Designing Effective Mathematics Instruction: A Direct Instruction Approach

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Description
For courses in Mathematics in Special Education. Providing teachers with the information needed to design supplemental mathematics instruction and to evaluate and modify commercially developed math programs, Designing Effective Mathematics Instruction, Fourth Edition, gives teachers systematic procedures and teaching strategies to augment instruction. The new edition discusses the history and components of the direct instruction approach to teaching mathematics, as well as relevant and current research skills and techniques required for effective mathematics instruction, including strategies for pacing lessons, correcting errors, and diagnosing and remedying error patterns. Designing Effective Mathematics Instruction also contains Instructional Sequence and Assessment Charts for primary, intermediate, and remedial teachers, which serve as diagnostic tests or as a basis for constructing goals and objectives for students.

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PART 3: Effective Mathematics Instruction for Students with Learning Difficulties in Math: Four Approaches That Improve Results. We know a great deal about effective math instruction for students with disabilities, especially students who have LD. There have been three main instructional approaches: explicit instruction, often called direct instruction, refers to an instructional practice that carefully constructs interactions between students and their teacher. Self-instruction - an instructional approach that teaches students to use a variety of self-statements or verbal prompts to guide themselves through the problem-solving process. Strategy Instruction/Strategy Training - an instructional approach that teaches students how to use the same tools and. Studyguide for Designing Effective Mathematics Instruction: A Direct Instruction Approach by Stein, Marcy, ISBN 9780131192447 by Cram101 Textbook Reviews and a great selection of related books, art and collectibles available now at AbeBooks.com. Designing Effective Mathematics Instruction: A Direct Instruction Approach by Stein, Marcy, ISBN 9780131192447 by Cram101 Textbook Reviews and a great selection of related books, art and collectibles available now at AbeBooks.com.
Designing Effective Mathematics Instruction offers brilliant solutions to most of the problems that your students might be having. It includes all the most important mathematics topics from kindergarten through fractions and "pre-algebra." The chapters discuss various mathematics topics in some depth, providing a broad-based conceptual understanding as well as specific, practical suggestions for teaching procedures. Specific skills are referenced to "formats," which are wonderfully clear scripts for teaching the specific procedure, concept, or principle.