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Great Chocolate Caper

A Mystery That Teaches Logic Skills

PRUFROCK PRESS INC. **Get ready for thought-provoking intrigue. Get ready for fun-filled learning. The mystery is who stole Van Feisty's famous chocolate recipe. There are nine suspects. But which one is guilty? Only by collecting information by doing the logic problems presented in each lesson will students be able to eliminate the incorrect suspects and find the guilty person. In solving the mystery students will: differentiate between valid conclusions and invalid assumptions, use syllogisms to reach valid assumptions, recognize false premises, solve deductive matrix puzzles, decode a secret message. The Great Chocolate Caper is an entertaining instructional unit that will build logical thinking skills and reading skills. Kids will love it! Book jacket.**

Memory and Instruction

Educational Technology

Behavior Analysis for School Psychologists

Taylor & Francis **Perfect for students preparing for a career in school psychology and for current practitioners, teachers, and consultants, this book translates behavior analysis theory into practice. In concise chapters illustrated with school-based examples, Behavior Analysis for School Psychologists guides readers through the basics of behavior analysis, including observation and measurement, experimental analysis, and intervention design and implementation, while providing academic, behavioral, and mental health interventions from research-based principles of learning and behavior.**

Severe Behavior Disorders in the Mentally Retarded

Nondrug Approaches to Treatment

Springer Science & Business Media **It is well known that behavior problems are a salient characteristic of children and adults with mental retardation. That is not to say that all persons with mental retardation experience behavior disorders; how ever, most studies indicate that the incidence of emotional disturbance in this population is four to six times greater than that observed in similar intellectually nonhandicapped children and adults. It is equally well known that the principal form of treatment accorded clients with mental retardation and behavior disorders is pharmacotherapy or the prescrip tion of behavior modifying drugs. Recent studies show that 6 out of every 10 individuals with mental retardation have been prescribed drugs as treatment for disorders of emotion or behavior. Unfortunately, further studies indicate that only one or 2 out of every 10 clients receiving medication are determined to be "responders," such that some thera peutic benefit is derived from their drug treatment. As noted by the title, the single major thrust of this volume is to review approaches to the treatment of behavior disorders in persons with mental retardation from a nondrug perspective. This requires the presentation of a wide range of material on treatment: basic behavior modification programming, cognitive-behavioral strategies, habilitative approaches, counseling and psychotherapy, designing therapeutic living environments, managing medical factors bearing relevance to emotional illness, intervening with families, training special education teachers and direct care staff, and supplying information on the client's rights to obtain treatment in the least restrictive and least intrusive manner.**

Epicyclic Drive Trains

Analysis, Synthesis, and Applications

Wayne State University Press **This is a comprehensive text and reference book for students and teachers of mechanical engineering, for design and research engineers, and for manufacturers and users of gear trains for the transmission of power in industry and transportation.**

The Oxford Handbook of Dialectical Behaviour Therapy

Oxford University Press, USA **This handbook is currently in development, with individual articles publishing online in advance of print publication. At this time, we cannot add information about unpublished articles in this handbook, however the table of contents will continue to grow as additional articles pass through the review process and are added to the site. Please note that the online publication date for this handbook is the date that the first article in the title was published online.**

Handbook of Research on Tools for Teaching Computational Thinking in P-12 Education

IGI Global **While the growth of computational thinking has brought new awareness to the importance of computing education, it has also created new challenges. Many educational initiatives focus solely on the programming aspects, such as variables, loops, conditionals, parallelism, operators, and data handling, divorcing computing from real-world contexts and applications. This decontextualization threatens to make learners believe that they do not need to learn computing, as they cannot envision a future in which they will need to use it, just as many see math and physics education as unnecessary. The Handbook of Research on Tools for Teaching Computational Thinking in P-12 Education is a cutting-edge research publication that examines the implementation of computational thinking into school curriculum in order to develop creative problem-solving skills and to build a computational identity which will allow for future STEM growth. Moreover, the book advocates for a new approach to computing education that argues that while learning about computing, young people should also have opportunities to create with computing, which will have a direct impact on their lives and their communities. Featuring a wide range of topics such as assessment, digital teaching, and educational robotics, this book is ideal for academicians, instructional designers, teachers, education professionals, administrators, researchers, and students.**

American Journal of Mental Retardation

AJMR.

