



Teaching Mathematics Meaningfully: Solutions for Reaching Struggling Learners

By David Allsopp Ph.D., Margaret Kyger Ph.D., Lou Ann Lovin Ph.D.

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Making mathematics concepts understandable is a challenge for any teacher—a challenge that's more complex when a classroom includes students with learning difficulties. With this highly practical resource, educators will have just what they need to teach mathematics with confidence: research-based strategies that really work with students who have learning disabilities, ADHD, or mild cognitive disabilities. This urgently needed guidebook helps teachers

- **Understand why students struggle.** Teachers will discover how the common learning characteristics of students with learning difficulties create barriers to understanding mathematics.
- **Review the Big Ideas.** Are teachers focusing on the right things? A helpful primer on major NCTM-endorsed mathematical concepts and processes helps them be sure.
- **Directly address students' learning barriers.** With the lesson plans, practical strategies, photocopiable information-gathering forms, and online strategies in action, teachers will have concrete ways to help students grasp mathematical concepts, improve their proficiency, and generalize knowledge in multiple contexts.
- **Check their own strengths and needs.** Educators will reflect critically on their current practices with a thought-provoking questionnaire.

With this timely book—filled with invaluable ideas and strategies adaptable for grades K–12—educators will know just what to teach and how to teach it to students with learning difficulties.

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