rampant development of worldwide communications and powerful modern technologies has reformulated the idea of distance learning and the transmission of higher education content. Combined with these new developments and the outcomes of the COVID-19 pandemic, there is an apparent need for a thorough discussion on all features of e-learning. Online Distance Learning Course Design and Multimedia in E-Learning disseminates research, experiences, and philosophies surrounding innovation within higher education online teaching and learning environments. It includes case studies of relevant and fruitful applications, practical challenges, and examinations of the most recent innovations. Covering topics such as online management education, student engagement, and gamification, this book is an essential resource for academicians, researchers, educators, pre-service educators, principals, administrators, consultants, instructional designers, technologists, computer scientists, and policymakers.

Toxicology: Oxidative Stress and Dietary Antioxidants examines the nature of oxidative stress as a consequence of exposure to toxins and how antioxidant approaches can mitigate the impact of toxicant exposures. Sections covers the basic biology of oxidative stress, from molecular biology, to physiological pathology, mechanisms of action of specific toxicants, metals and other chemicals/drugs, and antioxidant approaches and therapies for toxic exposures. With contributions from an international group of experts, useful summary sections, a dictionary of terms, and applications to

other areas of toxicology, this book is an informative, consolidated reference that helps bridge the interrelationship between toxicology, oxidative stress and antioxidants. Provides a novel collection of information linking both sides of redox biology (oxidants and antioxidants) and toxicology. Explores the role of free radical mediated damage and toxicology. Contains contributions from experts on toxicological science surrounding oxidative stress and on antioxidant approaches for reducing the impact of toxicant exposures.

The politics of language in South Africa is a selected collection of essays that contains the proceedings of a colloquium organised by Vic Webb, the guest editor.

The European Conference on Innovation and Entrepreneurship has been running now for 16 years. This event has been held in Italy, Northern Ireland, France, Belgium, Portugal, and Finland to mention some of the countries who have hosted it. The conference is generally attended by participants from more than 40 countries and attracts an interesting combination of academic scholars, practitioners and individuals who are engaged in various aspects of innovation and entrepreneurship teaching and research. The 16th European Conference on Innovation and Entrepreneurship will be hosted by Instituto Universitário de Lisboa (ISCTE), Portugal and the Conference Chair will be Florinda Matos.

This is the first volume providing a research platform to showcase research in the field of positive psychology and well-being science in African contexts. Next to enhancing context-sensitive theory and practice on the African continent, it also contributes to the global discourse in positive psychology and facilitates the development of a science that reflects and is relevant to complexity and diversity in a globalising society. This volume brings together work from African scholars, featuring research on theoretical perspectives on well-being in Africa, measurement of well-being in Africa, manifestations and dynamics of well-being in Africa, and well-being promotion in Africa. It stimulates further research in positive psychology and well-being science in the African context and globally, and emphasises the interconnectedness and situatedness of human functioning and well-being, contributing to a more balanced perspective on well-being in an international perspective. The volume benefits researchers, students and practitioners in Africa and other international contexts who study or apply the science of positive psychology and well-being in diverse contexts. Chapter 1 is available open access under a Creative Commons Attribution 4.0 International License via [link.springer.com](http://link.springer.com). p="" style="color: rgb(0, 0, 0); font-family: Helvetica, Arial, sans-serif; font-size: 14px;".

In recent years, technological advancements have enabled higher-learning institutions to offer millions of independent learners the opportunity to participate in open-access online courses. As this practice expands, drawing considerable media attention, questions continue to arise regarding pedagogical methodology and the long-term viability of open learning. Furthering Higher Education Possibilities through Massive Open Online Courses seeks to provide a space for discussion of MOOCs: what they mean for the learning process, how they are redefining the concept of a classroom, and what effects they may have on the role of teachers. Featuring emerging research on a variety of topics relating to distance education, informal learning, as well as educational costs and funding, this book is aimed at teachers, administrators, business professionals, and designers of both curricular resources and e-classroom technology.

