Education

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Table of Contents

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ISBN : 978-3-319-74744-6

Wong, B., Hairon, S., Ng, P.T. (Eds.), Nanyang Technological University, Singapore, Singapore

School Leadership and Educational Change in Singapore

• 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

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 school leaders through the use of case studies. Each chapter in the book focuses on a particular issue which has become important or has gained renewed importance in the Singapore education system. The chapters first provide a background to the theme under examination and a theoretical basis for discussion. They then narrate the case that shows how school leaders interpret and implement policy ...

Contents
1. Introduction: School Leadership and Educational Change in Singapore; Pak Tee Ng and Benjamin Wong.- 2. Instructional Leadership; David F.S. Ng.- 3. Curriculum Leadership; Christina Lim-Ratnam.- 4. Assessment Leadership; Hui Yong Tay and Kelvin Tan.- 5. Professional Development; William K.W. Choy and Paul M.H. Chua.- 6. Stakeholder Engagement; Lana Y.L. Khong.- 7. Professional Learning Communities; Hairon Salleh, Catherine S.K. Chua and Diwi Abbas.- 8. Design Thinking; Yew Leong Wong and Benjamin Wong.- 9. Information Communication Technology; Catherine S.K. Chua and Chai Ching Sing.- 10. School Culture; Antonia K.W. Teng and Yenming ...

Fields of Interest
Administration, Organization and Leadership;

Educational Policy and Politics; Schools and Schooling

Content Level
Research

Product category
Graduate/advanced undergraduate textbook

Available

Bibliography
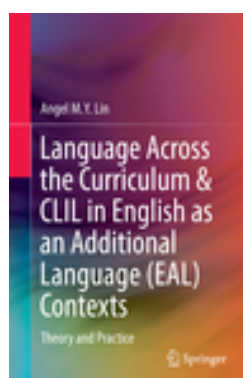1st ed. 2019,VII, 220 p. 5 illus., 1 illus. in color. (Springer Texts in Education) Softcover

Medium Type
Book

Imprint
Springer

Order Quantity

ISBN : 978-981-10-1800-8

Lin, Angel M.Y., Faculty of Education The University of Hong Kong, Hong Kong, Hong Kong

Language Across the Curriculum & CLIL in English as an Additional Language (EAL) Contexts

Theory and Practice

• Meets the urgent needs of teachers who are supporting EAL learners in mainstream classrooms
• Clarifies the relationships between LAC, immersion, CLIL, Content-based Instruction and other related approaches
• Equips teachers to handle practical issues in designing and trying out school-based LAC & CLIL in English as an Additional Language (EAL) contexts

This book will be of interest to a broad readership, regardless of whether they have a background in sociolinguistics, functional linguistics or genre theories. It presents an accessible "meta-language" (i.e. a language

for talking about language) that is workable and usable for teachers and researchers from both language and content backgrounds, thus facilitating collaboration across content and language subject panels. Chapters 1 to 3 lay the theoretical foundation of this common meta-language by critically reviewing, systematically presenting and integrating key theoretical resources for teachers and researchers in this field. In turn, ...

Contents
1 Introduction.- 2 How Language Varies: Everyday language and Academic Language.- 3 Analysing Academic Language.- 4 Disconnects in Education Settings and Research Traditions.- 5 Curriculum Mapping and Bridging Pedagogies.- 6 Assessment Issues.- 7 Programming for Integration of Content and Language Learning.- 8 Critical Perspectives.- 9 Directions for Future Research & The Way Forward.

Fields of Interest
Curriculum Studies; Language Education; Learning & Instruction

Content Level
Research

Product category
Graduate/advanced undergraduate textbook

Available

Bibliography
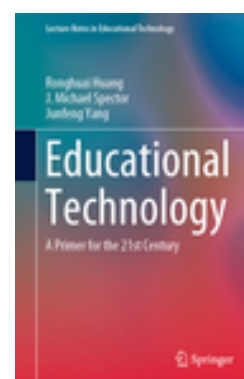1st ed. 2016,XII, 251 p. 43 illus. Softcover

Medium Type
Book

Imprint
Springer

Order Quantity

ISBN : 978-981-13-6642-0

Huang, R., Spector, J.M., Yang, J., Beijing Normal University, Beijing, China

Educational Technology

A Primer for the 21st Century

• Provides a comprehensive overview of educational technology using widely emerging competency approach to learning and assessment
• Demonstrates multi-disciplinary approach, and aims to prepare students for becoming competent and innovative educational technology professionals
• Addresses the knowledge and skills to understand the organizational needs and requirements with practical uses of educational technology

The aim of this book is to prepare students with knowledge and skills to understand the organizational needs and requirements of educational technology. Students should be able to use and manage both existing and emerging technologies effectively and be able to apply associated pedagogies to suit the environment, but also evaluate and manage technological advances of future and the requisite pedagogical shifts to achieve efficiency and effectiveness. The demand of educational technology has been rising steadily, primarily due to the fact that e-learning is a huge and significantly expanding world-wide industry. Commercial e-learning ...

