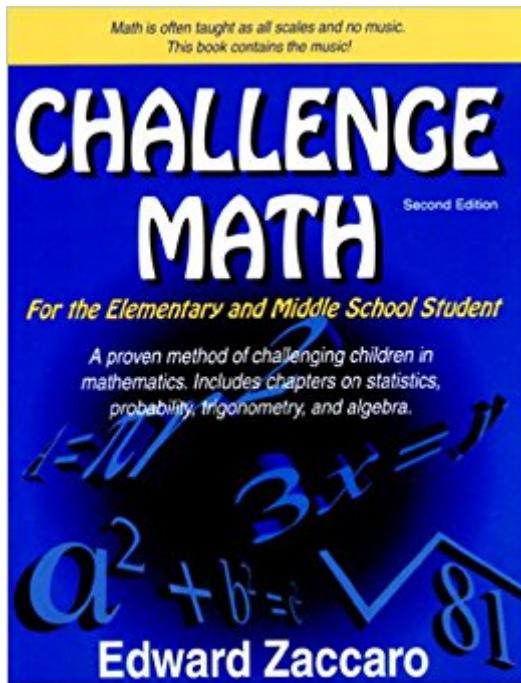


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Challenge Math For The Elementary And Middle School Student (Second Edition)



Synopsis

This book explains difficult math concepts in an easy to understand and entertaining format using cartoons and drawings. Children love the real world connections between math and science and will be challenged by over 1000 problems in areas such as algebra, astronomy, trigonometry, probability, and more. Answers are included in the back of the book. A great resource for those of any age who love math. Challenge Math is designed for children in grades 4-8 with higher math ability and interest but could be used by older students and adults as well. Contains 20 chapters with instruction and problems at three levels of difficulty. Challenge Math can be used by children independently or in a classroom setting. This edition not only contains answers, but it also contains step by step solutions to the problems.

Book Information

Paperback: 429 pages

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Product Dimensions: 10.8 x 8.5 x 1.1 inches

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Average Customer Review: 4.3 out of 5 starsÂ See all reviewsÂ (49 customer reviews)

Best Sellers Rank: #17,826 in Books (See Top 100 in Books) #41 inÂ Books > Science & Math > Mathematics > Study & Teaching #129 inÂ Books > Textbooks > Science & Mathematics > Mathematics

Customer Reviews

This book really saved me! In my first year of teaching a 5th grade class of gifted/high achieving math students I struggled to find the right resource to adequately challenge the students. I particularly liked this book because each unit (chapter) is all-inclusive. There is a great lesson at the beginning followed by practice and then three levels of questions. The only supplement I needed to create was a method of assessing my students. I highly recommend this book to any parent or teacher looking for a math challenge for students.

I teach 6th grade math and recommend Challenge Math to any level student. I taught skills close to or exactly as the recommended textbook. The results that I received were not that great and the

students were still confused. I checked out Challenge Math from the school's media center and did not want to return it at the end of the school year. Both my students and myself loved this book. True enough the graphics are poor but the strategies used for each concept are wonderful. The concepts were explained with the novice learner in mind. The activities are also based on three different achievement levels. I prefered to use this book as opposed to the textbook. This book is certainly a book that I will continue using.

I run a math club for a group of 5th graders (one 6th grader). When I found this book, I knew I had an excellent curriculum to offer them. We've been using this and Real World Algebra and the kids have responded well to both. They *like* the silly cartoons. The author has taken concepts that are generally saved for older kids (and can be dry and tedious) and made them accessible to a younger age group. This is the ideal solution if your bright or gifted child needs more challenge, but standard texts just don't cut it.

To me this is the best math book ever in the market. My 9 year old son started few months ago, learn the fun way of doing math, along came the excitement and the joy of discovery the mystery of math. Highly recommended for school teachers who look for ways to bring excitement to math class.

This book really delivers what it promises - it is the music of math - not just the scales. My eleven year old son and I have been working through the book and having a great time. He has a teacher this year who really doesn't know how to teach gifted kids math and this book has been a lifesaver. Some of the concepts are fairly simple but as you work through how to apply them with increasing difficulty to some real-world problems then it does get you thinking. I highly recommend this book for all students - it is really the way math should be taught.

I teach a class of identified Highly Capable 5th graders, some of whom function at least 2 years above in math ability. The strands in this book have been very useful in differentiating my math curriculum. The kids enjoy the work and tackle the "Einstein" level with great zeal. It has proven to be well worth purchasing.

Excellent for our needs - a bright 4th grader ready to go further than school curriculum, but doesn't know everything already. Each section begins with clear explanation of a mathematical concept, leavened with commentary from a pair of non-intimidating cartoon characters. Then a brief

instructional section clearly presents one or two useful strategies with examples worked out. At the end of the chapter are multiple sets of problems: Level 1, Level 2, and "Einstein" problems. Since they are not marked by grade level, you're not limited by expectations-- you just go as far as you are ready to go. Next year, we will cycle back through and tackle more of the harder problems. I worked through several sections with my son this summer and we both really got into it. Thanks!

This is one of the best challenge math resources for a sixth grade classroom. There is an abundance of rich problem solving along with small tutorials and practice problems for each math strand (algebra, probability, geometry, etc.). The problems are leveled by difficulty. I use these for group problem solves, and a teacher will find that students can approach problems from multiple problem-solving strategies. The only reason it doesn't have 5 stars is that the answer key in the back (which also includes explanation) is a bit clunky to navigate.

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