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Promoting Successful Transition to Adulthood for Students with Disabilities Robert L. Morgan 2016-02-01 Comprehensively addressing the challenges of transition, this book provides practical knowledge and tools geared toward real-world educators. It presents clear guidelines for all aspects of team-based transition planning for individuals with various levels of disability, illustrated with vignettes of three secondary students who are followed throughout the book. The authors describe evidence-based practices for conducting assessments and promoting optimal outcomes in the areas of employment, postsecondary education, and independent living. Keys to family involvement, self-determination, interagency collaboration, and problem solving are highlighted. Several reproducible forms can be downloaded and printed in a convenient 8 1/2" x 11" size.

Instructional Strategies for Students With Mild, Moderate, and Severe Intellectual Disability Richard M. Gargiulo 2017-01-20 Strategies for Students with Mild, Moderate, and Severe Intellectual Disabilities is a textbook for undergraduate and graduate students enrolled in special and general education teacher preparation programs (as well as practicing professionals) offering a solid, research based text on instructional methodologies for teaching students with intellectual disability across the spectrum of intellectual abilities. The book addresses both academic and functional curricula in addition to behavioral interventions. Additionally, Instructional Strategies for Students Mild, Moderate, and Severe Intellectual Disability adopts developmental or life span approach covering preschool through adolescence and young adulthood.

Functional Curriculum for Elementary, Middle, and Secondary Age Students with Special Needs Paul Wehman 2004

Psychophysiology of the Frontal Lobes K. H. Pribram 2013-10-22 Psychophysiology of the Frontal Lobes covers the frontal lobe function. The book discusses the modern concepts relating to the problem of the frontal lobes; the effect of frontal lesions on the electrical activity of the brain of human; and the nature of the electrical activity of the frontal cortex in human. The text then describes the nature of electrical activity in the frontal cortex of nonhuman primates; the relationship between frontal cortex and subcortical brain function; as well as experimentally based models of frontal lobe function. Psychologists, psychiatrists, and neurologists will find the book invaluable.

Teaching Students with Moderate and Severe Disabilities, Second Edition Diane M. Browder 2020-01-22 For years the text of choice for developing excellence as a teacher of K-12 students with moderate and severe disabilities, this clearly written work has now been revised and updated. Chapters provide step-by-step procedures for designing standards-based individualized education plans and evaluating and enhancing student progress. Methods and materials for teaching literacy, mathematics, science, and social studies are described in depth. The book also describes effective ways to build functional daily living skills. User-friendly features include extensive vignettes and classroom examples, end-of-chapter application exercises, and reproducible planning and assessment tools. Purchasers get access to a Web page where they can download and print the reproducible materials in a convenient 8 1/2" x 11" size. New to This Edition *Reflects important advances in research and evidence-based practice. *Chapter on collaborating with culturally diverse families, plus a stronger multicultural focus throughout. *Chapter on writing instruction. *Two additional chapters on reading and math, ensuring coverage of both foundational and grade-aligned skills. *Increased attention to students with autism spectrum disorder and to uses of technology.

Routines and Transitions Nicole Malenfant 2006-09-01 Making the routines and transitions constituting over 50% of the childcare day a quality learning experience.

The Special Educator's Guide to Assessment Tara S. Guerriero 2020-07-23 Special education students often learn about the characteristics of disabilities, but can lack an understanding of the relationship between diagnostic assessment and eligibility for special education services. The Special Educator's Guide to Assessment: A Comprehensive Overview by IDEA Disability Category focuses on the role that assessment plays in the diagnosis of a disability, determination of eligibility for special education services, and education of students with disabilities to provide a meaningful interconnection between assessment concepts and classroom application for teachers. Authors Tara S. Guerriero, Mary A. Houser, and Vicki A. McGinley want to ensure that future special education teachers have the preparation to provide comprehensive instruction to P-12 students through this text. While special education teachers are often not the ones conducting comprehensive evaluations, it is paramount that they understand their students' individual characteristics, and understand how assessment is used to determine diagnosis and eligibility. Framing the text around The Individuals with Disabilities Act (IDEA) provides students with concrete standards by which all disabilities are evaluated and regulated in our public educational system. Part I introduces the basic topics of assessment, ethics, and assessment types. Part II moves on to provide diagnostic and eligibility criteria according to IDEA categories that are most commonly diagnosed in an educational setting while Part III describes the criteria for IDEA categories most commonly diagnosed in a medical setting. Features like case studies and sample comprehensive evaluations help bring to life assessment and how it applies in real classrooms.

