Dialogic Education And Technology Expanding The Space Of Learning Computer Supported Collaborative Learning Series By Wegerif Rupert 2007 11 07 Hardcover

Building on Robin Alexander's landmark Towards Dialogic Teaching, this book shows how and why the dialogic approach has a positive impact on student engagement and learning. It sets out the evidence, examines the underpinning ideas and issues, and offers guidance and resources for the planning, implementation and review of effective dialogic teaching in a wide range of educational settings. Dialogic teaching harnesses the power of talk to engage students' interest, stimulate their thinking, advance their understanding, expand their ideas and build and evaluate argument, empowering them for lifelong learning and for social and democratic engagement. Drawing on extensive published research as well as the high-profile, 5000-student trial and independent evaluation of Alexander's distinctive approach to dialogic teaching in action, this book: Presents the case for treating talk as not merely incidental to teaching and learning but as an essential tool of education whose exploitation and development require understanding and skill; Explores questions of definition and conceptualisation in the realms of dialogue, argumentation and dialogic teaching, revealing the similarities and differences between the main approaches; Discusses evidence that has enriched the debate about classroom talk in relation to oracy, argumentation, student voice and philosophy for children as well as dialogic teaching itself; Identifies what it is about dialogic teaching that makes a difference to students' thinking, learning and understanding; Presents the author's rationale and framework for dialogic teaching, now completely revised and much expanded; Proposes a professional development strategy for making dialogic teaching happen which, like the framework, has been successfully trialled in schools; Lists resources from others working in the field to support further study and development; Includes an extensive bibliography. Robin Alexander's A Dialogic Teaching Companion, like its popular predecessor Towards Dialogic Teaching, aims to support the work of all those who are interested in the quality of teaching and learning, but especially trainee and serving teachers, teacher educators, school leaders and researchers.

Research Methods for Educational Dialogue provides an overview of the range of possibilities for researching various forms of educational dialogue, underpinned by a coherent theoretical foundation. The authors, Kershner, Hennessy, Wegerif and Ahmed offer an integrated understanding of different methodological approaches in this fast-growing area of education. The book includes critical discussion of a variety of methods for investigating the characteristics and quality of dialogues for individuals and groups of participants in different educational contexts. These include student-student, teacher-student and wider professional dialogues, conducted face-to-face, online or mediated by classroom technologies. The authors argue for the integration of ethical and methodological principles, and consider the potential for innovative research methods that are dialogic in themselves. Including chapter commentaries from invited experts in the field, authentic research examples and a glossary of terms, this is essential reading for anyone looking to research in the area of educational dialogue.

This book explores the implications of technology-mediated project-based language learning for CALL teacher development, focusing on the role of video-based instruction in elucidating challenges and opportunities to promote learner creativity in the language classroom. The volume builds on existing literature on project-based language learning by extending the focus on the affordances of machinima, digital video created by teachers and learners to capture experience in 3D immersive games or virtual worlds. Drawing on data from a large-scale research project featuring case studies that examine different facets of CALL teacher education, the book calls attention to language learning and teaching strategies that encourage both learners and teachers to develop innovative approaches in the language classroom and how such approaches promote the integration of lifelong learning skills alongside traditional linguistic competencies. Offering a dynamic contribution to the growing literature on the interface of language learning and teaching and technology, this book will appeal to students and researchers in applied linguistics and language and education, as well as those interested in the latest developments in CALL.

Children's Creative Music-Making with Reflexive Interactive Technology discusses pioneering experiments conducted with young children using a new generation of music software for improvising and composing. Using artificial intelligence techniques, this software captures the children's musical style and interactively reflects it in its responses. The book describes the potential of these applications to enhance children's agency and musical identity by reflecting players' musical inputs, storing and creating variations on them. Set in the broader context of current music education research, it addresses the benefits and challenges of incorporating music technologies in primary and pre-school education. It is comprised of six main chapters, which cover the creation of children's own music and their musical selves, critical thinking skills and learner agency, musical language development, and emotional intent during creative music-making. The authors provide a range of straight-forward techniques and strategies, which challenge conceptions of 'difficult-to-use music technologies' in formal music education. These are supported by an informative collection of practitioner vignettes written by teachers who have used the software in their classrooms. Not only are the teachers' voices heard here, but also those of children as they discover some of the creative possibilities of music making. The book also provides free access to a companion website with teacher forums and a large bank of activities to explore. A toolkit serves as a database of the teaching activities in which MIROR applications have been used and provides a set of useful ideas regarding its future use in a variety of settings. This book demonstrates that music applications based on artificial intelligence techniques can make an important contribution to music education within primary and pre-school education. It will be of key interest to academics, researchers and postgraduate students in the fields of music education, music technology, early years and primary education, teaching and learning, and teacher educators. It will also serve as an important point of reference for Early Years and Primary practitioners.

