

## Alternative Assessments With Gifted And Talented Students Critical Issues In Equity And Excellence In Gifted Education

"Designed specifically for school psychologists and school counselors, this volume is intended to serve as a practical and easy-to-use resource for working with gifted students, their teachers, and their parents and families. It provides timely, practical, evidence-based techniques and guidelines to help these practitioners better help an underserved group. The book is written in a user-friendly style that makes this a quick, simple, and easy reference. Topics covered include identification and assessment of gifted students; important information for understanding the needs of the gifted; counseling and psychotherapy strategies; career counseling for gifted and talented students; methods for working with the families of the gifted; and legally-correct and ethically-smart counseling techniques. An accompanying CD will contain valuable resources such as counseling forms, monitoring tools, and parent handouts"-- This book brings together eminent and emerging scholars to present cutting-edge research on diverse conceptions of giftedness and talent from a range of international perspectives. It covers classical views, emphasizing IQ, but also seeks to move the academic debate on from the common exclusive emphasis on IQ-based skills. In each chapter the contributors address both theoretical advances and practical applications for administrators, teachers, and parents. The editors conclude by integrating the different points of view and showing ways in which major ideas, even when given different names, can be integrated to provide a holistic and integral viewpoint on giftedness and talent. This book will appeal to students and scholars of creativity, giftedness and gifted education; as well as to practitioners, teachers and education policymakers.

An Up-to-Date Overview of the Theory and Practice Underlying Gifted Assessment Essentials of Gifted Assessment introduces readers to the theory and practice underlying gifted assessment. Steven Pfeiffer, a leading expert in the field of gifted assessment, discusses what it means to be gifted, why we should identify gifted students, and the purposes of gifted assessment. Well-organized and engaging, the book examines key principles of gifted assessment and provides an up-to-date overview of gifted assessment measures. Topics include the use of local norms, measuring creativity and motivation, nonverbal measures, the importance of recurring gifted assessment, multi-potentiality, gifted testing and minority group students, and evaluating the twice-exceptional student. Early identification and intervention greatly benefits gifted students, who may otherwise never realize their full potential. Throughout the book, Pfeiffer equips school psychologists with the tools they need to: Identify and assess uniquely bright and talented students Integrate multiple assessment measures including intelligence, cognitive ability, and achievement tests Assess gifted students with coexisting disabilities and disorders Promote the abilities of gifted students using evidence-based strategies The book also includes extensive illustrative material, such as callout boxes and case examples, that facilitate use as a quick reference, plus end-of-chapter "Test Yourself" questions that help reinforce key concepts. Essentials of Gifted Assessment helps new and seasoned school psychologists and other professionals acquire the skills and knowledge needed for ethical, evidence-based, and informed clinical practice with high-ability students. This publication provides directors and coordinators of programs for gifted and talented students with a specific step-by-step plan for developing an identification procedure in a school or school district. While the sections of this publication are laid out sequentially according to the steps, identification is an ongoing process. The goal of identification is to ensure that every gifted and talented student who needs a program that is different from the general education

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curriculum receives one that is matched to his or her specific characteristics. Perfect for anyone seeking a concise introduction to the identification of gifted students, this book is designed to offer administrators, teachers, and parents an overview of the critical issues in building effective identification procedures. This book overviews definitions and characteristics of gifted students, qualitative and quantitative assessment, using multiple assessments, identification procedures, and decision making about placement. This is one of the books in Prufrock Press' popular Practical Strategies Series in Gifted Education. This series offers a unique collection of tightly focused books that provide a concise, practical introduction to important topics concerning the education of gifted children. The guides offer a perfect beginner's introduction to key information about gifted and talented education.