The Exceptional Teacher's Handbook Carla F. Shelton 2009-02-27 This revised, updated edition of a bestseller includes planning checklists, ready-to-use forms, and best practices to help special educators successfully navigate their first year.

Transforming the Workforce for Children Birth Through Age 8 National Research Council 2015-07-23 Children are already learning at birth, and they develop and learn at a rapid pace in their early years. This provides a critical foundation for lifelong progress, and the adults who provide for the care and the education of young children bear a great responsibility for their health, development, and learning. Despite the fact that they share the same objective - to nurture young children and secure their future success - the various practitioners who contribute to the care and the education of children from birth through age 8 are not acknowledged as a workforce unified by the common knowledge and competencies needed to do their jobs well. Transforming the Workforce for Children Birth Through Age 8 explores the science of child development, particularly looking at implications for the professionals who work with children. This report examines the current capacities and practices of the workforce, the settings in which they work, the policies and infrastructure that set qualifications and provide professional learning, and the government agencies and other funders who support and oversee these systems. This book then makes recommendations to improve the quality of professional practice and the practice environment for care and education professionals. These detailed recommendations create a blueprint for action that builds on a unifying foundation of child development and early learning, shared knowledge and competencies for care and education professionals, and principles for effective professional learning. Young children thrive and learn best when they have secure, positive relationships with adults who are knowledgeable about how to support their development and learning and are responsive to their individual progress. Transforming the Workforce for Children Birth Through Age 8 offers guidance on system changes to improve the quality of professional practice, specific actions to improve professional learning systems and workforce development, and research to continue to build the knowledge base in ways that will directly advance and inform future actions. The recommendations of this book provide an opportunity to improve the quality of the care and the education that children receive, and ultimately improve outcomes for children.

Teaching Students with Severe Disabilities David L. Westling 2000 This text is appropriate for Severe or Multiple Disabilities Methods courses. This text provides comprehensive coverage of all the issues pertinent to teaching students with severe disabilities. Covering both methodology and curricular areas, topics are presented in the chronological order in which a teacher would approach them: Prior considerations, planning and assessment, general instructional procedures, and finally, procedures specific to teaching specific skills.

High Frequency Picture Words Gr. PK-2 Staci Marck 2009-12-01 Picture associations will aid young readers in developing anchor words to increase their oral and written language. Our resource will increase vocabulary, sight word recognition and comprehension as students identify 120 common nouns using real-life pictures as an aid. Unscramble the words that match the pictures. Then, write the word on the lines. Write the nouns in the boxes that match the shape of the word before printing them on the line. Then, draw a picture of the word. Match the food, clothing, or body part word to its picture. Then, print the word on the lines. Many of these picture words can be used to help spell similar words by analogy. Aligned to your State Standards and written to Bloom's Taxonomy, reproducible writing tasks, picture word flash cards, crossword, word search, comprehension quiz and answer key are also included.

Growing Up with Autism Robin L. Gabriels 2010-11-22 Individuals with autism and their caregivers face unique challenges in later childhood and adolescence. This volume translates research on the needs of this population into practical recommendations for clinicians and

educators. The book features vivid case examples and an in-depth, reproducible assessment form. Accessible guidance and hands-on suggestions are provided for supporting positive behavior, communication, and social skills; managing issues related to mental and physical health and sexuality; helping families access services and navigate the legal system; and optimizing the educational and transition planning process.