Dialogic Education and Technology

An international perspective

Mind Expanding: Teaching For Thinking And Creativity In Primary Education

A Dialogic Teaching Companion

Teaching Critical Thinking

Learning to Teach Using ICT in the Secondary School

This book opens up a fruitful conversation by and between invited academics from Europe and Latin America on the features of online learning in higher education. The authors analyse online education from interdisciplinary theoretical and empirical reflections to reveal the existing tensions and turning this book into a valuable artifact on how learning is shaped when technology comes in-between diverse geographical and social contexts. Like any other human activity, e-learning can be seen as a context-dependent educational system with many objects in mutual interaction. Applying a cultural psychology perspective to this provides new answers to questions such as: How can cultural psychology shed new light on online learning? Why do students and academics still opt for classic classes? What inner boundaries are pushed when studying online? How can online learning be influenced by affect? How do teachers and students mold their identities when they move in and out of online environments? This book reveals the existing tensions, resistances and appropriation strategies that students and academics from diverse backgrounds and places go through when attending online learning courses in higher education and furthermore shows how these theoretical frameworks can be successfully applied to practice.

Educational Dialogues provides a clear, accessible and well-illustrated case for the importance of dialogue and its significance for learning and teaching. The contributors characterise the nature of productive dialogues, to specify the conditions and pedagogic contexts within which such dialogues can most effectively be resourced and promoted. Drawing upon a broad range of theoretical perspectives, this collection examines: theoretical frameworks for understanding teaching and learning dialogues teacher-student and student-student interaction in the curricular contexts of mathematics, literacy, science, ICT and philosophy the social contexts supporting productive dialogues implications for pedagogic design and classroom practice. Bringing together contributions from a wide range of internationally renowned researchers, this book will form essential reading for all those concerned with the use of dialogue in educational contexts.

Technology-enhanced learning is a timely topic, the importance of which is recognized by educational researchers, practitioners, software designers, and policy makers. This volume presents and discusses current trends and issues in technology-enhanced learning from a European research and development perspective. This multifaceted and multidisciplinary topic is considered from four different viewpoints, each of which constitutes a separate section in the book. The sections include general as well as domain-specific principles of learning that have been found to play a significant role in technology-enhanced environments, ways to shape the environment to optimize learners' interactions and learning, and specific technologies used by the environment to empower learners. An additional section discusses the work presented in the preceding sections from a computer science perspective and an implementation perspective. This book comes out of the work in Kaleidoscope: a European Network of Excellence in which over 1,000 people from more than 90 institutes across Europe participate. Kaleidoscope brings together researchers from diverse disciplines and cultures, through their collaboration and sharing of scientific outcomes, they are helping move the field of technology-enhanced learning forward.

Deeper learning, dialogic learning, and critical thinking are essential capabilities in the 21st-century environments we now operate. Apart from being important in themselves, they are also crucial in enabling the acquisition of many other 21st-century skills/capabilities such as problem solving, collaborative learning, innovation, information and media literacy, and so on. However, the majority of teachers in schools and instructors in higher education are inadequately prepared for the task of promoting deeper learning, dialogic learning, and critical thinking in their students. This is despite the fact that there are educational researchers who are developing and evaluating strategies for such promotion. The problem is bridging the gap between the educational researchers' work and what gets conveyed to teachers and instructors as evidence-based, usable strategies. This book addresses that gap: in it, leading scholars from around the world describe strategies they have developed for successfully cultivating students' capabilities for deeper learning and transfer of what they learn, dialogic learning and effective communication, and critical thought. They explore connections in the promotion of these capabilities, and they provide, in accessible form, research evidence demonstrating the efficacy of the strategies. They also discuss answers to the questions of how and why the strategies work. A seminal resource, this book creates tangible links between innovative educational research and classroom teaching practices to address the all-important question of how we can realize our ideals for education in the 21st century. It is a must read for pre-service and in-service teachers, teacher educators and professional developers, and educational researchers who truly care that we deliver education that will prepare and serve students for life.

