



Elementary and Middle School Mathematics: Teaching Developmentally (Teaching Student-Centered Mathematics Series)

By John A. Van de Walle, Karen S. Karp, Jennifer M. Bay-Williams

Download now

Read Online →

Elementary and Middle School Mathematics: Teaching Developmentally (Teaching Student-Centered Mathematics Series) By John A. Van de Walle, Karen S. Karp, Jennifer M. Bay-Williams

This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book.

Help all Pre-K-8 learners make sense of math

Written by leaders in the field, *Elementary and Middle School Mathematics: Teaching Developmentally 9/e* helps teacher candidates develop a real understanding of the mathematics they will teach and the most effective methods of teaching Pre-K-8 math topics. This text reflects the Common Core State Standards and NCTM's Principles to Actions, as well as current research. Emphasis is placed on teaching math conceptually, in a problem-based, developmentally appropriate manner that supports the learning needs of all students. Pause and Reflect prompts and Activities engage pre-service teachers as they bolster their own knowledge of the math. Classroom videos and examples of real student work allow teacher candidates to visualize good mathematics instruction and assessment. An important reference to consult throughout a teaching career, this book helps teachers and their students experience the excitement that happens when math makes sense.

↓ [Download Elementary and Middle School Mathematics: Teaching ...pdf](#)

📖 [Read Online Elementary and Middle School Mathematics: Teachi ...pdf](#)

Elementary and Middle School Mathematics: Teaching Developmentally (Teaching Student-Centered Mathematics Series)

By John A. Van de Walle, Karen S. Karp, Jennifer M. Bay-Williams

Elementary and Middle School Mathematics: Teaching Developmentally (Teaching Student-Centered Mathematics Series) By John A. Van de Walle, Karen S. Karp, Jennifer M. Bay-Williams

This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book.

Help all Pre-K-8 learners make sense of math

Written by leaders in the field, *Elementary and Middle School Mathematics: Teaching Developmentally 9/e* helps teacher candidates develop a real understanding of the mathematics they will teach and the most effective methods of teaching Pre-K-8 math topics. This text reflects the Common Core State Standards and NCTM's Principles to Actions, as well as current research. Emphasis is placed on teaching math conceptually, in a problem-based, developmentally appropriate manner that supports the learning needs of all students. Pause and Reflect prompts and Activities engage pre-service teachers as they bolster their own knowledge of the math. Classroom videos and examples of real student work allow teacher candidates to visualize good mathematics instruction and assessment. An important reference to consult throughout a teaching career, this book helps teachers and their students experience the excitement that happens when math makes sense.

Elementary and Middle School Mathematics: Teaching Developmentally (Teaching Student-Centered Mathematics Series) By John A. Van de Walle, Karen S. Karp, Jennifer M. Bay-Williams
Bibliography

- Sales Rank: #268260 in eBooks
- Published on: 2015-02-11
- Released on: 2015-02-11
- Format: Kindle eBook

 [Download Elementary and Middle School Mathematics: Teaching ...pdf](#)

 [Read Online Elementary and Middle School Mathematics: Teachi ...pdf](#)

Download and Read Free Online Elementary and Middle School Mathematics: Teaching Developmentally (Teaching Student-Centered Mathematics Series) By John A. Van de Walle, Karen S. Karp, Jennifer M. Bay-Williams

Editorial Review

From the Back Cover

Help all Pre-K-8 learners make sense of math

Written by leaders in the field, *Elementary and Middle School Mathematics: Teaching Developmentally* helps teacher candidates develop a real understanding of the mathematics they will teach and the most effective methods of teaching Pre-K-8 math topics. This text reflects the Common Core State Standards and NCTM's *Principles to Actions*, as well as current research. Emphasis is placed on teaching math conceptually, in a problem-based, developmentally appropriate manner that supports the learning needs of all students. Pause and Reflect prompts and Activities engage pre-service teachers as they bolster their own knowledge of the math. Classroom videos and examples of real student work allow teacher candidates to *visualize* good mathematics instruction and assessment. An important reference to consult throughout a teaching career, this book helps teachers and their students experience the excitement that happens when math makes sense.

Invigorate learning with the Enhanced Pearson eText

This access code card provides access to the new Enhanced Pearson eText, a rich, interactive learning environment designed to improve student mastery of content with the following multimedia features:

- ***Embedded videos*** of mathematics teaching, learning, and assessing illustrate authentic, effective, teaching and assessment practices. Videos expand the topics presented in the text, and can be viewed independently or as a full class.
- ***Embedded Self-Checks with feedback to give readers a chance to test their knowledge of each section and chapter. The Self-Checks also increase student interactivity as they read.***
- ***Activity Sheets and Blackline Masters*** are just a click away, making it even easier for instructors and students to use the Activities in the book. These classroom-ready handouts can be used in a methods class or school settings.
- ***Expanded Lessons*** focus on concepts central to elementary and middle school mathematics and include NCTM and CCSSO grade-level recommendations, adaptation suggestions for English language learners (ELLs) and students with special needs, and formative assessment suggestions. **Every chapter in Section II has at least one Expanded Lesson linked to an Activity.**

About the Author

John A. Van de Walle was a professor emeritus at Virginia Commonwealth University. He was a leader in mathematics education who regularly offered professional development workshops for K–8 teachers in the United States and Canada focused on mathematics instruction that engaged students in mathematical reasoning and problem solving. He visited many classrooms and worked with teachers to implement student-centered math lessons. He co-authored the Scott Foresman-Addison Wesley *Mathematics K–6* series and contributed to the original Pearson School mathematics program enVisionMATH. Additionally, John was very active in the National Council of Teachers of Mathematics (NCTM), writing book chapters and journal articles, serving on the board of directors, chairing the educational materials committee, and speaking at national and regional meetings.