Mental Images in Human Cognition R.H. Logie 1991-06-25 This book represents the research efforts of individuals whose scientific expertise lies in reflection on what Sartre described as reflective acts. Theory in the cognitive psychology of mental imagery, endeavors not only being able to describe the contents and nature of mental imagery, but also being able to understand the underlying functional cognition. Psychologists need not solely rely on the techniques of introspection, and the last two decades have seen highly creative developments in techniques for eliciting behavioural data to be complemented by introspective reports. This level of sophistication has provided singular insights into the relationship between imagery and other consequential and universal aspects of human cognition: perception, memory, verbal processes and problem solving. The recognition that imagery, despite its ubiquitous nature, differs between individuals both in prevalence and in kind, and the dramatic rise in cognitive science has provided the additional potential for integrating our understanding of cognitive function with our understanding of neuroanatomy and of computer science. All of these relationships, developments and issues are dealt with in detail in this book, by some of the most distinguished authors in imagery research, working at present in both Europe and the USA.

Adaptive Behavior Assessment System-II Thomas Oakland 2011-10-10 Adaptive Behavior Assessment System-II summarizes information on adaptive behavior and skills as well as general issues in adaptive behavior assessment with the goal of promoting sound assessment practice during uses, interpretations, and applications of the Adaptive Behavior Assessment System-II. Adaptive behavior and skills refer to personal qualities associated with the ability to meet one's personal needs such as communication, self-care, socialization, etc. and those of others. Data from measures of adaptive behavior have been used most commonly in assessment and intervention services for persons with mental retardation. However, the display of adaptive behaviors and skills is relevant to all persons. The Adaptive Behavior Assessment System-II (ABAS-II) provides a comprehensive, norm-referenced assessment of the adaptive behavior and skills of individuals from birth through age 89. The comprehensive nature of the ABAS-II, ease in administration and scoring, and wide age range have resulted in its widespread use for a large number of assessment purposes. The book provides practical information and thus serves as a valuable resource for those who use the ABAS-II. Assists in the functional use of the ABAS-II Provides case studies illustrating use of the ABAS-II in comprehensive assessment and intervention planning Reviews scholarship on adaptive behaviors and skills Describes legal, ethical, and other professional standards and guidelines that apply to the use of the ABAS-II and other measures of adaptive behavior Discusses the use of the ABAS-II with autism, mental retardation; young children and those in elementary and secondary school; as well as incarcerated persons being evaluated for possible mental retardation

Occupational Therapy with Children Sylvia Rodger 2006-06-05 Occupational Therapy with Children draws on contemporary research to examine children's roles, their occupations and the skills which underpin their ability to participate in society. The book will develop the occupational therapist's understanding of how to optimise the participation of children in the various environments in which they are required or choose to engage. Occupational Therapy with Children maintains a developmental perspective and incorporates child-centred interventions to improve performance deficits. Section one examines children's roles and occupations in contemporary society at a broad level. Coverage includes the child's participation in the family, at school and in the community. This section considers environmental influences on childhood activities, and highlights children's changing occupational time use and the impact this has on health and wellbeing. Section two focuses on childhood as a period of significant development and skill acquisition. This is profiled as a dynamic period for the therapist to encourage occupational mastery across the spectrum of childhood experience: in play; in self-care; as a student; and beyond the school grounds. Topical chapters evaluate participation in physical activity and consider the potential for 'healthy' leisure, along with the risk characteristics associated with certain approaches to leisure. Occupational Therapy with Children is aimed at students and practitioners of occupational therapy. Other childhood professionals, particularly early childhood educators, will also appreciate the articulate approach this book takes towards the development of the child. Highly illustrated with contemporary photographs, drawings and succinct tables Includes case studies; providing worked examples of therapeutic applications Draws on the World Health Organisation International Classification of Functioning, Disability and Health (ICF) to frame the concept of children's occupations and societal participation Responsive to developments in occupational science Expert contributors provide international perspectives From the Foreword by Professor Charles Christiansen, The University of Texas Medical Branch, Galveston [Occupational therapists] will find that this book provides a framework that makes planning effective therapy with children practical, relevant, and effective . . . [Rodger & Ziviani's] contribution to the literature has helped unleash the genie of occupation in the service of improved therapy with children.

