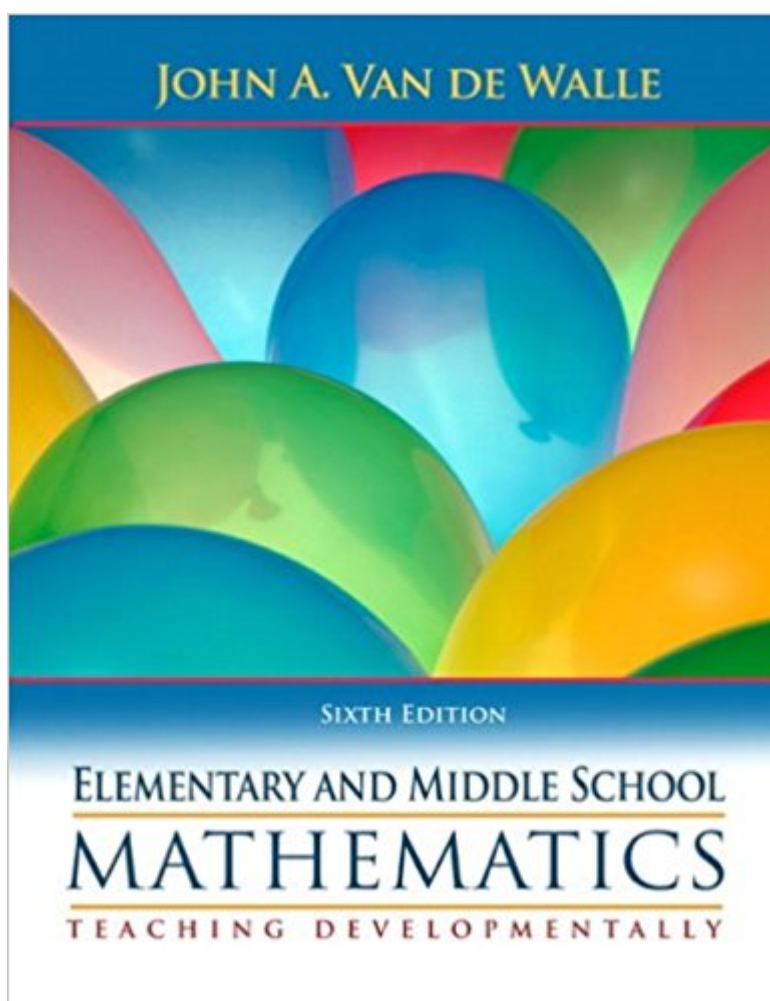


The book was found

# Elementary And Middle School Mathematics: Teaching Developmentally



## Synopsis

This leading K-8 math methods text has the most coverage of the NCTM standards, the strongest coverage of middle school mathematics, and the highest student approval of any text currently available. Elementary and Middle School Mathematics provides an unparalleled depth of ideas and discussion to help students develop a real understanding of the mathematics they will teach. John Van de Walle, one of the foremost experts on how children learn mathematics, finds that 80 percent of the students who purchase this book keep it for reference when they begin their professional teaching careers. This text reflects the NCTM Principles and Standards and the benefits of constructivist-or student-centered-mathematics instruction. Moreover, it is structured for maximum flexibility, offering 24 brief, compartmentalized chapters that may be mixed and matched to fit any course or teaching approach.

## Book Information

Paperback: 576 pages

Publisher: Allyn & Bacon; 6th edition (February 13, 2006)

Language: English

ISBN-10: 0205483925

ISBN-13: 978-0205483921

Product Dimensions: 8.4 x 0.9 x 10.8 inches

Shipping Weight: 2.5 pounds

Average Customer Review: 4.3 out of 5 stars 36 customer reviews

Best Sellers Rank: #102,146 in Books (See Top 100 in Books) #149 in [Books > Science & Math > Mathematics > Study & Teaching](#) #292 in [Books > Textbooks > Education > Secondary Education](#) #324 in [Books > Education & Teaching > Schools & Teaching > Instruction Methods > Mathematics](#)

## Customer Reviews

A Message from the Author Research in mathematics education has consistently found that understanding and skills are best developed when students are allowed to wrestle with new ideas, to create and defend solutions to problems, and to participate in a mathematical community of learners. This student-centered, problem-based approach to learning is a central theme of this book. Learning how best to help children believe that mathematics makes sense and that they themselves can make sense of mathematics is an exciting endeavor and a lifelong process. It requires the knowledge gained from research, the wisdom shared by professional colleagues, and the insightful

ideas that come from your own daily experiences with students. I hope that this book will assist you on this fantastic journey.