Includes the association's conference proceedings and addresses.

Cutting-Edge Language and Literacy Tools for Students on the Autism Spectrum

IGI Global **Providing all students, particularly those with learning disabilities, with the skills necessary to succeed in school and, by extension, the real world is vital in today□s educational landscape. Due to this need, innovative language and literacy tools have been developed to support these students in their learning endeavors and ensure they are receiving the best education possible. Cutting-Edge Language and Literacy Tools for Students on the Autism Spectrum covers the root causes of the language and learning challenges in autism, their consequences for language acquisition and literacy, and a variety of tools and strategies for addressing them, from teaching technologies to assistive technologies. Drawing on what the most current evidence shows about the nature of autism and which therapies and technologies are most successful, the book reviews the efficacy of existing language therapies, literacy strategies, and assistive technologies. Covering topics such as speech deficits, language learning, comprehension, and assistive communication tools, this reference work is ideal for clinicians, behavioral specialists, speech-language pathologists, special educators, researchers, academicians, practitioners, scholars, educators, and students.**

Schools and Delinquency

Cambridge University Press **About juvenile delinquency and its prevention in American schools.**

Teaching U.S. History as Mystery

Routledge **Presenting U.S. history as contested interpretations of compelling problems, this text offers a clear set of principles and strategies, together with case studies and "Mystery Packets" of documentary materials from key periods in American history, that teachers can use with their students to promote and sustain problem-finding and problem-solving in history and social studies classrooms. Structured to encourage new attitudes toward history as hands-on**

inquiry, conflicting interpretation, and myriad uncertainties, the whole point is to create a user-friendly way of teaching history "as it really is" – with all its problems, issues, unknowns, and value clashes. Students and teachers are invited to think anew as active participants in learning history rather than as passive sponges soaking up pre-arranged and often misrepresented people and events. New in the Second Edition: New chapters on Moundbuilders, and the Origins of Slavery; expanded Gulf of Tonkin chapter now covering the Vietnam and Iraq wars; teaching tips in this edition draw on years of teacher experience in using mysteries in their classrooms.

Comprehensive Behavior Management

Individualized, Classroom, and Schoolwide Approaches

SAGE Publications **Comprehensive Behavior Management: Schoolwide, Classroom, and Individualized Approaches supports teachers in preventing management problems and responding to unwanted behavior when it occurs in classrooms. The text offers a comprehensive presentation of three levels of behavior management strategies: individual, classroom, and schoolwide, all three of which contribute to a positive learning environment. A social learning emphasis in which human behavior is viewed within an ecological framework is integrated throughout the text. Application of this information is supported by a range of pedagogical devices such as vignettes, examples, strategies, and activities to show teachers how to manage behavior effectively. The analysis and applications in this text cover both general education and special education strategies.**

Organizational Learning Capability

Generating and Generalizing Ideas with Impact

Oxford University Press **Organizational learning matters now more than ever. In today's hypercompetitive business environment, successful executives must be able to discover opportunities, face problems, and pursue innovative ideas, then turn those ideas into action throughout an organization. Based on both empirical research and practice experience, this book gives managers the tools to do just that. Organizational learning capability is the capacity to generate and generalize ideas with impact. Managers generate new ideas in four basic ways: experimentation, in which organizations learn by trying many new products and processes; continuous improvement, in which they learn by constantly improving what they have done before and mastering each step in a process before moving on to other processes; knowledge acquisition, in which they learn by encouraging individuals and teams to acquire new knowledge continuously; and benchmarking, in which they learn by studying how other groups do things and trying to adapt their techniques. Each learning types leads to different performance consequences. Managers must also be able to generalize information through technology, movement of people, incentives, and learning processes. By both generating and generalizing ideas with impact, managers have a blueprint for making learning happen. Learning may not be sustained, however, unless it is congruent with the larger business context--the organization's strategy and culture and the industry's characteristics. Unfortunately, just as organizations develop learning capabilities, they also suffer from certain learning disabilities. This book outlines common disabilities and the means to overcome them. The authors assist practicing managers by providing several examples of successful and unsuccessful organizations and describing the ways in which they have helped organizations improve learning capability in their consulting practices. Based on detailed case studies, a review of past literature, and data gleaned from a worldwide survey of companies,Organizational Learning Capability is an accessible and useful guide for managers competing in the information economy. This book turns abstract ideas into practice, offers tools that managers can use, and presents a simple yet profound road map for making learning a reality.**