Contents
Section 1 Introduction and overview.- Introduction to educational technology.- Introduction to learning in context of existing and emerging technologies.- Foundations, evolution and developments in educational technology.- Section 2 Perspectives.- Typologies and key approaches to educational technology.- Systems' perspectives of educational technology.- Users' Perspectives of educational technology.- Learner Experiences and Perspectives of Educational Technology.- Section 3.- Design, implementation and evaluation.- Design requirements.- Design process and development lifecycles.- Instructional design and development.- Evaluation models, ...

Fields of Interest
Educational Technology; Computers and Education

Content Level
Upper undergraduate

Product category
Graduate/advanced undergraduate textbook

Available

Bibliography
1st ed. 2019,XIV, 248 p. 53 illus., 33 illus. in color.(Lecture Notes in Educational Technology) Hardcover

Medium Type
Book

Imprint
Springer

Order Quantity

ISBN : 978-3-319-31648-2

Renck Jalongo, Mary, Saracho, Olivia N., Journal and Book Series Editor Springer, INDIANA, PA, USA

Writing for Publication

Transitions and Tools that Support Scholars' Success

• Uses an interdisciplinary review of the research literature to offer evidence-based recommendations to authors
• Presents practical strategies and resources, visual materials and illustrative examples
• Is a "paper mentor" that guides scholars in improving their writing

This book offers systematic instruction and evidence-based guidance to academic authors. It demystifies scholarly writing and helps build both confidence and skill in aspiring and experienced authors. The first part of the book focuses on the author's role, writing's risks and rewards, practical strategies for improving writing, and ethical issues. Part Two focuses on the most common writing tasks: conference proposals, practical articles, research articles, and books. Each chapter is replete with specific examples, templates to generate a first draft, and checklists or rubrics for self-evaluation. The final section of the book counsels ...

Contents
INTRODUCTION.- Unique Features of the Book.- Practical Strategies and Research Base.- An Interdisciplinary Approach.- A "Paper Mentor" Purpose.- A Transitions Perspective.- A Career-Wide Purpose.- Rationale for the Book.- Expectations for Publishing.- Increases in Educational Attainment.- Needs of Academic Authors.- Qualifications of Instructors.- Audience for the Work.- Organization of the Book.- Goals for Readers.- PART ONE: PROFESSIONAL ROLES AND PUBLISHABLE WRITING.- WEEK ONE: ACADEMIC AUTHORS.- 1. From Aspiring Author to Published Scholar.- WEEK TWO: EXPECTATIONS AND ETHICS.- 2. From Unpublishable to Publishable.- WEEK THREE: START TO ...

Fields of Interest
Higher Education; Statistics for Social Sciences, Humanities, Law; Printing and Publishing

Content Level
Research

Product category
Graduate/advanced undergraduate textbook

Available

Bibliography
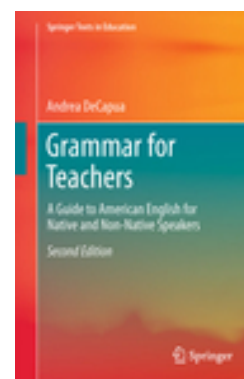1st ed. 2016,XVIII, 315 p. 18 illus.(Springer Texts in Education) Softcover

Medium Type
Book

Imprint
Springer

Order Quantity

ISBN : 978-3-319-33914-6

DeCapua, Andrea, New York University Steinhardt School of Education, New York, NY, USA

Grammar for Teachers

A Guide to American English for Native and Non-Native Speakers

• Grammar presented accessibly and clearly to help ESL/EFL teachers understand and explain how English works
• Discovery activities throughout, designed for readers to explore grammar points on their own first, followed by discussions
• Additional practice activities allow users to test their knowledge; error analysis activities

allow practice in identifying and explaining typical ESL/EFL student errors

Updated and revised with more examples and expanded discussions, this second edition continues the aim of providing teachers with a solid understanding of the use and function of grammatical structures in American English. The book avoids jargon and presents essential grammatical structures clearly and concisely. Dr. DeCapua approaches grammar from a descriptive rather than a prescriptive standpoint, discussing differences between formal and informal language, and spoken and written English. The text draws examples from a wide variety of authentic materials to illustrate grammatical concepts. The many activities throughout the book engage ...