**Praise for Elementary and Middle School Mathematics** This is absolutely the best book on the market. No other book comes close.

—Sandra L. McCune, Stephen F. Austin University I particularly like the emphasis on doing math more than one way (invented math) and the emphasis on problem solving. There is a wealth of resources and children's books for students to use in their development of concepts.

—Carol Geller, Radford University This text is not only a valuable tool in making sense of and encouraging the use of mathematics by preservice teachers, but also for those educators already in the field.

—Marilyn Nash, Indiana University South Bend

**About the Author** John A. Van de Walle is Professor Emeritus, Virginia Commonwealth University. As a mathematics education consultant, he regularly works with K-8 teachers and in elementary school classrooms and has taught mathematics to children at all levels, K-8. He is also a coauthor of the Scott Foresman, Addison Wesley Mathematics K,6 series. Jennifer M. Bay-Williams has written a Field Experience Guide to accompany the text.

—Organized to cover all NCATE and NCTM standards and correlated to all chapters of the text, the Field Experience Guide is packed with field-based assignments and reproducible forms to record your experiences.

—The guide also includes additional activities for students, full-size versions of the Blackline Masters in the text, and 16 extended lesson plans written by John Van de Walle. For more information or to purchase a copy, visit [www.ablongman.com](http://www.ablongman.com) and search for the ISBN (0-205-49314-9).

Math has never been a problem for me to understand and work with. However, teaching math is a different story. This book is a great book to help understand math concepts at a deeper level and in giving strategies in designing lesson plans to help deliver those concepts to students. Math will never become obsolete; so, the information and data in this book is a good resource for any teacher.

If you want kids to be able to do math on their own, truly understanding the concepts and able to apply them in real-life situations, this is your book! It covers everything from number concept development to algebra and more. I use this as a constant reference in my teaching. Through its techniques, I have been able to help many children play their way to math understanding that transfers! The techniques have been tried in real classrooms before they were put into this book. It comes with numerous black-line masters. This book has helped my own math weaknesses turn into strengths! I just thought I was bad at math, but this book showed me I just hadn't developed certain

math concepts because I was only taught to follow algorithms.

I HAD to buy this book for college class. I'm NOT a math person, but this was an easy read.

I have only worked with this book for a few weeks but am very pleased with what I am experiencing. There are numerous graphs, suggestions with ways to engage students, and internet links are available for teaching suggestions and math games. This book clearly explains the material using visual supports like graphs and diagrams in bright colors. Internet sights for lesson suggestions, assessment and lesson reinforcing games. A great tool and a good resource that I plan to keep on hand.

Awsome!

A great book to keep as a reference while teaching! Teaching math through problem solving supports implementation of the standards of math practice required with Common Core State Standards.

good.

Everything was great!

[Download to continue reading...](#)

Elementary and Middle School Mathematics: Teaching Developmentally (8th Edition) (Teaching Student-Centered Mathematics Series) Elementary and Middle School Mathematics: Teaching Developmentally (7th Edition) Elementary and Middle School Mathematics: Teaching Developmentally Teaching Student-Centered Mathematics: Developmentally Appropriate Instruction for Grades Pre-K-2 (Volume I) (3rd Edition) Teaching Cues for Basic Sport Skills for Elementary and Middle School Students Teaching Developmentally Disabled Children: The Me Book An Age of Extremes Middle/High School Teaching Guide, A History of US: Teaching Guide pairs with A History of US Book 8 War Terrible War Middle/High School Teaching Guide, A History of US: Teaching Guide pairs with A History of US: Book Six Reconstructing America Middle/High School Teaching Guide, A History of US: Teaching Guide pairs with A History of US: Book Seven Middle School Makeover: Improving the Way You and Your Child Experience the Middle School Years Middle School: How I Survived Bullies, Broccoli, and Snake Hill (Middle School series Book 4) Middle

School, The Worst Years of My Life (Middle School series Book 1) Middle School: Get Me out of Here! (Middle School series Book 2) Middle School: Save Rafe! (Middle School series Book 5) The Ultimate Audition Book For Middle School Actors Volume IV: 111 One-Minute Monologues - The Rich, The Famous, The Historical (The Ultimate ... Middle School Actors: Young Actors Series) Discrete Mathematics: Elementary and Beyond (Undergraduate Texts in Mathematics) Curriculum and Instructional Methods for the Elementary and Middle School (7th Edition) One Hundred Problems in Elementary Mathematics (Dover Books on Mathematics) Health Education: Elementary and Middle School Applications Awakening the Heart: Exploring Poetry in Elementary and Middle School

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)