Education is a hot topic. From the stage of presidential debates to tonight's dinner table, it is an issue that most Americans are deeply concerned about. While there are many strategies for improving the educational process, we need a way to find out what works and what doesn't work as well. Educational assessment seeks to determine just how well students are learning and is an integral part of our quest for improved education. The nation is pinning greater expectations on educational assessment than ever before. We look to these assessment tools when documenting whether students and institutions are truly meeting education goals. But we must stop and ask a crucial question: What kind of assessment is most effective? At a time when traditional testing is subject to increasing criticism, research suggests that new, exciting approaches to assessment may be on the horizon. Advances in the sciences of how people learn and how to measure such learning offer the hope of developing new kinds of assessments—assessments that help students succeed in school by making as clear as possible the nature of their accomplishments and the progress of their learning. *Knowing What Students Know* essentially explains how expanding knowledge in the scientific fields of human learning and educational measurement can form the foundations of an improved approach to assessment. These advances suggest ways that the targets of assessment—what students know and how well they know it—as well as the methods used to make inferences about student learning can be made more valid and instructionally useful. Principles for designing and using these new kinds of assessments are presented, and examples are used to illustrate the principles. Implications for policy, practice, and research are also explored. With the promise of a productive research-based approach to assessment of student learning, *Knowing What Students Know* will be important to education administrators, assessment designers, teachers and teacher educators, and education advocates.

*Identifying Gifted Students: A Practical Guide* offers up-to-date information for building an effective, defensible identification process. It acts as a hands-on, research-based guide for identifying gifted and talented children. Designed for practicing professionals such as teachers, counselors, psychologists, and administrators who must make decisions daily about identifying and serving gifted and talented students, this book acts as a handbook for establishing procedures that are effective in identifying gifted and talented students from diverse backgrounds. Topics include: definitions, models, and characteristics of gifted students; qualitative and quantitative approaches to assessment; culturally fair and nonbiased assessment; a complete summary of all major assessment instruments, including scoring information, reliability, norming information, and validity; making decisions about placement; and evaluating the effectiveness of identification procedures. This book should be very helpful to practitioners in establishing procedures that are effective in identifying gifted and talented students.

In my estimation *Giftedness 101* ranks high among authoritative texts devoted to this particular population of children. It not only offers thorough experience and knowledge-based insights to those who are already or are contemplating serving the social emotional needs of these children in the future, but also those who profess to educate future teachers, those who would

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venture out into classrooms charged with the teaching and many others besides. It should be required reading for politicians - especially those who shape educational policy."--Gifted and Talented International "Linda Silverman is an articulate, insightful, authoritative, and extremely "gifted" international expert in the assessment of giftedness...[She] has created a gem with Giftedness 101. The fields of psychology and education should welcome this vibrant book with open arms." Alan S. Kaufman, PhD Yale Child Study Center School of Medicine "This is a really terrific book! I'm really impressed at how much information has been packed into it, how accessible it is (without talking down to the audience), and how well the author has parsed the many key issues in the world of giftedness. Parents and mental health professionals will find this book incredibly useful. I look forward to sharing it far and wide. I think it is a book that was badly needed and will really fill a niche." Corin Goodwin CEO & Executive Director, Gifted Homeschoolers Forum This is the most thorough history, explanation, and call to action for gifted advocates you will find."--Laughing at Chaos Blog What is giftedness? Is it the potential for success or is it the experience of being an "outsider"? This book addresses the unique psychological needs of gifted children, which are often manifested as "feeling different," and examines special issues such as gifted children with learning disabilities, gender considerations, implications of socio-economic status, and more. Giftedness 101 dispels common myths about giftedness and challenges the view that eminence is the true signifier of giftedness. It offers specific guidelines to psychologists, parents, and teachers; describes comprehensive assessment of the gifted; provides support for the twice exceptional; and focuses on the complex inner world of the gifted. The book defines giftedness as a psychological reality with powerful ramifications throughout the lifespan. Giftedness 101 will be a valuable, eye-opening resource for psychologists, educators, and other professionals who work with the gifted, as well as gifted individuals and their families. Key Features: Provides a concise, accessible overview of one of the most important and challenging topics in psychology and education Examines the concept of giftedness across the lifespan Covers both the intellectual assessment and development of gifted individuals as well as the psychological well-being issues of this population Written by a prominent expert in the field of the psychology of giftedness

With contributions from leading experts in the field, Identification takes an in-depth look at the research and practice of identification of gifted and talented students.