Contents
Chapter 1 What Is Grammar?.- Chapter 2 Morphology: Words and Their Parts.- Chapter 3 The Noun Phrase.- Chapter 4 Adjectives and Adverbs.- Chapter 5 Overview of Verbs and Verb Phrases: The Heart of the Sentence.- Chapter 6 Time, Tense, and Aspect of Verbs.- Chapter 7 Modal Auxiliary Verbs and Related Structures.- Chapter 8 Basic Sentence Patterns and Major Variations.- Chapter 9 Compound Sentences and Introduction to Complex Sentences: Adverbial Clauses.- Chapter 10 Complex Sentences Continued: Relative Clauses.- Chapter 11 Complex Sentences Continued: Noun Clauses.- Chapter 12 Verbal Constructions.- Glossary.- Appendices.

Fields of Interest
Language Education; Learning & Instruction; Sociology of Education

Content Level
Graduate

Product category
Graduate/advanced undergraduate textbook

Available

Bibliography
2nd ed. 2017,XVI, 439 p.(Springer Texts in Education) Softcover

Medium Type
Book

Imprint
Springer

Order Quantity

ISBN : 978-981-13-2474-1

Guest, Michael, University of Miyazaki, Miyazaki, Japan

Conferencing and Presentation English for Young Academics

• Addresses a specific domain of specialist English that is rapidly increasing in importance
• Bases practical skills on a discussion of speech discourse that is academically grounded
• Offers unique and practical advice that is not included in standard books on the topic

This book discusses and demonstrates the types of English discourse used at academic conferences and offers guidance to prospective conference participants from multiple perspectives. It is a combination of research taken from numerous academic conferences attended and observations made by the author, based on well-established research methods in applied linguistics, as well as a guidebook aimed at students, ESP teachers, and young academics and professionals wishing to upgrade their skills to participate fruitfully in, and contribute to, academic conferences. It offers academic novices and non-native speakers of English in particular much ...

Contents
1 Introduction.- Part 1 The external framework of academic conferences.- 2 An 'Age of conferencing'.- 3 The TED factor.- 4 Affective factors influencing conference presentation performance.- 5 'Native' vs non-native English speakers (NES/NNES) and English as a lingua franca (ELF) at Academic Conferences.- 6 Implications of ELF for ESP/ EAP teachers, learners, and international academic conference discourse.- Part 2 The conference and the structure of its core speech events.- 7 The academic functions of conference discourse.- 8 Genre and mode in the discourse community.- 9 Engagement and narrative.- Part 3 Academic conference discourse: The ...

Fields of Interest
Language Education; Applied Linguistics; English

Content Level
Graduate

Product category
Graduate/advanced undergraduate textbook

Available

Bibliography
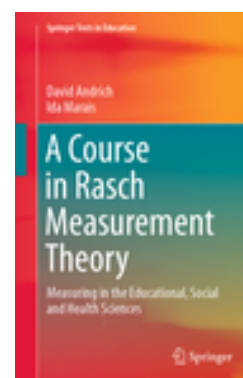1st ed. 2018,XV, 245 p. 21 illus.(Springer Texts in Education) Softcover

Medium Type
Book

Imprint
Springer

Order Quantity

ISBN : 978-981-13-7495-1

Andrich, David, Marais, Ida, The University of Western Australia, Crawley, WA, Australia

A Course in Rasch Measurement Theory

Measuring in the Educational, Social and Health Sciences

• Presents course material developed in two decades of online and intensive teaching
• Provides researchers with the confidence they need in order to be in control of the analysis and interpretation of data
• Provides a unified approach to instrument design, measurement theory and data analysis

This book applies Rasch measurement theory to the fields of education, psychology, sociology, marketing and health outcomes in order to measure various social constructs. The chief focus is on first principles of both the theory and its applications. Because software is readily available to carry out analyses of real data, numerous small examples are provided in the book. The software used in these examples, and which is helpful in working through the text, is

RUMM2030 (Rasch unidimensional models for measurement). The book's main goals are to equip researchers with the confidence they need in order to be in control of the analysis and ...

Contents
PART A: General principles and the dichotomous Rasch model.- Chapter 1: The idea of measurement.- Chapter 2: Constructing instruments to achieve measurement.- Chapter 3: Classical test theory (CTT).- Chapter 4: Reliability and validity in CTT.- Chapter 5: The Guttman structure and analysis of responses.- Chapter 6: The dichotomous Rasch model - The simplest modern test theory model.- Chapter 7: Invariance of comparisons - Separation of person and item parameters.- Chapter 8: Sufficiency - The significance of total scores.- Chapter 9: Estimating item difficulty.- Chapter 10: Estimating person proficiency and person separation.- Chapter 11: ...