Handbook of Research on Didactic Strategies and Technologies for Education: Incorporating Advancements

Teaching for Thinking and Creativity in Primary Education

Revolutionizing Arts Education in K-12 Classrooms through Technological Integration

A companion to school experience

Second Language Teaching and Learning with Technology: Views of Emergent Researchers

The two-volume set LNCS 10295 and 10296 constitute the refereed proceedings of the 4th International Conference on Learning and Collaboration Technologies, LCT 2017, held as part of the 19th International Conference on Human-Computer Interaction, HCII 2017, in Vancouver, BC, Canada, in July 2017, in conjunction with 15 thematically similar conferences. The 1228 papers presented at the HCII 2017 conferences were carefully reviewed and selected from 4340 submissions. The papers cover the entire field of human-computer interaction, addressing major advances in knowledge and effective use of computers in a variety of application areas. The papers included in this volume are organized in the following topical sections: multimodal and natural interaction for learning; learning and teaching ecosystems; e-learning, social media and MOOCs; beyond the classroom; and games and gamification for learning.

This book, first published in 1990, takes a critical look at the major assumptions which support critical thinking programs and discovers many unresolved questions which threaten their viability. John McPeck argues that some of these assumptions are incoherent or run counter to common sense, while others are unsupported by the available empirical evidence. This title will be of interest to students of the philosophy of education.

The Routledge International Handbook of Research on Teaching Thinking is a comprehensive guide to research on teaching thinking. Teaching thinking is key to growing a more successful economy, is needed for increased democratic engagement and is vital for the well-being of individuals faced with the complexity of a globalised world. However, there are questions about what we mean by 'thinking', how best to teach it and how best to assess it, and it is these questions that this handbook explores and addresses. Containing surveys and summaries of international, cutting-edge research on every aspect of teaching thinking in a range of contexts, the handbook is thorough in its delivery, examining many different approaches and methods to help readers understand what teaching thinking is and how we can best take this movement forward. Key topics include: • Theoretical perspectives on teaching thinking • Approaches for teaching thinking • Developing creative thinking • Developing critical thinking and metacognition • The assessment of thinking • Teaching thinking in the context of STEM • Collaborative thinking and new technology • Neuro-educational research on teaching thinking This book is an essential guide for policy-makers, teachers and researchers who are interested in teaching thinking

Offers exhaustive research on collaborations in education, business, and the government and social sectors.

4th International Conference, LCT 2017, Held as Part of HCI International 2017, Vancouver, BC, Canada, July 9-14, 2017, Proceedings, Part I

Technology-Enhanced Learning

A Seemingly Borderless Class

Educational Dialogues

Bridging between Research and Practice

Cultural Views on Online Learning in Higher Education

This book empowers people to go beyond themselves into new spheres of learning, thinking and creativity. Drawing on recent work in communications theory as well as psychology, computer science and philosophy, it reveals some key characteristics of learning dialogues. It also demonstrates ways in which computers and networks can deepen, enrich and expand such dialogues. The book's central argument is that this dialogic perspective in education and the latest developments in information and communications technology make ideal partners.

Learning to Teach Using ICT in the Secondary School offers teachers of all subjects a comprehensive, practical introduction to the extensive possibilities that ICT offers pupils, teachers and schools. Under-pinned by the latest theory and research, it provides practical advice and guidance, tried-and-tested examples, and covers a range of issues and topics essential for teachers using ICT to improve teaching and learning in their subject. The third edition has been fully updated in light of rapid changes in the field of both ICT and education and includes six brand new chapters. Key topics covered include: Theories of learning and ICT Effective pedagogy for effective ICT Using the interactive whiteboard to support whole class dialogue Special needs and e-inclusion Literacy and new literaciesNEW Multi-play digital games and on-line virtual worldsNEW Mobile learningNEW e-Safety Supporting international citizenship through ICTNEW Linking home and school ICT tools for administration and monitoring pupil progressNEW Tools for professional development. Including case studies and tasks to support your own learning, as well as ideas and activities to use with all your students, Learning to Teach Using ICT in the Secondary School is a vital source of support and inspiration for all training teachers as well those looking to improve their knowledge. If you need a guide to using ICT in the classroom or for professional support, start with this book.