Lesson Plan a la Carte Valerie Paradiz 2011-11-15 System teams can ensure consistency and thoroughness in lesson plans and learning objectives for students with special needs. Forms and blank templates are available on accompanying CD-ROM.

Ergonomics in Design Marcelo M. Soares 2016-09-19 Currently people deal with various entities (such as hardware, software, buildings, spaces, communities and other people), to meet specific goals while going about their everyday activities in work and leisure environments. These entities have become more and more complex and incorporate functions that hitherto had never been allocated such as automation, use in virtual environments, connectivity, personalization, mobility and friendliness. This book contributes to the analysis of human-system interactions from the perspective of ergonomics, regardless of how simple or complex they are, while incorporating the needs of users and workers in a healthy safe, efficient and enjoyable manner. This book provides a comprehensive review of the state of the art of current ergonomic in design methods and techniques that are being applied to products, machinery, equipment, workstations and systems while taking new technologies and their applications into consideration. Ergonomics in Design: Methods and Techniques is organized into four sections and 30 chapters covering topics such as conceptual aspects of ergonomics in design, the knowledge of human characteristics applied to design, and the methodological aspects of design. Examples are shown in several areas of design including, but not limited to, consumer products, games, transport, education, architecture, fashion, sustainability, biomechanics, intelligent systems, virtual reality, and neurodesign. This book will: Introduces the newest developments in social-cultural approaches Shows different ergonomics in design methodological approaches Divulges the ways that ergonomics can contribute to a successful design Applies different subjects to support the design including -ergonomics, engineering, architecture, urbanism, neuro, and product designs. Presents recent technologies in ergonomic design, as applied to product design. With the contributions from a team of 75 researchers from 11 countries, the book covers the state-of-the-art of ergonomics in a way to produce better design.

Applications of Neuroscience: Breakthroughs in Research and Practice Management Association, Information Resources 2018-03-02 Neuroscience is a multidisciplinary research area that evaluates the structural and organizational function of the nervous system. Advancing research and applications in this field can assist in successfully furthering advancements in various other fields. Applications of Neuroscience: Breakthroughs in Research and Practice is a comprehensive reference source for the latest scholarly material on trends, techniques, and various uses of neuroscience, and examines the benefits and challenges of these developments. Highlighting a range of pertinent topics, such as cognitive processes, neuroeconomics, and neural signal processing, this publication is ideally designed for researchers, academics, professionals, graduate-level students, and practitioners interested in emerging applications of neuroscience.

Researching Society and Culture Clive Seale 2017-11-17 Written by internationally renowned experts, each chapter provides a full introduction to a key aspect of research methodology. From starting out to generating, analysing, and presenting data, this new edition covers foundational concepts in social research while also keeping students on the pulse of topics like digital social research, social surveys, and big data. Packed with international examples from across the social sciences, it shows how to interpret and work with data generated from real-world research. It gives you the tools to: - Design the right research question for your project - Access, understand, and use existing data - Effectively write up projects and assignments - Be confident in the A to Z of the research process Supported by an interactive website with videos, datasets, templates, and additional exercises, this book is the perfect hand-holder for any social science student starting a methods course or project.

Autism Spectrum Disorder Christopher McDougale 2016-01-22 The Primer on Autism Spectrum Disorder provides a quick yet comprehensive overview of clinically-relevant topics related to autism spectrum disorder (ASD) for the medical or mental health student, trainee, or recent graduate who seeks efficient learning. Chapters are designed to give an overview of a topic area in real time while on a rotation; while studying for professional board examinations in primary care, pediatrics, neurology or psychiatry; or even during preparation for a presentation or discussion scheduled to occur the next day. The sections include Background and Diagnostic Assessment, Etiology, Treatment, and Other Care Delivery Services and Perspectives, with each chapter written by an internationally recognized expert in the field. The chapters on diagnosis and treatment are written from a practical "how to" perspective. Those on etiology are written with the clinician in mind. These clinically-focused chapters include one or more vignettes that present simulated patient cases designed to highlight teaching points related to each chapter's content area. The book ends with a chapter written by family members of individuals with ASD and another written by an adult with ASD that illustrate the human impact these disorders have on day-to-day lives, hopes, and dreams. At the end of each chapter, "Key Points" for summarizing the intended take home messages of each author/authors are listed.