Persuasive Writing, Grades 3-5 (Meeting Writing Standards Series)

Teacher Created Resources **Activities in this book have been divided into three categories: letters, editorials, and reviews. Incorporated throughout the book are standards for assessment.**

The Promise of Educational Psychology: Teaching for meaningful learning

Evidence-Based Treatment for Children with Autism

The CARD Model

<u>Elsevier</u> **This manual is a user-friendly, comprehensive description of the Center for Autism and Related Disorders (CARD) model of autism treatment—the latest scientific information on what truly works in treating autism in an integrated, organized, consumable format. The book details effective early behavioral intervention, covering topics such as challenging behavior, visual modification, parental involvement, improving language, cognition, and social skills, and ends with a section that explains how all of the treatments can be put together in real-life service provision organizations. The CARD model is highly comprehensive and provides useful clinical information to form cutting-edge treatment programs. Describes in detail the world-renowned, state-of-the-art CARD model of treatment for children with autism spectrum disorders Provides practitioners critical guidance in how to combine the best components into comprehensive treatment programs for individuals with autism that are not only backed by research, but also the most effective, and the least intrusive Includes practical information, presented in a user-friendly, professionally-oriented format, with tables, figures, and flowcharts to help guide real-life clinical decision making**

English L2 Reading

Getting to the Bottom

<u>Routledge</u> **English L2 Reading: Getting to the Bottom, Second Edition remains a comprehensive, myth-debunking examination of how L1 features (orthographic system, phonology, morphology) can influence English L2 reading at the "bottom" of the reading process. It provides a thorough but very accessible linguistic/psycholinguistic examination of the lowest levels of the reading process. It is both theoretical and practical. The goal is to balance or supplement (not replace) top-down approaches and methodologies with effective low-level options for teaching English reading. Core linguistic and psycholinguistic concepts are presented within the context of their application to teaching. The text clearly explains the strategies that readers of other languages develop in response to their own writing systems (Chinese, Japanese, Arabic, Hebrew, other alphabets, or transparent Roman alphabetic systems), contrasted with an explanation of the strategies that English readers develop in response to the opaque orthography of English, and explicates how other low-level processing strategies for L1 morphology and word formation may aid or hinder processing in English L2 reading acquisition. A complete, balanced reading ideology should be big enough to embrace all reading theories and practices. In particular, it should be able to accommodate those researchers and teachers who find that attention to the details of language can also help students learn to read better. Many ESL/EFL teachers are interested in supplementing their successful whole-language methods with bottom-up reading strategies, but aren't sure how to do it. This book fills that gap. Changes in the Second Edition: *updated content in each chapter and clearer organization for the student to make the text more reader friendly; *expansion in Chapter 2 on alphabets, writing systems, and a brief history of written English and spelling; *extended discussion in Chapter 3 of the cognition of written language and reading transfer; *addition of phonemic, vocal, subvocal, and articulatory development and L2 reading processing in Chapter 4, as well as instructional activities and strategies for teaching these skills to L2 readers; *elaboration of graphs and graphemes in Chapter 5, including discussion of developing graphemic knowledge, processing strategies, and their instructional application, and new sections on reading speed, pattern recognition, and word recognition; *development of the probabilistic section in Chapter 6, particularly the probabilities in context of L2 reading; *updated information on the topic of brain activation studies; and *new treatment of the topic of reading fluency, added in responses to requests from many readers of the first edition. Intended for ESL/EFL reading researchers, teacher trainers and teachers, and as a text for MATESOL students, most chapters contain practical suggestions that teachers can incorporate into whole language methods to teach beginning or intermediate ESL/EFL reading (letters, pronunciation, "smart" phonics, morphemes, and vocabulary acquisition) in a more balanced way. Pre-reading discussion and study questions are provided to stimulate interest and enhance comprehension. End-of-chapter exercises help readers apply the concepts.**