The new Pre-K-Grade 12 Gifted Education Programming Standards should be part of every school district's repertoire of standards to ensure that the learning needs of advanced students are being met. NAGC Pre-K-Grade 12 Gifted Education Programming Standards: A Guide to Planning and Implementing High-Quality Services details six standards that address the areas critical to effective teaching and learning, along with suggestions for implementing each one. The Gifted Education Programming Standards are focused on student outcomes that address both cognitive and affective areas. Aligned to each of the outcomes are research- and practice-based strategies known to be effective for this special population of students. The book includes sample assessments of student products and performances, which will assist schools in developing program and service evaluation benchmarks. This book is a must-have for school leaders and gifted education professionals who want to offer the most effective services for gifted and advanced students.

The newly revised and updated fourth edition of *Methods and Materials for Teaching the Gifted* is an excellent introduction to gifted education and real-world

learning. The chapters of this comprehensive textbook are written by respected leaders in the field of gifted education. The authors review the unique needs of gifted learners and give current information on instructional planning and evaluation, strategies for best practices, and ongoing enhancement and support of gifted programs. Chapters include topics such as differentiated curricular design, extending learning through research, writing challenging instructional units, and developing leadership skills and innovative thinkers. Instructional practices such as problem-based learning, technology literacy, independent study, simulation and gaming, and more are addressed. A special focus is given to using the Gifted Education Programming Standards and Common Core State Standards. The fourth edition provides updated information on funding sources and public relations strategies for gifted education programs. It also includes updated lists of books, teaching materials, websites, and other resources for teachers of the gifted.

Formerly titled *Empowering Gifted Minds: Educational Advocacy That Works*, this double award-winning book is the definitive manual on gifted advocacy for gifted students. The author tells parents and teachers how to document a child's abilities to provide reasonable educational options year by year. This book provides imperative information on testing considerations, curriculum, successful programs, and planning your child's education. It is truly an essential guide.

National teacher preparation standards in gifted and talented education provide the foundation for research-based practices in gifted education and identify what teachers should know and be able to do to ensure that students with gifts and talents realize their full potential. Because the responsibility for teaching gifted learners and those with potential to achieve at high levels is often shared between gifted education program leaders and teachers in general and special education classrooms, this book shows Pre-K-12 education leaders how to develop partnerships, identify professional development outcomes, design learning activities, plan and implement comprehensive training programs, and evaluate the effectiveness of professional development activities. Special attention is paid to effecting change within a state and school system. Tools provided include sample needs assessments, student and teacher observation instruments, and a sample professional development plan.

The author's eight-point cultural compass guides you in crafting a respectful and inclusive curriculum. Each chapter includes frequently asked questions, specific strategies and activities.

This newly updated edition provides a solid introduction to curriculum development in gifted and talented education. Written by experts in the field of gifted education, this text uses cutting-edge curriculum design techniques and aligns the core content with national and state standards. In addition to a revision of the original chapters, the second edition contains new chapters on topics such as second language learning, leadership, arts curriculum, and technology. The text identifies the basic principles of curriculum development : accelerated

learning within the core content areas, use of higher order process skills, development of creative student products, and concept development and learning. These techniques are incorporated into a chapter on each core content area : language arts, mathematics, science, and social studies, as well as world languages and the arts. The final chapters focus on the roles of teachers, program coordinators, and administrators during curriculum design, including selecting resources and materials, aligning curriculum, and assessing student learning. --from back cover.

Practical, in-depth guidance for WISC-V and WISC-V Integrated assessment Essentials of WISC-V Integrated Assessment is the ideal companion for psychologists and other assessment professionals seeking helpful interpretive and practical information beyond the WISC-V and WISC-V Integrated published manuals. Beginning with an overview of the test and its application to educational intervention, this book provides in-depth information on new administrative, scoring, and interpretation procedures specific to the WISC-V and the WISC-V Integrated. Insider access to the WISC-V and WISC-V Integrated standardization data allows the reader to derive new WISC-V composite scores unavailable from other resources. Readers of this book are the first to receive access to these new composite scores, which are designed to be more appropriate for children with expressive language difficulties and motor impairments. The reader also receives exclusive access to four new WISC-V expanded index scores that provide broader measures of visual spatial ability, working memory, auditory working memory, and processing speed. Significant advances in working memory research demand more comprehensive assessment of children with a broader range of abilities and limitations. The reader will learn how to perform a highly comprehensive assessment of working memory with the WISC-V and the WISC-V Integrated. A digital interpretive tool automatically calculates the new composite scores, completes the relevant comparisons, and generates interpretive information for new comparisons to streamline the reporting process. The WISC-V Integrated serves to expand and clarify WISC-V results by helping practitioners better understand a child's cognitive processes and the reasons for low or discrepant performance. This book helps practitioners get more out of the WISC-V and the WISC-V Integrated, with indispensable guidance and practical tools. Understand the WISC-V Integrated and its proper application to the development of educational interventions Learn how administration, scoring, and interpretation has changed for retained subtests, how to administer and score new subtests, and how to obtain the first-ever composite scores Discover how to use the WISC-V and WISC-V Integrated to assess both auditory and visual working memory, and how to obtain an unparalleled and in-depth picture of working memory along a continuum of cognitive complexity Learn how to adjust WISC-V use for children with expressive or motor difficulties Explore alternative composite scoring based on the WISC-V and WISC-V Integrated standardization data to increase utility for specific populations The WISC-V Integrated is an