The SAGE Handbook of Autism and Education Rita Jordan 2019-07-29 Education is an important aspect of the environmental influences on autism and effective education can have a significant effect on outcome for those on the autism spectrum. This handbook is a definitive resource for reflective practitioners and researchers who wish to know and understand current views of the nature of autism and best practice in educational support. It explores the key concepts, debates and research areas in the field.

Examining Fractal Image Processing and Analysis Nayak, Soumya Ranjan 2019-10-18 Digital image processing is a field that is constantly improving. Gaining high-level understanding from digital images is a key requirement for computing. One aspect of study that is assisting with this advancement is fractal theory. This new science has gained momentum and popularity as it has become a key topic of research in the area of image analysis. Examining Fractal Image Processing and Analysis is an essential reference source that discusses fractal theory applications and analysis, including box-counting analysis, multi-fractal analysis, 3D fractal analysis, and chaos theory, as well as recent trends in other soft computing techniques. Featuring research on topics such as image compression, pattern matching, and artificial neural networks, this book is ideally designed for system engineers, computer engineers, professionals, academicians, researchers, and students seeking coverage on problem-oriented processing techniques and imaging technologies.

Oliver West! It's Time to Get Dressed! Louise Kelly 2019

The Autism Spectrum Mark Reber 2012-10-11 Written for the wide range of physicians and professionals who treat children and adults with autism spectrum disorders (ASDs), this book reviews the scientific research on the nature and causes of autism, outlines best treatment practices with children and describes a comprehensive assessment and treatment approach for adults. Topics covered include: • Classification, epidemiology and diagnosis • Neurodevelopmental abnormalities • Recommendations for early screening and evaluating at-risk children • Early interventions based on applied behavioral analysis • The critical role of special education, speech-language therapy, occupational therapy and assistive technology in treating children • Pharmacotherapy • Complementary and alternative treatments • Development of individualized and person-centered treatments for adults The Autism Spectrum is an invaluable resource for all those working with ASDs including pediatricians, psychiatrists, behavioral psychologists, special educators, nurses and therapists.

"My body and my clothes" as topic in English Classes in Primary School Robert Cramer 2020-03-25 Seminar paper from the year 2019 in the subject Didactics - English - Literature, Works, grade: 2,0, Bielefeld University, course: Teaching English as a Foreign Language, language: English, abstract: My paper investigates the topic "my body and my clothes" off the beaten track with a picture book. Froggy gets dressed is a picturebook by Jonathan London and Frank Remkiewicz. It is useful for teaching English in Primary schools. This paper deals with an analysis of the picture book and also takes a look at the practical part in an EFL classroom.

The Oxford Handbook of School Psychology Melissa A. Bray 2013-09-05 The Oxford Handbook of School Psychology focuses on significant issues, new developments, and scientific findings that influence current research and practice in the ever-growing field of school psychology.