The allure and marketplace power of digital technologies continues to hold sway over the field of education with billions spent annually on technology in the United States alone. Literacy instruction at all levels is influenced by these evolving and ever-changing tools. While this opens the door to innovations in literacy curricula, it also adds a pedagogical responsibility to operate within a well-developed conceptual framework to ensure instruction is complemented or augmented by technology and does not become secondary to it. The Handbook of Research on Integrating Digital Technology With Literacy Pedagogies is a comprehensive research publication that considers the integration of digital technologies in all levels of literacy instruction and prepares the reader for inevitable technological advancements and changes. Covering a wide range of topics such as augmented reality, literacy, and online games, this book is essential for educators, administrators, IT specialists, curriculum developers, instructional designers, teaching professionals, academicians, researchers, education stakeholders, and students.

The Routledge International Handbook of Research on Dialogic Education provides a comprehensive overview of the main ideas and themes that make up the exciting and diverse field of Dialogic Education. With contributions from the world's leading researchers, it describes underpinning theoretical approaches, debates, methodologies, evidence of impact, how Dialogic Education relates to different areas of the curriculum and ways in which work in this field responds to the profound educational challenges of our time. The handbook is divided into seven sections, covering: The theory of Dialogic Education Classroom dialogue Dialogue, teachers and professional development Dialogic Education for literacy and language Dialogic Education and digital technology Dialogic Education in science and mathematics Dialogic Education for transformative purposes Expertly written and researched, the handbook marks the coming of age of Dialogic Education as an important and distinctive area of applied educational research. Featuring chapters from authors working in different educational contexts around the world, the handbook is of international relevance and provides an invaluable resource for researchers and students concerned with the study of educational dialogue and allied areas of socio-cultural research. It will interest students on PhD programmes in Education Faculties, Master's level courses in Education and postgraduate teacher-training courses. The accounts of results achieved by high-impact research projects around the world will also be very valuable for policy makers and practitioners.

Research-based Strategies for the Classroom

Best Practices for the Knowledge Society. Knowledge, Learning, Development and Technology for All

Interthinking: Putting Talk to Work

Dialogue and Dialectic

Handbook of Research on Integrating Digital Technology With Literacy Pedagogies

Second World Summit on the Knowledge Society, WSKS 2009, Chania, Crete, Greece, September 16-18, 2009. Proceedings

This book presents voices of educators describing their pedagogical practices inspired by the ethical ontological dialogism of Mikhail M. Bakhtin. It is a book of educational practitioners, by educational practitioners, and primarily for educational practitioners. The authors provide a dialogic analysis of teaching events in Bakhtin-inspired classrooms and emerging issues, including: prevailing educational relationships of power, desires to create a so-called educational vortex in which all students can experience ontological engagement, and struggles of innovative pedagogy in conventional educational institutions. Matusov, Marjanovic-Shane, and Gradovski define a dialogic research art, in which the original pedagogical dialogues are approached through continuing dialogues about the original issues, and where the researchers enter into them with their mind and heart.

It is a great pleasure to share with you the Springer LNCS proceedings of the Second World Summit on the Knowledge Society, WSKS 2009, organized by the Open - search Society, Ngo, http://www.open-knowledge-society.org, and held in Samaria Hotel, in the beautiful city of Chania in Crete, Greece, September 16–18, 2009. The 2nd World Summit on the Knowledge Society (WSKS 2009) was an inter- tional scientific event devoted to promoting dialogue on the main aspects of the knowledge society towards a better world for all. The multidimensional economic and social crisis of the last couple of years has brought to the fore the need to discuss in depth new policies and strategies for a human centric developmental processes in the global context. This annual summit brings together key stakeholders involved in the worldwide development of the knowledge society, from academia, industry, and government, including policy makers and active citizens, to look at the impact and prospects of - formation technology, and the knowledge-based era it is creating, on key facets of l- ing, working, learning, innovating, and collaborating in today's hyper-complex world. The summit provides a distinct, unique forum for cross-disciplinary fertilization of research, favoring the dissemination of research on new scientific ideas relevant to - ternational research agendas such as the EU (FP7), OECD, or UNESCO. We focus on the key aspects of a new sustainable deal for a bold response to the multidimensional crisis of our times.