essential component of the WISC-V assessment process, and Essentials of WISC-V Integrated Assessment is the ideal guide for practitioners.

This book highlights how to conduct research in gifted education when researchers have to choose from myriad theoretical ideas, hypotheses, claims, practical models, and strategies. It shows researchers how to build clarity, rigor, and relevance into a research agenda that combats fragmentation and contributes to enhanced theoretical and practical endeavors in the field.

Specifically, Paradigms of Gifted Education advocates a paradigmatic approach to conducting research in gifted education and shows how it can be done every step of the way by specifying the essential questions of What?, Why?, Who?, and How? in a coherent manner, and by selecting methods that are appropriate for the question asked and the phase of the research efforts. To facilitate the development of a research agenda, the book identifies three major paradigms of gifted education and 20 essential research questions that would help move the field forward.

Special education is now an established part of public education in the United States—by law and by custom. However, it is still widely misunderstood and continues to be dogged by controversies related to such things as categorization, grouping, assessment, placement, funding, instruction, and a variety of legal issues. The purpose of this 13-part, 57-chapter handbook is to help profile and bring greater clarity to this sprawling and growing field. To ensure consistency across the volume, chapter authors review and integrate existing research, identify strengths and weaknesses, note gaps in the literature, and discuss implications for practice and future research. Key features include: Comprehensive Coverage—Fifty-seven chapters cover all aspects of special education in the United States including cultural and international comparisons. Issues & Trends—In addition to synthesizing empirical findings and providing a critical analysis of the status and direction of current research, chapter authors discuss issues related to practice and reflect on trends in thinking. Categorical Chapters—In order to provide a comprehensive and comparative treatment of the twelve categorical chapters in section IV, chapter authors were asked to follow a consistent outline: Definition, Causal Factors, Identification, Behavioral Characteristics, Assessment, Educational Programming, and Trends and Issues. Expertise—Edited by two of the most accomplished scholars in special education, chapter authors include a carefully chosen mixture of established and rising young stars in the field. This book is an appropriate reference volume for anyone (researchers, scholars, graduate students, practitioners, policy makers, and parents) interested in the state of special education today: its research base, current issues and practices, and future trends. It is also appropriate as a textbook for graduate level courses in special education.

Part of a 12-volume set, each article in this volume provides an overview of the material to be presented, presents research and discusses how readers can put the research to use.

A complete guide to key intelligence and achievement tests and their effective use The tools used in the assessment process have changed dramatically in recent years. School and clinical psychologists need a comprehensive yet focused resource to which they can turn to learn the basics of key intelligence and achievement tests and how to use them in their assessments of children and adults. With its practical and straightforward presentation, Practitioner's Guide to Assessing Intelligence and Achievement provides that resource. Coedited by two well-known and respected scholars and researchers, Jack Naglieri and Sam Goldstein, the content in this timely book combines traditional and new conceptualizations of

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intelligence as well as ways to measure achievement. Truly readable and user-friendly, this book provides professionals with a single source from which to examine ability and achievement tests along the same general criteria. Each chapter is written by a leading scholar and test developer and is consistently structured for easy comparison of each test that is examined. Coverage includes: The theory underlying each test Description of each test Tips for administering and scoring each test Standardization, norms, and reliability of each scale Practical guidance for the use of each test Correspondence of each test to IDEA A practical tool designed to aid clinical psychologists in understanding the strengths and weaknesses of the various tests presented, Practitioner's Guide to Assessing Intelligence and Achievement provides students and practitioners with the information they need for their practice and testing efforts to be consistent with recent updates in the field and how those assessment instruments relate to changes in the laws that influence test use.