The new edition of this landmark international work builds on the previous two volumes, offering a window onto occupational therapy practice, theory and ideas in different cultures and geographies. It emphasizes the importance of critically deconstructing and engaging with the broader context of occupation, particularly around how occupational injustices are shaped through political, economic and historical factors. Centering on the wider social and political aspects of occupation and occupation-based practices, this textbook aims to inspire occupational therapy students and practitioners to include transformational elements into their practice. It also illustrates how occupational therapists from all over the world can affect positive changes by engaging with political and historical contexts. Divided into six sections, the new edition begins by analyzing the key concepts outlined throughout, along with an overview on the importance and practicalities of monitoring and evaluation in community projects. Section Two explores occupation and justice emphasizing that issues of occupational injustice are present everywhere, in different forms: from clinical settings to community-based rehabilitation. Section Three covers the enactment of different Occupational Therapies with a focus on the multiplicity of occupational therapy from the intimately personal to the broadly political. Section Four engages with the broader context of occupational therapy from the political to the financial. The chapters in this section highlight the recent financial crisis and the impact it has had on people's everyday life. Section Five collects a range of different approaches to

working to enable a notion of occupational justice. Featuring chapters from across the globe, Section Six concludes by highlighting the importance and diversity of educational practices. Comprehensively covers occupational therapy theory, methodology and practice examples related to working with underserved and neglected populations. Gives a truly global overview with contributions from over 100 international leading experts in the field and across a range of geographical, political and linguistic contexts. Demonstrates how occupational injustices are shaped through political, economic and historical factors. Advocates participatory approaches which work for those who experience inequalities. Includes a complete set of new chapters. Explores neoliberalism and financial contexts, and their impact on occupation. Examines the concept of disability. Discusses theoretical and practical approaches to occupational justice.

This report contains a selection of contributed papers and presentations from a conference attended by 270 educators and media workers committed to formulate a vision for media education in South Africa. Pointing out that media education has been variously described in South Africa as visual literacy, mass media studies, teleliteracy, and film studies, or as dealing with educational technology or educational media, the introduction cites a definition of media education as an exploration of contemporary culture alongside more traditional literary texts. It is noted that this definition raises issues for education as a whole, for traditional language study, for media, for communication, and for understanding the world. The 37 selected papers in this collection are presented in seven categories: (1) Why Media Education? (keynote paper by Bob Ferguson); (2) Matters Educational (10 papers on media education and visual literacy); (3) Working Out How Media Works (4 papers on film studies, film technology, and theory); (4) Creating New Possibilities for Media Awareness (9 papers on film and television and 4 on print media); (5) Training and Empowering (2 papers focusing on teachers and 4 focusing on training producers); (6) Media Developing Media Awareness (2 papers); and (7) Afterthoughts (1 paper). Appendices include the Unesco Declaration on Media Education (1982), Recommendations from the Toulouse Colloquy on New Directions in Media Education (1990), and Resolutions and Conclusions of the First National Media Education Conference (Durban, 1990). Most of the papers provide their own bibliographies. (DB)

Mobile phones have become an integral part of society, as their convenience has helped democratize and revolutionize communication and the marketplace of ideas. Because of their ubiquity in higher education, undergraduate classrooms have begun to utilize smartphones and tablets as tools for learning. The Handbook of Research on Mobile Devices and Applications in Higher Education Settings explores and fosters new perspectives on the use of mobile applications in a classroom context. This timely publication will demonstrate the challenges that universities face when introducing new technologies to students and instructors, as well as the rewards of doing so in a thoughtful manner. This book is meant to present the latest research and become a source of inspiration for educators, administrators, researchers, app developers, and students of education and technology.