Considerable efforts have been made in developing and assessing educational technology to support and teach argumentation. These efforts have culminated in the form of techniques which include Intelligent Tutoring Systems and Computer Supported Collaborative Learning. Many of these techniques have been shown to be effective for specific argumentation domains. At the same time, the general design problem of how to support a learner's acquisition of argumentation skills through computer aided tools has not yet been perfected. This e-book presents a collection of current approaches in educational technologies for argumentation. Technological approaches underlying successful argumentation systems are presented, along with their relation to the success of these tools.

Discusses about using technology to draw people into the kind of dialogues which take them beyond themselves into learning, thinking and creativity. This book reveals key characteristics of learning dialogues and demonstrates ways in which computers and networks can deepen, enrich and expand such dialogues.

Meaning-Centered Education

Rethinking Classroom Talk

Incorporating Advancements

The Routledge International Handbook of Research on Dialogic Education

Expanding the Space of Learning

Adventures in improvising and composing

In a time of globally changing environments and economic challenges, many institutions of higher education are attempting to reform by promoting standardization approaches. Meaning-Centered Education explores the counter-tide for an alternative vision of education, where students and instructors engage in open meaning-making processes and self-organizing educational practices. In one contributed volume, Meaning-Centered Education provides a comprehensive introduction to current scholarship and pedagogical practice on meaning-centered education. International contributors explore how modern educational scholars and practitioners all around the world are implementing a comprehensive framework that supports meaning making in a classroom. This edited collection is a valuable resource for higher education faculty and scholars interested in renewing the deep purposes of higher education.

Understanding Digital Technologies and Young Children explores the possibilities digital technology brings to enhance the learning and developmental needs of young children. Globally, the role of technology is an increasingly important part of everyday life. In many early childhood education frameworks and curricula around the world, there is an expectation that children are developing skills to become effective communicators and are using digital technology to investigate their ideas and represent their thinking. This means that educators throughout the world are expected to actively enhance children's learning in ways that provide learning experiences with technology that are balanced and purposeful to allow the transformation of traditional authentic learning experiences. Digital technologies can be used to explore, manipulate, discover, play and interact with real and imaginative worlds to allow active meaning making. With a wide range of expert contributors, this book provides a comprehensive examination of the current research on technology and young children and the importance of engagement for learning. This approach encourages the reader to rethink the possibilities and potential of digital technologies for learning in the early years, especially in the years before formal schooling when children might be attending early childhood settings. This will be a valuable reference for anyone looking for an international perspective on digital technology and young children, and is particularly aimed at current and future teachers.

We live in a time of educational transformations towards more 21st century pedagogies and learning. Games and Education explores new designs in and for learning and offer inspiration to teachers, technologist and researchers interested in changing educational practices.

With dialogue and dialogic teaching as upcoming buzz-words, we face a familiar mix of danger and opportunity. The opportunity is to transform classroom talk, increase pupil engagement, and lift literacy standards from their current plateau. The danger is that a powerful idea will be jargonised before it is even understood, let alone implemented, and that practice claiming to be dialogic will be little more than re-branded chalk and talk or ill-focused discussion. Dialogic teaching is about more than applying tips such as less hands-up bidding. It demands changes - in the handling of classroom space and time; in the balance of talk, reading and writing; in the relationship between speaker and listener; and in the content and dynamics of talk itself.

Research Methods for Educational Dialogue

Understanding and Promoting Productive interaction

Creativity and CALL Teacher Education

Learning and Collaboration Technologies. Novel Learning Ecosystems

Understanding and Promoting Productive Interaction

Mastering core concepts through thinking together

"This book is designed to be a platform for the most significant educational achievements by teachers, school administrators, and local associations that have worked together in public institutions that range from primary school to the university level"--Provided by publisher.