How can we design schools that energetically promote intellectual development while also attending to the social, emotional, and ethical growth of students? In today's frenzied climate of accountability driven school reform it is difficult to establish anything more than achievement of superficial knowledge and skill. Fortunately, there is a vibrant example of holistic, student-centered education that engenders dynamic, multidimensional student growth. The Roeper School enables students to develop strong intrinsic motivation as they discover aspirations and develop talents consistent with those aspirations. Simultaneously, from a very young age students take considerable responsibility for their own actions and for the processes that go on in their school. Following the Roeper philosophy each student generates a long-term sense of purposeful direction, a strong sense of intrapersonal awareness, impressive creative and critical thinking skills, and a finely tuned sense of ethical responsibility. Upon graduation Roeper students are well prepared to find or create highly productive niches in the world of work and rewarding personal lives while serving as mature, ethical citizens of a complex, 21st-century, globalized society. This book includes descriptions of the multidimensional education the Roeper School provides. The perspectives in the volume are diverse, coming from leading researchers and theorists in the field of gifted education as well as teachers, administrators, alumni, and current students from the school itself. Overall, the book provides a beacon of hope for 21st-century education.

Alternative Assessments With Gifted and Talented Students provides a concise and thorough introduction to methods for identifying gifted students in the school setting. Including overviews of assessment tools and alternative methods of assessment, as well as pertinent discussions concerning the need to identify gifted and talented students, this book combines research and experience from top scholars in the field of gifted education in a convenient guide for teachers, administrators, and gifted education program directors. Topics covered include the need for nonverbal testing with traditionally unidentified students; the identification of students from minority populations; the value of using traditional assessments with students; the role of creativity tools as a measure of giftedness; and the use of portfolios, products, and performance-based assessment to document learning; among others. This handy guide to assessing and identifying gifted students is a necessity for anyone serving and working with this population. A service publication of the National Association for Gifted Children (Washington, DC) This designation indicates that this book has been jointly developed with NAGC and that this book passes the highest standards of scholarship, research, and practice. In one comprehensive resource, this superb handbook covers everything you need to know about the subject. It brings together leading experts from the fields of psychology and education, combining theory and applied empirical research on such crucial topics as conceptualization, types of intelligence, developmental considerations, and ethical and legal concerns. Particular attention is given to social and family contexts, and evidence-based strategies and interventions offer solid guidelines on assessment, curriculum design, and

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encouraging and nurturing talent – from preschool through adolescence.

The goal of all classrooms is to maximize the learning of all students; therefore, correctly assessing what students have learned is an integral part of good instruction. By keeping the goal of good, strong assessment in mind, a teacher can clearly see his or her desired outcomes for a lesson, activity, or unit. It is critical to take into account a student's level of knowledge, understanding, beliefs, skills, dispositions, and learning styles when planning for good classroom instruction and assessment. Carolyn Callahan, a leader in the field of gifted education, guides teachers toward answering these questions about their students and planning for quality classroom assessment. In addition, the book provides an overview of the most common and successful assessment methods, including formal and informal assessments, student self-assessments, and preassessment strategies for planning instruction. This is one of the books in Prufrock Press' popular Practical Strategies Series in Gifted Education. This series offers a unique collection of tightly focused books that provide a concise, practical introduction to important topics concerning the education of gifted children. The guides offer a perfect beginner's introduction to key information about gifted and talented education.

Reviews the purposes of assessment, and provides a rationale for the development of alternative forms for measuring student achievement.