Occupational Therapy for Children and Adolescents - E-Book Jane Case-Smith 2014-10-27 Focusing on children from infancy to adolescence, Occupational Therapy for Children and Adolescents, 7th Edition provides comprehensive, full-color coverage of pediatric conditions and treatment techniques in all settings. Its emphasis on evidence-based practice includes updated references, research notes, and explanations of the evidentiary basis for specific interventions. And coverage of new research and theories, new techniques, and current trends, with additional case studies, keeps you in step with the latest advances in pediatric OT practice. Written by educators Jane Case-Smith and Jane Clifford O'Brien, this text is the Number One book in pediatric OT! Case studies help you apply concepts to actual situations you may encounter in practice. Research Notes boxes and evidence-based summary tables help you interpret evidence and strengthen your clinical decision-making skills. Learning resources on Evolve include video clips, review activities, and additional case studies. Learning objectives indicate what you will be learning in each chapter and serve as checkpoints in studying for examinations. A glossary makes it easy to look up key terms. NEW video clips and case studies on the Evolve website demonstrate important concepts and rehabilitation techniques. NEW Autism Spectrum Disorder chapter contains important information for OTs not addressed in other texts. NEW Neuromotor: Cerebral Palsy chapter addresses the most prevalent cause of motor dysfunction in children. NEW Adolescent Development chapter helps you manage the special needs of teenagers and young adults. NEW contemporary design includes full-color photos and illustrations. UPDATED content and references ensure you have access to the comprehensive, research-based information that will guide you in making optimal decisions in practice.

The Verbal Behavior Approach Mary Lynch Barbera 2007-05-15 The Verbal Behavior (VB) approach is a form of Applied Behavior Analysis (ABA), that is based on B.F. Skinner's analysis of verbal behavior and works particularly well with children with minimal or no speech abilities. In this book Dr. Mary Lynch Barbera draws on her own experiences as a Board Certified Behavior Analyst and also as a parent of a child with autism to explain VB and how to use it. This step-by-step guide provides an abundance of information about how to help children develop better language and speaking skills, and also explains how to teach non-vocal children to use sign language. An entire chapter focuses on ways to reduce problem behavior, and there is also useful information on teaching toileting and other important self-help skills, that would benefit any child. This book will enable parents and professionals unfamiliar with the principles of ABA and VB to get started immediately using the Verbal Behavior approach to teach children with autism and related disorders.

Spinal Imaging and Image Analysis Shuo Li 2014-12-17 This book is instrumental to building a bridge between scientists and clinicians in the field of spine imaging by introducing state-of-the-art computational methods in the context of clinical applications. Spine imaging via computed tomography, magnetic resonance imaging, and other radiologic imaging modalities, is essential for noninvasively visualizing and assessing spinal pathology. Computational methods support and enhance the physician's ability to utilize these imaging techniques for diagnosis, non-invasive treatment, and intervention in clinical practice. Chapters cover a broad range of topics encompassing radiological imaging modalities, clinical imaging applications for common spine diseases, image processing, computer-aided diagnosis, quantitative analysis, data reconstruction and visualization, statistical modeling, image-guided spine intervention, and robotic surgery. This volume serves a broad audience as contributions were written by both clinicians and researchers, which reflects the intended readership as well, being a potentially comprehensive book for all spine related clinicians, technicians, scientists, and graduate students.

Activity Schedules for Children with Autism Lynn E. McClannahan 2010 "A revolutionary teaching tool, an activity schedule is a set of pictures and/or words that cue children and adults to perform tasks, engage in activities, or enjoy rewards. For example, activity schedules can help a person do laundry, talk to a classmate, or play with toys. This new edition of the bestselling guide for families and professionals covers all the exciting successes and far-reaching impacts of using activity schedules--increased independence, social interaction, self-management--and provides the reader with step-by-step guidance for creating and implementing them"--Cover, p. 4.

Community-based Instructional Support David Wesley Test 1996 This book offers practical guidelines on applying instructional strategies for adults learning community-based tasks and preparing to live, work, and play in their communities.

Instruction of Students with Severe Disabilities Martha E. Snell 2006 For Methods courses in Severe/Multiple Disabilities and Moderate and Severe Disabilities. This highly successful text addresses the full range of curriculum topics involved in educating individuals with severe disabilities. Instruction of Students with Severe Disabilities examines the principles behind teaching students with severe and multiple disabilities. This edition includes more information on alternative assessment, a stronger focus on positive behavior interventions and supports, and additional strategies on peer relationships.

