Making Math Accessible to Students With Special Needs

Practical Tips and Suggestions

By r4 Educated Solutions



Increase your capacity to make mathematics accessible to all students.

Accountability is here to stay, and it is more important than ever to have proven strategies for students with special needs. This manual offers tools and guidance that everyone in mathematics education can use to become confident and competent with mathematics instruction and assessment so that 99 percent of students will be able to access enrolled grade-level mathematics.

Six chapters address issues critical to effective mathematical instruction. Readers gain insight into topics such as federal and state legislation, research-based instructional best practices in mathematics, and the selection, administration, and evaluation of accommodations for instruction and assessment. The book offers understandable, "doable" instructional procedures and empowers educators to make informed choices from an array of best practices.

Making Math Accessible to Students With Special Needs is designed for all teachers involved with mathematics instruction and is a unique resource for alternatively certified teachers and adjunct professionals.

Chapter Titles

Part I

Chapter 1: Accountability

Chapter 2: Affect

Chapter 3: Effective Instruction

Chapter 4: Elements of Effective Instruction

Part II

Chapter 5: Accommodations and Modifications

Chapter 6: Implementation

r4 Educated Solutions provides innovative products and services that are developed, field-tested, and implemented by Region 4 Education Service Center (Region 4). Through third-party research, r4 Educated Solutions resources have shown a significant, positive impact on student achievement. Written and reviewed by content-area specialists, these instructional materials are proven and results-focused and offer Real Solutions to Real Problems in Real Time®.

Benefits

Making Math Accessible to Students With Special Needs provides:

- An overview of the 5E instructional model: engage, explore, explain, elaborate, and evaluate
- Sample 5E lesson plans complete with objectives and checklists for materials
- Discussion of various student needs, such as organizational deficits or abstract reasoning difficulties, and how to support each one
- An analysis of instructional myths and realities
- Reproducible tools to prepare lessons and use with students
- · Reflective exercises for teachers

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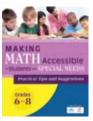
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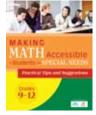
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