The Theory and Practice of Group Discussion with Quality Talk

<u>Springer Nature</u> **This book explores the application of a significant discussion approach, Quality Talk, to English learning in Taiwanese college classrooms. Quality Talk has been found to successfully enhance students' reading comprehension and higher-level thinking in American contexts. It offers an introduction to Quality Talk and demonstrates how it can be implemented in college level English classes. It addresses students' three levels of English proficiency: elementary, intermediate, and advanced. The respective chapters discuss a range of aspects: students' language proficiency levels, students' own viewpoints on the discussion approach, students' academic backgrounds, teaching materials, and culture-based learning. Readers will gain valuable insights into the Quality Talk approach and how it can be implemented in the classroom.**

Applied Behavior Analysis for Children with Autism Spectrum Disorders

Springer Science & Business Media **Autism was once thought of as a rare condition, until the Centers for Disease Control and Prevention's Autism and Developmental Disabilities Monitoring Network released the statistic that about 1 in every 150 eight-year-old children in various areas across the United States is afflicted by an autism spectrum disorder, or ASD. This news led to a dramatic expansion of research into autism spectrum disorders and to the emergence of applied behavior analysis (ABA) as the preferred method of treatment, even among prescribing practitioners. Applied Behavioral Analysis for Children with Autism Spectrum Disorders ably synthesizes research data and trends with best-practice interventions into a comprehensive, state-of-the-art resource. Within its chapters, leading experts review current ABA literature in depth; identify interventions most relevant to children across the autism spectrum; and discuss potential developments in these core areas: Assessment methods, from functional assessment to single case research designs. Treatment methods, including reinforcement, replacement behaviors, and other effective strategies. The role of the differential diagnosis in ABA treatment planning. Specific deficit areas: communication, social skills, stereotypies/rituals. Target behaviors, such as self-injury, aggression, adaptive and self-help problems. ASD-related training concerns, including maintenance and transition issues, and parent training programs. This volume is a vital resource for researchers, graduate students, and professionals in clinical child and school psychology as well as the related fields of education and mental health.**

Economically Speaking

Essays in Honour of Chris Braecke

Maklu

Effective Math Interventions

A Guide to Improving Whole-Number Knowledge

Guilford Publications **Building foundational whole-number knowledge can help put K-5 students on the path to academic success and career readiness. Filling a gap for school practitioners, this book presents step-by-step guidelines for designing and implementing classwide, small-group, and individual interventions for mathematics difficulties. Effective procedures for screening, assessment, intervention selection, and progress monitoring are described and illustrated with detailed case vignettes. User-friendly features include 20 reproducible handouts and forms; the print book has a large-size format with lay-flat binding for easy photocopying. Purchasers get access to a Web page where they can download and print the reproducible materials. This book is in The Guilford Practical Intervention in the Schools Series, edited by T. Chris Riley-Tillman.**

The Insomnia Workbook

A Comprehensive Guide to Getting the Sleep You Need

New Harbinger Publications **Forget expensive mattresses, fancy foam pillows, and white noise machines. There's no better treatment for insomnia than cognitive behavioral therapy (CBT). Research has shown that CBT works even better than powerful sleep medications, and with this workbook, it's easier than ever to put these strategies to work to help you ward off insomnia and finally get to sleep. The Insomnia Workbook is designed to simulate the experience of seeing a professional CBT sleep specialist. First, you'll assess your sleep habits with questionnaires and evaluate how your sleep problem affects your life; then you'll learn a variety of proven techniques sleep specialists recommend to their clients. This book includes all of the tools you need to better understand your insomnia and create an effective plan for getting the sleep you need. With this complete program, you'll: Stop the racing thoughts that keep you awake at night Train yourself to sleep using stimulus control, sleep restriction, and deep relaxation skills Identify foods and lifestyle factors that may be making things worse Keep a personal sleep log to track your progress**