Dialogic: Education for the Internet Age argues that despite rapid advances in communications technology, most teaching still relies on traditional approaches to education, built upon the logic of print, and dependent on the notion that there is a single true representation of reality. In practice, the use of the Internet disrupts this traditional logic of education by offering an experience of knowledge as participatory and multiple. This new logic of education is dialogic and characterises education as learning to learn, think and thrive in the context of working with multiple perspectives and ultimate uncertainty. The book builds upon the simple contrast between observing dialogue from an outside point of view, and participating in a dialogue from the inside, before pinpointing an essential feature of dialogic: the gap or difference between voices in dialogue which is understood as an irreducible source of meaning. Each chapter of the book applies this dialogic thinking to a specific challenge facing education, re-thinking the challenge and revealing a new theory of education. Areas covered in the book include: dialogical learning and cognition dialogical learning and emotional intelligence educational technology, dialogic 'spaces' and consciousness global dialogue and global citizenship dialogic theories of science and maths education The challenge identified in Wegerif's text is the growing need to develop a new understanding of education that holds the potential to transform educational policy and pedagogy in order to meet the realities of the digital age. Dialogic: Education for the Internet Age draws upon the latest research in dialogic theory, creativity and technology, and is essential reading for advanced students and researchers in educational psychology, technology and policy.

Develops a theory of social knowledge based on dialogicality and social representation.

Education is a main issue in all countries. Policy makers, educators, families, students and, in a more general way, societies expect schools to provide a high quality education. They also expect students to be able to achieve and to become active and critical citizens. As senior researchers in education, we address some of the most complex and demanding research questions: How does learning affect identity? How does participation to educational settings, scenarios and situations impact the way we are or became? Can changes in how we perceive our Selves be considered as part of the learning process? This book attempts to outline some answers to such broad questions using a very robust and updated theoretical frame: the dialogical approach. In these chapters very well-known international authors from different continents and countries analyze school and educational situations through new lens: by considering the teaching and learning processes as multi-voiced and socially complex and considering identity development as a true leverage for development. The focus on the dialogical nature of both learning and identities makes this book interesting not only for educators and educational researchers but also for anyone interested in human sciences, policy makers, students and their families. We also aimed at producing a book that can be useful for different cultures and educational systems. Thus, in this book there are researches and comments from different cultural perspectives, making it appealing for a very large target-public.

Towards Dialogic Teaching

The Dynamics of Mind

Supporting Professional Development through Collaborative Studies of Classroom Teaching with Technology

Dialogic Pedagogy and Polyphonic Research Art

International Handbook of Computer-Supported Collaborative Learning

Understanding Digital Technologies and Young Children

This book presents a fresh approach to bridging the perceived gap between academic and classroom cultures. It describes a unique form of research partnership whereby Cambridge University academics and school teachers together grappled with and reformulated theory – through in-depth case studies analysing practice using interactive whiteboards in five subject areas. The inquiry exploited the collaborators' complementary professional knowledge bases. Teachers' voices are particularly audible in co-authored case study chapters. Outcomes included deeper insights into concepts of sociocultural learning theory and classroom dialogue, more analytical mindsets, sustained new practices and ways of working collegially. The book reflects upon the power of lesson video review and details how the co-inquirers negotiated "intermediate theory" – bridging educational theory and specific settings – framed in mutually accessible language and embodied in interactive multimedia resources for teacher development. These include video clips, analytic commentary from multiple perspectives, lesson materials, plus optional prompts for reflection and critique – not models of "best practice". The resources make pedagogy explicit and vividly illustrate the book's ideas, offering theory-informed yet practical tools designed with and for practitioners. Hennessy and colleagues have tested a model of ongoing, teacher-led development and innovation, professional dialogue and classroom trialing stimulated by discussing selected multimedia resources. The book will interest academic and teacher researchers, initial teacher educators, professional development leaders, mentors, plus practitioners interested in using interactive whiteboards and dialogic teaching. It explores widening approaches to collegial development to reach educators working in other contexts (with and without technology). This could involve intermediate theory building or shortcutting by sharing and adapting the outcomes – springboarding teachers' further critique and professional learning. "I cannot recommend this book too highly ... it weaves a complex developmental story with a range of facets. It emphasises clearly the rigour of the research that was conducted, while demonstrating the complexity of the inter-relationships, practices and issues for both teachers and researchers in developing practical and theoretical knowledge. Its graphic insights through text and associated media provide exemplars for teachers and those who work with teachers as a rich resource. It shows us all what can be achieved and the means of achieving it." Prof. Barbara Jaworski, University of Loughborough