Fields of Interest
Research Methods in Education; Methodology of the Social Sciences; Statistics for Social Sciences, Humanities, Law; Assessment, Testing and Evaluation; Psychometrics; Research Skills

Content Level
Graduate

Product category
Graduate/advanced undergraduate textbook

Available

Bibliography
1st ed. 2019,XIX, 482 p. 134 illus., 61 illus. in color.(Springer Texts in Education) Softcover

Medium Type
Book

Imprint
Springer

Order Quantity

ISBN : 978-3-030-05899-9

Strunk, Kamden K., Locke, Leslie Ann (Eds.), Auburn University, Auburn, AL, USA

Research Methods for Social Justice and Equity in Education

• Draws from quantitative, qualitative, and mixed-methods approaches to research for social justice and equity in education
• Includes diverse voices from various subdisciplines within education, different institution types, research approaches, and populations studied
• Covers philosophical and theoretical issues, applied data collection and analysis, and career or research trajectory content

This textbook presents an integrative approach to thinking about research methods for social justice. In today's education landscape, there is a growing interest in scholar-activism and ways of doing research that advances educational equity. This text provides a foundational overview of important theoretical and philosophical issues specific to this kind of work in Section I. In Section II, readers engage with various ways of thinking about, collecting, and analyzing data, including qualitative, quantitative, and mixed methods approaches. Finally, in Section III, through case studies and research narratives, readers will learn about real ...

Contents
Part I Theoretical and Philosophical Issues.- 1. Re-positioning Power and Re-imagining Reflexivity: Examining Positionality and Building Validity Through Reconstructive Horizon Analysis.- 2. Considering Positionality: The Ethics of Conducting Research with Marginalized Groups.- 3. Flipping the Paradigm: Studying Up and Research for Social Justice.- 4. Framing Critical Race Theory and Methodologies.- 5. Disentangling the Complexities of Queer Theory and Intersectionality Theory: Research Paradigms and Insights for Social Justice.- 6. Using Critical Theory in Educational Research.- 7. Viewing Research for Social Justice and Equity Through the ...

Fields of Interest
Research Methods in Education; Social Justice, Equality and Human Rights; Social Work; Teaching and Teacher Education

Content Level
Graduate

Product category
Graduate/advanced undergraduate textbook

Available

Bibliography
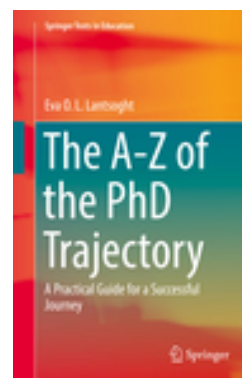1st ed. 2019,XXIV, 308 p. 4 illus. Hardcover

Medium Type
Book

Imprint
Palgrave Macmillan

Order Quantity

ISBN : 978-3-319-77424-4

Lantsoght, Eva O. L., Universidad San Francisco de Quito, Quito, Ecuador

The A-Z of the PhD Trajectory

A Practical Guide for a Successful Journey

• Is suitable for a classroom setting as well as for self-study
• Offers advice, anecdotes and exercises to teach junior PhD students in STEM how to succeed
• Provides information and suggested methods for all steps of the PhD trajectory

This textbook is a guide to success during the PhD trajectory. The first part of this book takes the reader through all steps of the PhD trajectory, and the second part contains a unique glossary of terms and explanation relevant for PhD candidates. Written in the accessible language of the PhD Talk blogs, the book contains a great deal of practical advice for carrying out research, and presenting one's work. It includes tips and advice from current and former PhD candidates, thus representing a broad range of opinions. The book includes exercises that help PhD candidates get their work kick-started. It covers all steps of a doctoral journey ...

Contents
1. Introduction.- 2. Getting started with a PhD.- 3. Planning your time.- 4. Developing your literature review.- 5. Formulating your research question.- 6. Preparing and executing experiments.- 7. Honing your academic writing skills.- 8. Presenting your work.- 9. Communicating science in the 21st century.- 10. Preparing for your first

conference.- 11. Writing your first journal article.- 12. Compiling your work into a dissertation.- 13. Navigating career options after your PhD.- 14. Epilogue.- Glossary.

Fields of Interest
Research Skills; Thesis and Dissertation; Higher Education; Personal Development; Writing Skills

Content Level
Graduate

Product category
Graduate/advanced undergraduate textbook

Available

Bibliography
1st ed. 2018,XIII, 393 p. 59 illus., 6 illus. in color.(Springer Texts in Education) Softcover

Medium Type
Book

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Springer

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