Critical Thinking

Taylor & Francis **Critical Thinking provides language teachers with a dynamic framework for encouraging critical thinking skills in explicit, systematic ways during their lessons. With the proliferation of fallacious arguments, "fake news," and untrustworthy sources in today's multimedia landscape, critical thinking skills are vital not only in one's native language, but also when engaged in the task of language learning. Written with the language teacher in mind, this book provides a springboard for teaching critical thinking skills in multicultural, multilingual classrooms. Suitable for graduate students, in-training teachers, and language curriculum developers interested in purposeful applications of**

critical thinking pedagogy for the second-language classroom, this volume presents classroom activities, suggestions for lesson planning, and ideas for researching the impact of critical thinking activities with second-language learners. This book is ideal as an invaluable resource for teacher-directed classroom investigations as well as graduate dissertation projects.

Encyclopedia of Behavior Modification and Cognitive Behavior Therapy

SAGE **The three-volume Encyclopedia of Behavior Modification and Cognitive Behavior Therapy provides a thorough examination of the components of behavior modification, behavior therapy, cognitive behavior therapy, and applied behavior analysis for both child and adult populations in a variety of settings. Although the focus is on technical applications, entries also provide the historical context in which behavior therapists have worked, including research issues and strategies. Entries on assessment, ethical concerns, theoretical differences, and the unique contributions of key figures in the movement (including B. F. Skinner, Joseph Wolpe, Aaron T. Beck, and many others) are also included. No other reference source provides such comprehensive treatment of behavior modification—history, biography, theory, and application.**

UM99 User Modeling

Proceedings of the Seventh International Conference

Springer **User modeling researchers look for ways of enabling interactive software systems to adapt to their users-by constructing, maintaining, and exploiting user models, which are representations of properties of individual users. User modeling has been found to enhance the effectiveness and/or usability of software systems in a wide variety of situations. Techniques for user modeling have been developed and evaluated by researchers in a number of fields, including artificial intelligence, education, psychology, linguistics, human-computer interaction, and information science. The biennial series of International Conferences on User Modeling provides a forum in which academic and industrial researchers from all of these fields can exchange their complementary insights on user modeling issues. The published proceedings of these conferences represent a major source of information about developments in this area.**

Resources for Teaching Discrete Mathematics

Classroom Projects, History Modules, and Articles

MAA **Resources for Teaching Discrete Mathematics presents nineteen classroom tested projects complete with student handouts, solutions, and notes to the instructor. Topics range from a first day activity that motivates proofs to applications of discrete mathematics to chemistry, biology, and data storage. Other projects provide: supplementary material on classic topics such as the towers of Hanoi and the Josephus problem, how to use a calculator to explore various course topics, how to employ Cuisenaire rods to examine the Fibonacci numbers and other sequences, and how you can use plastic pipes to create a geodesic dome. The book contains eleven history modules that allow students to explore topics in their original context. Sources range from eleventh century Chinese figures that prompted Leibniz to write on binary arithmetic, to a 1959 article on automata theory. Excerpts include: Pascal's "Treatise on the Arithmetical Triangle," Hamilton's "Account of the Icosian Game," and Cantor's (translated) "Contributions to the Founding of the Theory of Transfinite Numbers." Five articles complete the book. Three address extensions of standard discrete mathematics content: an exploration of historical counting problems with attention to discovering formulas, a discussion of how computers store graphs, and a survey connecting the principle of inclusion-exclusion to Möbius inversion. Finally, there are two articles on pedagogy specifically related to discrete mathematics courses: a summary of adapting a group discovery method to larger classes, and a discussion of using logic in encouraging students to construct proofs.**

Brief Cognitive-Behavioral Therapy for Suicide Prevention

Guilford Publications **An innovative treatment approach with a strong empirical evidence base, brief cognitive-behavioral therapy for suicide prevention (BCBT) is presented in step-by-step detail in this authoritative manual. Leading treatment developers show how to establish a strong collaborative relationship with a suicidal patient, assess risk, and immediately work to establish safety. Proven interventions are described for building emotion regulation and crisis management skills and dismantling the patient's suicidal belief system. The book includes case examples, sample dialogues, and 17 reproducible handouts, forms, scripts, and other clinical tools. The large-size format facilitates photocopying; purchasers also get access to a Web page where they can download and print the reproducible materials.**