Exploit the full potential of the WPPSI-IV with analysis from multiple perspectives  
Essentials of WPPSI-IV Assessment is a comprehensive guide to administering, scoring, and interpreting the latest edition of the Wechsler Preschool and Primary Scale of Intelligence, which represents a major revision of the prior edition. Step-by-step guidelines walk readers through the process, and new Behind the Scenes boxes provide unprecedented insight into the new subtests and the test development process. The book highlights common errors and complex aspects so readers can avoid them, and includes illustrative case studies based on data collected during the scale's standardization to assist in proper administration and interpretation. The companion CD provides software that automates score interpretation, and supplies users with tools to enhance WPPSI-IV administration and report writing. Used to evaluate for learning or intellectual disabilities, developmental or language delays, or gifted and talented classification, the Wechsler Preschool and Primary Scale of Intelligence is the most widely used assessment of intelligence for young children. Essentials of WPPSI-IV Assessment applies an interpretive approach that allows flexibility in response to the real constraints and challenges inherent in working with children, describing performance in both normative and interpersonal contexts to facilitate interpretive case formulations from multiple theoretical and clinical perspectives. Topics include: WPPSI-IV administration and clinical applications Scoring, score analysis, and interpretation Strengths and weaknesses of the WPPSI-IV Differences across demographic groups The book and accompanying CD also provide alternatives for situations in which published comparison scores may not be available or applicable to a particular child, and supplies composite scores aimed at facilitating WPPSI-IV interpretation from a variety of theoretical approaches. Those who employ the WPPSI-IV must have a thorough grasp of the full potential of the tool, and Essentials of WPPSI-IV Assessment contains the insight and information that allow for deeper understanding.

The field of gifted education is characterized by a confusing array of perspectives concerning such fundamental issues as definition, philosophy, curriculum, social and emotional development, and underserved populations. The mission of this book is to



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provide a coherent framework that instructors and service providers can use in planning effective programs, providing appropriate counseling services, and evaluating programs for the gifted. Most sections are organized around fundamental issues confronting the field and follow a common structure: an introductory chapter that provides historical and theoretical background and organizing questions followed by several point-of-view chapters written by experts that provide varied perspectives on the topic at hand.

**Distinguishing Features Comprehensive Coverage** – The book's forty-five manageable-length chapters cover the full range of topics that must be considered in planning programs and services for gifted students both within and outside of school.

**Coherent Structure** – Section introductions provide background information and organizing questions to guide chapter authors who provide varying views of the issue at hand. The emphasis is not on the "right way" or the "wrong way" (except when clearly documented bad practice is discussed), but on how best practice stems from well-informed and logical decision-making.

**Decision Making Focus** – The book's introductory chapter addresses the need for a clearly developed and consistently applied set of values to guide decision making. Likewise, each section introduction includes a decision making framework regarding some aspect of educating, counseling, or parenting gifted students. This book is appropriate for introductory level courses in gifted education or courses in program development and planning. It is also suitable for school personnel responsible for making program planning decisions in the area of gifted education and for academic libraries with holdings in this area.

This book guides educators through an assessment process that is fully integrated with the daily curriculum and designed to significantly improve student performance.

Gifted education is in a period of transition unlike any it has experienced in this generation. Thinkers within the field and without are questioning the practice of gifted education, the theoretical foundations on which this practice rests, and even the value and legitimacy of the concept of giftedness. This fresh and provocative volume contains essays by leading thinkers on gifted education and by writers outside the field who have examined it critically. Each author examines, reconsiders, and challenges the assumptions and beliefs underlying the theory and practice of gifted education, providing a "roadmap" to guide both current considerations of and future planning for gifted education programs.

This volume addresses the most current perspectives and issues related to giftedness and is written by leaders in the field. An excellent resource for special educators, administrators, mental health clinicians, school counselors, and psychologists, this volume addresses the different educational issues that impact this population.

The field of gifted education is characterized by a perplexing array of perspectives concerning such fundamental issues as definition, identification, curriculum, social and emotional development, and underserved populations. *Fundamentals of Gifted Education* provides a coherent framework for planning effective programs, providing appropriate educational services, and evaluating programs for the gifted. Parts are organized around fundamental issues confronting the field and follow a common structure: an introductory chapter that provides an overview of the theme of that part as well as guiding points and questions for the reader followed by representative point-of-view chapters written by leading experts that provide varied perspectives on the topic at hand.