Dialogue has long been used in primary classrooms to stimulate thinking, but it is not always easy to unite the creative thinking of good dialogue with the need for children to understand the core concepts behind knowledge-rich subjects. A sound understanding of key concepts is essential to progress through the national curriculum, and assessment of this understanding along with effective feedback is central to good practice. Dialogic Education builds upon decades of practical classroom research to offer a method of teaching that applies the power of dialogue to achieving conceptual mastery. Easy-to-follow template lesson plans and activity ideas are provided, each of which has been tried and tested in classrooms and is known to succeed. Providing a structure for engaging children and creating an environment in which dialogue can flourish, this book is separated into three parts: Establishing a classroom culture of learning; Core concepts across the curriculum; Wider dialogues: Educational adventures in the conversation of mankind. Written to support all those in the field of primary education, this book will be an essential resource for student, trainee and qualified primary teachers interested in the educational importance of dialogue.

Educational technologies are becoming more commonplace across the K-12 curriculum. In particular, the use of innovative digital technology is expanding the potential of arts education, presenting new opportunities—and challenges—to both curricular design and pedagogical practice. Revolutionizing Arts Education in K-12 Classrooms through Technological Integration brings together a variety of perspectives, research, and case studies that emphasize a pedagogical awareness of diverse learning styles, while highlighting issues of ethics and equality across the educational landscape. This timely publication is aimed at K-12 arts educators leading classrooms focusing on dance, drama, media, music, and the visual arts, as well as pre-service teachers, museum and gallery educators, policymakers, and designers of academic curricula.

Educational Dialogues provides a clear, accessible and well illustrated case for the importance of dialogue and its role in developing non-passive interactive learning.

Deeper Learning, Dialogic Learning, and Critical Thinking

Dialogic Education

Bakhtin by and for Educators

Provocations for the Early Years

Introducing Dialogic Pedagogy

The Routledge International Handbook of Research on Teaching Thinking

Through using spoken language, people are able to think creatively and productively together. This ability to 'interthink' is an important product of our evolutionary history that is just as important for our survival today. Many kinds of work activity depend on the success of groups or teams finding joint solutions to problems. Creative achievement is rarely the product of solitary endeavour, but of people working within a collective enterprise. Written in an accessible and jargon-free style, Interthinking: putting talk to work explores the growing body of work on how people think creatively and productively together. Challenging purely individualistic accounts of human evolution and cognition, its internationally acclaimed authors provide analyses of real-life examples of collective thinking in everyday settings including workplaces, schools, rehearsal spaces and online environments. The authors use socio-cultural psychology to explain the processes involved in interthinking, to explore its creative power, but also to understand why collective thinking isn't always productive or successful. With this knowledge we can maximise the constructive benefits of our ability to interthink, and understand the best ways in which we can help young people to develop, nurture and value that capability. This book will be of great interest to academic researchers, postgraduates and undergraduates on Education and Psychology courses and to practicing teachers. It will also appeal to anyone with an interest in language, creativity and the role of psychology in everyday life.

CSCL has in the past 15 years (and often in conjunction with Springer) grown into a thriving and active community. Yet, lacking is a comprehensive CSCL handbook that displays the range of research being done in this area. This handbook will provide an overview of the diverse aspects of the field, allowing newcomers to develop a sense of the entirety of CSCL research and for existing community members to become more deeply aware of work outside their direct area. The handbook will also serve as a ready reference for foundational concepts, methods, and approaches in the field. The chapters are written in such a way that each of them can be used in a stand-alone fashion while also serving as introductory readings in relevant study courses or in teacher education. While some CSCL-relevant topics are addressed in the International Handbook of the Learning Sciences and the International Handbook of Collaborative Learning, these books do not aim to present an integrated and comprehensive view of CSCL. The International Handbook of Computer- Supported Collaborative Learning covers all relevant topics in CSCL, particularly recent developments in the field, such as the rise of computational approaches and learning analytics.