Social and Institutional Analysis

Reading First and Beyond

The Complete Guide for Teachers and Literacy Coaches

Corwin Press **Reading proficiency is the most fundamental learning skill, critical to students' success. Renowned educators and authors Cathy Collins Block and Susan Israel present an indispensable guide that will give teachers and literacy coaches crystal clear understanding of the evidenced-based instructional practices required by Reading First Legislation, along with the tools to incorporate them. The authors further expand the support for enriched classroom practice through evidence and practical how-to advice for additional domains that show proven benefits for students, including writing, metacognition and oral language. Through their explanations, teaching directions, and sample lessons, this resource bridges the gap between key research and daily reading classroom teaching. It also summarizes the educator-relevant provisions and requirements of Reading First and the No Child Left Behind federal programs. Each chapter includes: Short classroom-relevant research summaries for teachers- What teachers need to know about phonics, phonemic awareness, vocabulary, comprehension, and fluency- Lesson plans addressing each literacy domain- Components to assess learning- Strategies to differentiate for special learners, ELL, and advanced readers. Reading First and Beyond is packed with enriching ideas for all educators that will enhance their list of literacy instructional strategies, helping them achieve high levels of reading proficiency from all students.**

Annual Review of Behavior Therapy

Theory & practice

Consists of articles reprinted from various journals.

Looking at Ourselves and Others

"Looking at Ourselves and Others contains lesson plans, activities, and readings that help students understand components of their own culture and leads them to appreciate and understand differences between their culture and that of others."--Home page.

Mathematics as a Constructive Activity

Learners Generating Examples

Routledge **This book explains and demonstrates the teaching strategy of asking learners to construct their own examples of mathematical objects. The authors show that the creation of examples can involve transforming and reorganizing knowledge and that, although this is usually done by authors and teachers, if the responsibility for making examples is transferred to learners, their knowledge structures can be developed and extended. A multitude of examples to illustrate this is provided, spanning primary, secondary, and college levels. Readers are invited to learn from their own past experience augmented by tasks provided in the book, and are given direct experience of constructing examples through a collection of many tasks at many levels. Classroom stories show the practicalities of introducing such shifts in mathematics education. The authors examine how their approach relates to improving the learning of mathematics and raise future research questions. *Based on the authors' and others' theoretical and practical experience, the book includes a combination of exercises for the reader, practical applications for teaching, and solid scholarly grounding. *The ideas presented are generic in nature and thus applicable across every phase of mathematics teaching and learning. *Although the teaching methods offered are ones that engage learners imaginatively, these are also applied to traditional approaches to mathematics education; all tasks offered in the book are within conventional mathematics curriculum content. Mathematics as a Constructive Activity: Learners Generating Examples is intended for mathematics teacher educators, mathematics teachers, curriculum developers, task and test designers, and classroom researchers, and for use as a text in graduate-level mathematics education courses.**

Learning and Instruction

Prentice Hall **How do people learn? How can instruction promote learning? This new book by a noted scholar thoroughly and succinctly answers these two fundamental educational psychology questions. The author focuses on the "big" ideas, preferring that readers understand a few exemplary ideas deeply, rather than numerous ideas superficially. The book uses clear definitions, concrete examples, and a conversational writing style that easily engages readers by addressing them directly. Coverage is organized around two "sides" of the educational "coin:" learning in subject areas and instructional methods that foster meaningful learning; and explaining what research says about the learning/teaching process. For professionals in the field of Education Psychology.**