Polyphenols: Mechanisms of Action in Human Health and Disease, Second Edition describes the mechanisms of polyphenol antioxidant activities and their use in disease prevention. Chapters highlight the anti-inflammatory activity of polyphenols on key dendritic cells, how they modulate and suppress inflammation, and how they are inactivated or activated by metabolism in the gut and circulating blood. Polyphenols have proven effective for key health benefits, including bone health, organ health, cardiac and vascular conditions, absorption and metabolism, and cancer and diseases of the immune system. They are a unique group of phytochemicals that are present in all fruits, vegetables and other plant products. This very diverse and multi-functional group of active plant compounds contain powerful antioxidant properties and exhibit remarkable chemical, biological and physiological properties, including cancer prevention and cardio-protective activities. Expands coverage on green tea, cocoa, wine, cumin and herbs. Outlines their chemical properties, bioavailability and metabolomics. Provides a self-teaching guide to learn the mechanisms of action and health benefits of polyphenols.

The Education Triple Cocktail brings together rigorous quantitative and qualitative research on a new approach to improving foundational teaching and learning for schoolchildren living in working-class, poor and remote rural communities in resource-constrained systems like South Africa. At the core of this book is the theory and evidence for a powerful, new, interlocking and mutually reinforcing change model. Inspired by the AIDS treatment story, the three-pronged approach of structured daily lesson plans, appropriate and high-quality educational materials, and one-on-one instructional coaching to help teachers transform their instructional practices in early grade classrooms, shows that it will improve learning outcomes. For education systems defined by low levels of early

grade learning and profoundly unequal outcomes, The Education Triple Cocktail offers a theoretically informed, evidence-based way forward. This book will be of immense use to teachers, students of Education, policymakers and parents.

Pamila Gupta takes a unique approach to examining decolonization processes across Lusophone India and Southern Africa, focusing on Goa, Mozambique, Angola and South Africa, weaving together case studies using five interconnected themes. Gupta considers decolonization through the twined lenses of history and ethnography, accessed through written, oral, visual and eyewitness accounts of how people experienced the transfer of state power. She looks at the materiality of decolonization as a movement of peoples across vast oceanic spaces, demonstrating how it was a process of dispossession for both the Portuguese formerly in power and ordinary colonial citizens and subjects. She then discusses the production of race and class anxieties during decolonization, which took on a variety of forms but were often articulated through material objects. The book aims to move beyond linear histories of colonial independence by connecting its various regions using the theme of decolonization, offering a productive and new approach to writing post-national histories and ethnographies. Finally, Gupta demonstrates the value of using different source materials to access narratives of decolonization, analyzing the work of Mozambican photographer Ricardo Rangel, and including lyrical prose and ethnographical observations. Portuguese Decolonization in the Indian Ocean World provides a nuanced understanding of Lusophone decolonization, revealing the perspectives of people who experienced it. This book will be highly valuable for historians of the Indian Ocean world and decolonization, but also those interested in ethnography, diaspora studies and material culture.

This book explores the challenge of dismantling colonial schooling and how entangled power relations of the past have lingered in post-apartheid South Africa. It examines the 'on the ground' history of colonialism from the vantage point of a small town in the Karoo region, showing how patterns of possession and dispossession have played out in the municipality and schools. Using the strong political and ontological critique of decoloniality theories, the book demonstrates the ways in which government interventions over many years have allowed colonial relations and the construction of racialised differences to linger in new forms, including unequal access to schooling. Written in an accessible style, the book considers how the dream of decolonial schooling might be realised, from the vantage point of research on the margins. This Karoo region also offers an interesting case study as the site where the world's largest radio telescope was recently located and highlights the contrasting logics of international 'big science' and local development needs. This book will be of interest to academics and scholars in the education field as well as to social geographers, sociologists, human geographers, historians and policy makers.

The object of this publication is to provide youth, as well as people and organizations involved and interested in youth-related issues, with a comprehensive source of information on South African young organizations and related relevant issues.