Handbook of Intellectual Disabilities Johnny L. Matson 2019-09-03 This handbook offers a comprehensive review of intellectual disabilities (ID). It examines historical perspectives and foundational principles in the field. The handbook addresses philosophy of care for individuals with ID, as well as parent and professional issues and organizations, staffing, and working on multidisciplinary teams. Chapters explore issues of client protection, risk factors of ID, basic research issues, and legal concerns. In addition, chapters include information on evidence-based assessments and innovative treatments to address a variety of behaviors associated with ID. The handbook provides an in-depth analysis of comorbid physical disorders, such as cerebral palsy, epilepsy and seizures, and developmental coordination disorders (DCD), in relation to ID. Topics featured in this handbook include: Informed consent and the enablement of persons with ID. The responsible use of restraint and seclusion as a protective measure. Vocational training and job preparation programs that assist individuals with ID. Psychological and educational approaches to the treatment of aggression and tantrums. Emerging technologies that support learning for students with ID. Key sexuality and relationship issues that are faced by individuals with ID. Effective approaches to weight management for individuals with intellectual and developmental disabilities. The Handbook of Intellectual Disabilities is an essential reference for researchers, graduate students, clinicians and related therapists and professionals in clinical child and school psychology, pediatrics, social work, developmental psychology, behavioral therapy/rehabilitation, child and adolescent psychiatry, and special education.

Autism Spectrum Disorders Peter Sturmey 2007

Assistive Technology and Autism Spectrum Disorders: Research-Based Practice and Innovation in the Field Seat Center ATIA 2010-04-28 This special issue of Assistive Technology Outcomes and Benefits focuses on research related to assistive technology applications for children with autism.

An Introduction to Young Children With Special Needs Richard M. Gargiulo 2018-12-07 An Introduction to Young Children with Special Needs:

Birth Through Age Eight is a comprehensive introduction to educational policies, programs, practices, and services for future practitioners serving young children with delays or disabilities in early intervention-early childhood special education (EI-ECSE). Thoughtfully addressing the needs of children at risk for learning or development delays or disabilities, revered authors Richard M. Gargiulo and Jennifer L. Kilgo offer evidence-based interventions and instructional techniques that provide students with a broad understanding of important theoretical and philosophical foundations, including evidence-based decision making, developmentally appropriate practices, cultural responsiveness, and activity-based intervention. The Fifth Edition includes the latest developments in and influences on the field of early intervention and early childhood special education, including the Division for Early Childhood's (DEC) Recommended Practices, which are infused throughout the text. With the support of this current and innovative book, readers will gain a firm understanding of the complex field of EI-ECSE to assist them in their future study and careers. A Complete Teaching & Learning Package Contact your rep to request a demo, answer your questions, and explore the robust tools and resources available with this text. SAGE Premium Video Included in the interactive eBook! SAGE Premium Video tools and resources boost comprehension and bolster analysis. Learn more. Interactive eBook Your students save when you bundle the print version with the Interactive eBook (Bundle ISBN: 978-1-5443-6571-8), which includes access to SAGE Premium Video and other multimedia tools. Learn more. SAGE coursepacks SAGE coursepacks makes it easy to import our quality instructor and student resource content into your school's learning management system (LMS). Intuitive and simple to use, SAGE coursepacks allows you to customize course content to meet your students' needs. Learn more. SAGE edge This companion website offers both instructors and students a robust online environment with an impressive array of teaching and learning resources. Learn more.