Resources in Education

The Anxiety and Worry Workbook

The Cognitive Behavioral Solution

Guilford Press **If you're seeking lasting relief from out-of-control anxiety, this is the book for you. It is grounded in cognitive behavior therapy, the proven treatment approach developed and tested over more than 25 years by pioneering clinician-researcher Aaron T. Beck. Now Dr. Beck and fellow cognitive therapy expert David A. Clark put the tools and techniques of cognitive behavior therapy at your fingertips in this compassionate guide. Carefully crafted worksheets (you can download and print additional copies as needed), exercises, and examples reflect the authors' decades of experience helping people just like you. Learn practical strategies for identifying your anxiety triggers, challenging the thoughts and beliefs that lead to distress, safely facing the situations you fear, and truly loosening anxiety's grip--one manageable step at a time. Association for Behavioral and Cognitive Therapies (ABCT) Self-Help Book of Merit**

Maple in Mathematics Education and Research

4th Maple Conference, MC 2020, Waterloo, Ontario, Canada, November 2–6, 2020, Revised Selected Papers

Springer Nature **This book constitutes refereed proceedings of the 4th Maple Conference, MC 2020, held in Waterloo, Ontario, Canada, in November 2020. The 25 revised full papers and 3 short papers were carefully reviewed and selected out of 75 submissions, one invited paper is also presented in the volume. The papers included in this book cover topics in education, algorithms, and applciations of the mathematical software Maple.**

Psychological and Educational Perspectives on Learning Disabilities

Orlando, Fla. ; Montréal : Academic Press

Designing, Constructing, and Programming Robots for Learning

IGI Global **The field of robotics in a classroom context has seen an increase in global momentum recently because of its positive contributions in the teaching of science, technology, engineering, mathematics (STEM) and beyond. It is argued that when robotics and programming are integrated in developmentally appropriate ways, cognitive skill development beyond STEM can be achieved. The development of educational robotics has presented a plethora of ways in which students can be assisted in the classroom. Designing, Constructing, and Programming Robots for Learning highlights the importance of integrating robotics in educational practice and presents various ways for how it can be achieved. It further explains how 21st century skills and life skills can be developed through the hands-on experience of educational robotics. Covering topics such as computational thinking, social skill enhancement, and teacher training, this text is an essential resource for engineers, educational software developers, teachers, professors, instructors, researchers, faculty, leaders in educational fields, students, and academicians.**

Response to Intervention, Second Edition

Principles and Strategies for Effective Practice

Guilford Press **This bestselling work provides practitioners with a complete guide to implementing response to intervention (RTI) in schools. The authors are leading experts who explain the main components of RTI--high-quality instruction, frequent assessment, and data-based decision making--and show how to use it to foster positive academic and behavioral outcomes for all students. Implementation procedures are described in step-by-step detail. In a large-size format with lay-flat binding to facilitate photocopying, the book includes reproducible planning and implementation worksheets. The companion website features an accompanying PowerPoint presentation for use in RTI training. This book is in The Guilford Practical Intervention in the Schools Series, edited by T. Chris Riley-Tillman. New to this Edition *Includes extensive new research that reflects the increasing adoption of RTI nationwide. *Expanded to include behavioral interventions. *Chapter on effective instructional practices for general education. *Chapter on**

implementation at the whole-school and district levels. *Chapter featuring multiple intervention case studies. See also Assessment for Intervention, Second Edition, which details a wide range of assessment procedures ideal for implementation in an RTI framework.

RTI Applications, Volume 1

Academic and Behavioral Interventions

<u>Guilford Press</u> **This book addresses a crucial aspect of sustaining a response-to-intervention (RTI) framework in a school: selecting interventions with the greatest likelihood of success and implementing them with integrity. Leading RTI experts explain how to match interventions to students' proficiency levels, drawing on cutting-edge research about the stages of learning. Effective academic and behavioral interventions for all three tiers of RTI are described in step-by-step detail and illustrated with vivid case examples. In a large-size format with lay-flat binding for easy photocopying, the book features more than 40 reproducible planning tools and other helpful forms. Purchasers also get access to a Web page where they can download and print the reproducible materials. This book is in The Guilford Practical Intervention in the Schools Series, edited by T. Chris Riley-Tillman. See also RTI Applications, Volume 2: Assessment, Analysis, and Decision Making, which provides tools for assessing the effectiveness of RTI practices.**