This book gathers and disseminates opinions, viewpoints, studies, forecasts, and practical projects which illustrate the various pathways sustainability research and practice may follow in the future, as the world recovers from the COVID-19 pandemic and prepares itself to the possibilities of having to cope with similar crisis, a product of the Inter-University Sustainable Development Research Programme (IUSDRP) <https://www.haw-hamburg.de/en/ftz-nk/programmes/iusdrp.html> and the European School of Sustainability Science and Research (ESSSR) <https://esssr.eu/>. The COVID-19 pandemic has led to severe human suffering, and to substantial damages to economies around the globe, affecting both rich countries and developing ones. The aftermath of the epidemic is also expected to be felt for sometime. This will also include a wide range of impacts in the ways sustainable development is perceived, and how the principles of sustainability are practised. There is now a pressing need to generate new literature on the connections between COVID-19 and sustainability. This is so for two main reasons. Firstly, the world crisis triggered by COVID-19 has severely damaged the world economy, worsening poverty, causing hardships, and endangering livelihoods. Together, these impacts may negatively influence the implementation of sustainable development as a whole, and of the UN Sustainable Development Goals in particular. These potential and expected impacts need to be better understood and quantified, hence providing a support basis for future recovery efforts. Secondly, the shutdown caused by COVID-19 has also been having a severe impact on teaching and research, especially -but not only - on matters related to sustainability. This may also open new opportunities (e.g. less travel, more Internet-based learning), which should be explored further, especially in the case of future pandemics, a scenario which cannot be excluded. The book meets these perceived needs.

As the educational system continues to evolve, it is essential that educators of today devise innovative and strategic approaches to program development and assessment. The Handbook of Research on Program Development and Assessment Methodologies in K-20 Education is an essential reference source for the latest terminology and concepts related to program development. Featuring extensive coverage on a broad range of topics such as cognitive diagnostic assessments, self-directed learning, and digital education, this publication is ideally designed for educators, students, program designers, and librarians seeking current research on inventive strategies and practices to enhance education in the 21st century.

The thesis of this volume is that the fields of scholarly enquiry of Education — internationally as well as in South Africa in particular — despite being fields of virile scholarly activity and output, are in need of a major overhaul. In this collected work this want in research is encapsulated in three words: relevance, rigour and restructuring. Research in the scholarly field(s) of Education is predominantly of small scale, non-accumulative, widely condemned as not of a comparable standard to research done in other social sciences, much less upon a par with research in the natural sciences, and lacking structure in the sense of being anchored in a firm theory. To make matters worse, scholars in Education internationally and in South Africa have till very recently eschewed discussion as to the packaging or structuring of knowledge produced by Education research. The book consists of chapters containing original research unpacking these desiderata from a variety of angles. The authors had them served by a variety of methods, from deductively argued position papers, to empirical research, the latter both quantitative (survey research) and qualitative.

One of the most challenging obstacles for many businesses in successfully reaching a global market stems from cultural and language barriers and the lack of a clear understanding of this issue. It is critical for businesses to understand these cultural and language barriers and how to face them through effective communications and cultural sensitivity. The companies that will thrive and see the most success are the ones whose employees communicate and collaborate effectively with customers, suppliers, and partners all over the world. *Breaking Down Language and Cultural Barriers Through Contemporary Global Marketing Strategies* provides both empirical and theoretical research focused on ways that business professionals and organizations are breaking down cultural and language barriers, integrating cultural sensitivity, and implementing cross-cultural management practices into their daily business practices. Featuring research on topics such as origin effects, consumption culture, and cross-cultural management, managers, consultants, academic researchers, practitioners, business educators, and advanced students in various disciplines will find

the content within this publication to be beneficial.

Education inevitably influences society and our future. As literature and experience tells, educational leaders impact not only their institutions, but ultimately the learning outcomes for a large portion of society's members. Educational leaders are charged with more than creating a viable future for an institution; they are also charged with contributing to and creating a viable, positive human future—not an easy task amid the turbulence and disruption of our times. The Handbook of Research on Educational Leadership and Research Methodology discusses the evolution of educational leadership knowledge, thoughts, and practices by sharing the perspectives, experiences, theories, and philosophies related to educational leadership and research methodologies across all levels of education. Covering topics such as critical race design, toxic leadership, and adult learning, this major reference work is a critical resource for faculty and administrators of both K-12 and higher education, principals, superintendents, chancellors, directors, pre-service teachers, teaching instructors, government officials, librarians, researchers, and academicians.

