



## Teaching K-6 Mathematics

By Douglas K. Brumbaugh, Michelle Lynn Rock, David Rock

Lawrence Erlbaum Associates Inc, United States, 2002.  
 Paperback. Book Condition: New. New.. 282 x 216 mm.  
 Language: English Brand New Book \*\*\*\*\* Print on Demand  
 \*\*\*\*\*. This developmentally sound, research-based, practical text speaks directly to preservice elementary mathematics students about the multitude of ways they can help their future students learn to see the power, beauty, necessity, and usefulness of mathematics in the world. Part 1 deals with guiding principles that permeate the text, while Parts 2-11 deal with the specific NCTM Standards for grades K-6. Teaching K-6 Mathematics: \*is aligned with the current NCTM Curriculum and Evaluation Standards for School Mathematics; \*integrates content and methodology; \*emphasizes use of technology as a teaching/learning tool; \*stresses problem solving; \*provides basic information on current research in mathematics education; \*focuses on identification of error patterns and analysis; \*uses a down-to-earth, friendly writing style that engages the student rather than prescribing what to do; and \*includes many activities and exercises, including games, tricks, and amusements that can be used in the classroom to increase student interest in mathematics. Features: \*Technology is integral throughout the text. Students are expected to perform Internet searches, investigate new sites appropriate for elementary students, sample new software that could be used...



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