Clinical Guide to Toilet Training Children Johnny L. Matson 2017-10-04 This book offers a comprehensive overview of the universal issue of toilet training in children and explores issues that need to be considered by clinicians and other professionals. The book begins with a historical overview of the field, including origins and reviews of current practices. It discusses various toileting problems and their side effects, risk factors, normal developmental milestones in toileting, and theories of toileting. Chapters identify behavior problems (e.g., self-injury, noncompliance) as well as medical conditions (e.g., diabetes, constipation) that can affect continence, with proven strategies for addressing these challenges in toilet training children, including those with intellectual and developmental disabilities. The book concludes with a discussion of the strengths of current toilet training practices as well as suggestions for areas where continued improvement is required. Topics featured in this book include: · Complications and side effects associated with the lack of toileting skills. · Technology used in toilet training. · Applications of operant-based behavioral principles to toilet training. · Toilet training strategies involving modeling and modifications of the physical environment. · Toilet training children with physical disabilities. The **Clinical Guide to Toilet Training Children** is a must-have resource for researchers, graduate students, clinicians, and related therapists and professionals in clinical child and school psychology, pediatrics, family studies, developmental psychology, nursing, social work, and behavioral therapy/rehabilitation.

Fundamentals of Image Data Mining Dengsheng Zhang 2021-06-25 This unique and useful textbook presents a comprehensive review of the essentials of image data mining, and the latest cutting-edge techniques used in the field. The coverage spans all aspects of image analysis and understanding, offering deep insights into areas of feature extraction, machine learning, and image retrieval. The theoretical coverage is supported by practical mathematical models and algorithms, utilizing data from real-world examples and experiments. Topics and features: Describes essential tools for image mining, covering Fourier transforms, Gabor filters, and contemporary wavelet transforms Develops many new exercises (most with MATLAB code and instructions) Includes review summaries at the end of each chapter Analyzes state-of-the-art models, algorithms, and procedures for image mining Integrates new sections on pre-processing, discrete cosine transform, and statistical inference and testing Demonstrates how features like color, texture, and shape can be mined or extracted for image representation Applies powerful classification approaches: Bayesian classification, support vector machines, neural networks, and decision trees Implements imaging techniques for indexing, ranking, and presentation, as well as database visualization This easy-to-follow, award-winning book illuminates how concepts from fundamental and advanced mathematics can be applied to solve a broad range of image data mining problems encountered by students and researchers of computer science. Students of mathematics and other scientific disciplines will also benefit from the applications and solutions described in the text, together with the hands-on exercises that enable the reader to gain first-hand experience of computing.

Systematic Instruction of Functional Skills for Students and Adults with Disabilities Keith Storey 2017-02-27 This book provides an overview of systematic instructional strategies and is written in a format so that teachers and other service providers can immediately put the information to use. It specifically focuses upon systematic instruction for individuals with disabilities (school age and adults) and is generic across age groups as well as disability labels. The book focuses on improving instructional practices for students and adults with disabilities. Practitioners may understand the importance of placing individuals in different settings (e.g., inclusive classrooms, supported employment sites) but not understand how to improve their skills once they are in that setting. This book is intended to give teachers and other service providers the instructional skills for improving the skills of the individuals that they are serving. The most unique feature of the text is that it is written specifically for practitioners in the field (teachers and adult service providers) as well as those in training rather than being written for other academics. An advantage of this book is that those preparing teachers and others can easily use it in methods courses as it covers instructional methodology that is seldom covered in detail in most texts. College instructors will find the book a good choice for their classes based upon: the consistent format throughout the book; the "readability" of the book for students; the comprehensive coverage of systematic instruction; and the direct applicability to applied settings. Others providing instruction, supervision, and training to direct service providers will find this book useful, such as those working in schools as well as those in transition and adult service settings.

Projective Processes and Neuroscience in Art and Design Zuanon, Rachel 2016-07-13 Recent advances in neuroscience suggest that the human brain is particularly well-suited to design things: concepts, tools, languages and places. Current research even indicates that the human brain may indeed have evolved to be creative, to imagine new ideas, to put them into practice, and to critically analyze their results. **Projective Processes and Neuroscience in Art and Design** provides a forum for discussion relating to the intersection of projective processes and cognitive neuroscience. This innovative publication offers a neuroscientific perspective on the roles and responsibilities of designers, artists, and architects, with relation to the products they design. Expanding on current research in the areas of sensor-perception, cognition, creativity, and behavioral processes, this publication is designed for use by researchers, professionals, and graduate-level students working and studying the fields of design, art, architecture, neuroscience, and computer science.