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Critical Issues and Practices in Gifted Education is the definitive reference for a summary and evaluation of the literature on giftedness, gifted education, and talent development. This third edition: Presents more than 40 summaries of important topics in the field. Features updates to all topics. Introduces new topics, including neuroscience and the roles of leaders in the field. Dives into the latest research. Explores how the research applies to gifted education and the lives of gifted learners. This book also provides an objective assessment of the available knowledge on each topic, offers guidance in the application of the research, and suggests areas of needed research.

### Alternative Assessments with Gifted and Talented Students

Alternative Assessments With Gifted and Talented Students provides a concise and thorough introduction to methods for identifying gifted students in the school setting. Including overviews of assessment tools and alternative methods of assessment, as well as pertinent discussions concerning the need to identify gifted and talented students, this book combines research and experience from top scholars in the field of gifted education in a convenient guide for teachers, administrators, and gifted education program directors. Topics covered include the need for nonverbal testing with traditionally unidentified students; the identification of students from minority populations; the value of using traditional assessments with students; the role of creativity tools as a measure of giftedness; and the use of portfolios, products, and performance-based assessment to document learning; among others. This handy guide to assessing and identifying gifted students is a necessity for anyone serving and working with this population.

Exploring Gifted Education focusses on the most fundamental and pressing topics in gifted education from across Australian and New Zealand contexts and gives particular attention to evidence-based practices and research findings. The wide variety of topics presented include: identification of gifted learners, creativity, twice-exceptional learners, affective considerations, teaching the gifted, curriculum considerations, programs and services, STEM, early childhood learners, rural and remote contexts, and parents of gifted learners. Each chapter provides guiding questions and key ideas to help orient the reader, and discussion questions synthesise the chapter's concepts at the conclusion. The first book of its kind to synthesise research-based findings in gifted education from across New Zealand and Australia, it is an essential reference tool for researchers and a key text for courses in gifted education. Practitioners and parents will also find the assembled research illuminating and informative in understanding and addressing the needs of gifted learners.

STEM Education for High-Ability Learners: Designing and Implementing Programming focuses on the rigorous articulation of quality STEM education programming to develop STEM talent among high-ability and gifted learners. The intent of this book is to provide a comprehensive resource for educators designing and implementing each of the supports within STEM education by

providing a discussion of each critical component for inclusion in a planned, coherent, and high-quality sequenced system. This edited volume provides a cutting-edge discussion of best practices for delivering STEM education by experts in the field. The contributing authors provide a differentiated discussion and recommendations for the learning experiences of gifted students in STEM education programs.

Standards have benefits particular to the field of gifted education. In order to ensure equity and systematic talent search and programming, it is essential that current and future teachers are educated in the relevant theory, research, pedagogy, and management techniques important for developing and sustaining classroom-based opportunities specifically designed for gifted learners. By incorporating the 2013 NAGC/CEC Teacher Preparation Standards in Gifted and Talented Education, this guidebook helps university faculty at the undergraduate and graduate levels design or revise gifted education programs and partner with other educators in developing gifted education teachers.

As new classroom resources are developed, educators strive to incorporate digital media advancements into their curriculum to provide an enriched learning experience for students with exceptional intelligence, as well as students in need of supplementary instruction. Though the resources exist, their effective use in the classroom is currently lacking. Cases on Instructional Technology in Gifted and Talented Education provides educators with real-life examples and research-based directions for the use of digital media resources in classrooms at all academic levels. This reference work will appeal to educators and researchers interested in enriching P-12 classrooms in order to extend student learning and promote effective e-learning in the classroom.

Content-Based Curriculum for High-Ability Learners (3rd ed.) provides a solid introduction to core elements of curriculum development in gifted education and implications for school-based implementation. Written by experts in the field, this text uses cutting-edge design techniques and aligns core content with national and state standards. In addition to revised chapters, the third edition contains new chapters on topics including special populations of gifted learners, critical thinking, leadership, and university-level honors curriculum. The text identifies fundamental principles of curriculum that support advanced and high-potential learners: accelerated learning within the core content areas, use of higher order processes and products, and concept development. These emphases form threads across chapters in core content areas, including language arts, mathematics, science, social studies, world languages, and the arts. Additional chapters explore structures to support implementation, including alignment with standards, assessment of learning, counseling, and promoting exemplary teacher practice through professional development.

This volume outlines how to use the NCATE-approved gifted education standards to determine professional development objectives for teachers and design and assess inservice training programs.

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