These proceedings represent the work of contributors to the 16th European Conference on Innovation and Entrepreneurship (ECIE 2021), hosted by ISCTE Business School, Instituto Universitário de Lisboa, Portugal on 16-17 September 2021. The Conference Chair is Dr. Florinda Matos and the Programme Co-Chairs are Prof Maria de Fátima Ferreira, Prof Álvaro Rosoi and Prof Isabel Salavisa all from Instituto Universitário de Lisboa, Portugal. ECIE is a well-established event on the academic research calendar and now in its 16th year, the key aim remains the opportunity for participants to share ideas and meet the people who hold them. The conference was due to be held at Instituto Universitário de Lisboa, Portugal, but due to the global Covid-19 pandemic it was moved online to be held as a virtual event. The scope of papers will ensure an interesting two days. The subjects covered illustrate the wide range of topics that fall into this important and ever-growing area of research. The keynote presentation is given by Soumodip Sarkar, Vice-Rector, from University of Évora, Portugal on the topic of Social Intelligence. The second day of the conference will open with an address by Professor Vittorio Loreto, Sapienza University of Rome, Italy, who will talk about Exploring the adjacent possible: play, anticipation, surprise.

This authoritative, state-of-the-art Handbook provides an authoritative overview of issues within sexuality education, coupled with ground-breaking discussion of emerging and unconventional insights in the field. With 32 contributions from 12 countries it definitively traces the landscape of issues, theories and practices in sexuality education globally. These rich and multidisciplinary essays are written by renowned critical sexualities studies experts and rising stars in this area and

grouped under four main areas: Global Assemblages of Sexuality Education Sexualities Education in Schools Sexual Cultures, Entertainment Media and Communication Technologies Re-animating What Else Sexuality Education Research Can Do, Be and Become Importantly, this Handbook does not equate sexuality education with safer sex education nor understand this subject as confined to school based programmes. Instead, sexuality education is understood more broadly and to occur in spaces as diverse as community settings and entertainment media, and via communication technologies. It is an essential and comprehensive reference resource for academics, students and researchers of sexuality education that both demarcates the field and stimulates critical discussion of its edges. Chapter 2 is available open access under a CC BY 4.0 license via [link.springer.com](http://link.springer.com).

Traditional methods of viewing the world through the scientific method or instrumental knowledge do not adequately serve the needs of theory, research, and practice within an increasingly complex world. Through transdisciplinary theory, the focus is on a new form of learning and problem solving involving cooperation among different parts of society to meet the complex challenges of society. The Handbook of Research on Transdisciplinary Knowledge Generation is a critical scholarly resource that examines mutual learning across disciplinary lines as a strategy by which to understand the world and apply practical knowledge. Featuring a wide array of topics such as linguistic diversity, medical education, and social constructivism, this book is essential for educational professionals, researchers, students, administrators, and academicians.

The use of information and communication technologies (ICTs) in education has revolutionized learning. Shifting beyond traditional mode of education, the integration of ICTs has become an advantage for students at tertiary education when used for the right purpose to enhance learning. The use of technology brings forth a flexible and accessible mode of education and bridges the gap of learning across borders. This enables students at tertiary level to have access to other universities and academic resource materials globally, thereby expanding their knowledge. Thus, it is crucial to consider the development of technology in education as part of a comprehensive pedagogical framework and take into account new developments in ICTs. *ICT-Based Assessment, Methods, and Programs in Tertiary Education* is an essential research publication that provides relevant theoretical frameworks and recent empirical research findings on integrating ICTs in tertiary education to enhance learning and allow students to take more control of their learning. Highlighting topics such as assessment, language learning, and e-learning, this book is ideal for teachers, professionals, academicians, researchers, administrators, curriculum designers, instructional designers, and students.