"An essential addition...Wegerif zooms in on the most important ingredient of all in a learning-to-learn classroom culture - the kinds of talk that are allowed and encouraged - and brings together both scholarly and practical approaches in a highly fruitful and accessible way." Guy Claxton, author of Building Learning Power, What's the Point of School? and New Kinds of Smart 'This is a thought-provoking and readable book, which makes a very good case for the importance of teaching thinking skills and encouraging creativity through dialogue.' Professor Neil Mercer, University of Cambridge, UK, author of Words and Minds and Dialogue and Development There is growing interest in developing flexible thinking and learning skills in the primary classroom but there has been little agreement as to exactly what these skills are and how best to teach for them. This innovative book responds to that challenge with a coherent account of what thinking and creativity are and how they can be taught. Taking a 'dialogic' approach, it shows how engaging children in real dialogue is possible in every area of the curriculum and how this can lead to more reflective, considerate and creative children who are able to think for themselves and to learn creatively. Wegerif explores the success of approaches such as Philosophy for Children, Thinking Together, Dialogic Teaching and Building Learning Power. Using illustrations and activities, he explains how teaching and learning across the primary curriculum can be transformed. This book is important reading for all primary teachers and trainees who are looking for practical ideas for teaching thinking. It will also be valuable for anyone who wants to understand education and think more about what is most important in education.

There is considerable interest in education around the world in flexible thinking and learning skills but very little consensus as to the nature of these skills and how best to promote them in schools. This book puts forward a clear and practical framework for understanding thinking, creativity and learning to learn as the fruits of engagement in dialogue. It also outlines in detail how this framework can be applied to teaching across the curriculum at both primary and secondary level, drawing on the best practices associated with the teaching thinking; creativity; and learning to learn movements explaining their success in terms of dialogic theory. In particular the book incorporates aspects of a number of thinking skills approaches, such as Lipmanï¿½s Philosophy for Children approach, as well as features of contemporary innovations in education such as assessment for learning and the development of creativity. Each chapter opens with a vignette to set the scene and continue into a light and popularly written exposition of theory, before moving on to a description of practice and concluding with practical guidelines for how to teach for thinking and creativity in schools and classrooms. The first six chapters in the book have more of a focus on developing core theoretical themes and the following six chapters in the second half of the book focus more on practice-led themes. The relationship between theory and practice is treated as flexible and dynamic, theory being developed by practice as much as practice implementing theory.

Dialogic: Education for the Internet Age

Children's Creative Music-Making with Reflexive Interactive Technology

International Perspectives and Explorations in Higher Education

EBOOK: Mind Expanding: Teaching for Thinking and Creativity in Primary Education

Principles and Products

Educational Technologies for Teaching Argumentation Skills

Introducing Dialogic Pedagogy presents some of the ideas of Russian philosopher Mikhail Bakhtin concerning dialogism in a way that will engage and inspire those studying early childhood education. By translating the growing body of dialogic scholarship into a practical application of teaching and learning with very young children, this book provides readers with alternative ways of examining, engaging and reflecting on practice in the early years to provoke new ways of understanding and enacting pedagogy. This text combines important theoretical ideas with a practical application to support practitioners who are keen to promote creativity and agency through ethical self-other relations. It provides unique insights into the amazing world of the youngest child, and offers enriched understandings of the profound impact of adults in their journey of becoming (or bildung). Key points covered include: Investigating dialogic philosophy and its application to early childhood education, with an emphasis on notions of justice, democracy, ethics and answerability Considering the relationship between dialogism and pedagogical approaches Theorising a range of approaches to relevant early childhood practice, as pedagogy This accessible and readable guide offers sound theoretical principles with practical suggestions for early years' settings. The book is supplemented by an extensive online video resource website that will bring these revolutionary ideas to life. .

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Handbook of Research on Electronic Collaboration and Organizational Synergy

Language Teaching with Video-Based Technologies

Dialogicality and Social Representations

Games and Education: Designs in and for Learning

Interplays Between Dialogical Learning and Dialogical Self