Karen S. Karp is a professor of mathematics education at the University of Louisville in Kentucky. Prior to entering the field of teacher education she was an elementary school teacher in New York. Karen is the volume editor of *Annual Perspectives in Mathematics Education: Using Research to Improve Instruction* and is the co-author of *Developing Essential Understanding of Addition and Subtraction for Teaching Mathematics in Pre-K-Grade 2*, *Discovering Lessons for the Common Core State Standards in Grades K-5* and *Putting Essential Understanding of Addition and Subtraction into Practice Pre-K – Grade 2*. She is a former member of the Board of Directors of the National Council of Teachers of Mathematics and a former president of the Association of Mathematics Teacher Educators. She continues to work in classrooms with teachers of students with disabilities.

Jennifer M. Bay-Williams is a professor of mathematics education at the University of Louisville in Kentucky. Jennifer taught elementary, middle, and high school in Missouri and in Peru, and continues to work in classrooms at all levels with students and with teachers. Jennifer has published many articles on teaching and learning in NCTM journals. She has also authored and co-authored numerous books, including: *Developing Essential Understanding of Addition and Subtraction for Teaching Mathematics in Pre-K-Grade 2*, *Math and Literature: Grades 6-8*, *Math and Nonfiction: Grades 6-8*, *Navigating through Connections in Grades 6-8*, *Mathematics Coaching: Resources and Tools for Coaches and Other Leaders*. Jennifer is on the Board of Directors for the National Council of Teachers of Mathematics (NCTM), and has previously served on the Board of Directors for TODOS: Equity for All and as secretary and president for the Association of Mathematics Teacher Educators (AMTE).

Users Review

From reader reviews:

Russell Love:

The book *Elementary and Middle School Mathematics: Teaching Developmentally (Teaching Student-Centered Mathematics Series)* can give more knowledge and information about everything you want. Why must we leave a good thing like a book *Elementary and Middle School Mathematics: Teaching Developmentally (Teaching Student-Centered Mathematics Series)*? Several of you have a different opinion about publication. But one aim that book can give many information for us. It is absolutely correct. Right now, try to closer with the book. Knowledge or data that you take for that, you may give for each other; you may share all of these. Book *Elementary and Middle School Mathematics: Teaching Developmentally (Teaching Student-Centered Mathematics Series)* has simple shape however, you know: it has great and large function for you. You can appear the enormous world by start and read a guide. So it is very wonderful.

Christina McMullen:

Hey guys, do you desires to finds a new book to see? May be the book with the title *Elementary and Middle School Mathematics: Teaching Developmentally (Teaching Student-Centered Mathematics Series)* suitable to you? The book was written by renowned writer in this era. The actual book untitled *Elementary and Middle School Mathematics: Teaching Developmentally (Teaching Student-Centered Mathematics Series)* is the main of several books which everyone read now. That book was inspired many people in the world. When you read this guide you will enter the new shape that you ever know just before. The author explained their idea in the simple way, so all of people can easily to be aware of the core of this guide. This book will give you a large amount of information about this world now. So that you can see the represented of the world in this particular book.

Lisa Lee:

Often the book *Elementary and Middle School Mathematics: Teaching Developmentally* (Teaching Student-Centered Mathematics Series) has a lot associated with on it. So when you read this book you can get a lot of advantage. The book was authored by the very famous author. The author makes some research just before write this book. This kind of book very easy to read you can obtain the point easily after scanning this book.

Francisco Morgan:

Elementary and Middle School Mathematics: Teaching Developmentally (Teaching Student-Centered Mathematics Series) can be one of your nice books that are good idea. We all recommend that straight away because this book has good vocabulary which could increase your knowledge in terminology, easy to understand, bit entertaining but delivering the information. The article author giving his/her effort to place every word into delight arrangement in writing *Elementary and Middle School Mathematics: Teaching Developmentally* (Teaching Student-Centered Mathematics Series) nevertheless doesn't forget the main point, giving the reader the hottest in addition to based confirm resource details that maybe you can be considered one of it. This great information can draw you into brand new stage of crucial contemplating.

Download and Read Online Elementary and Middle School Mathematics: Teaching Developmentally (Teaching Student-Centered Mathematics Series) By John A. Van de Walle, Karen S. Karp, Jennifer M. Bay-Williams #SR29547HLW3

Read Elementary and Middle School Mathematics: Teaching Developmentally (Teaching Student-Centered Mathematics Series) By John A. Van de Walle, Karen S. Karp, Jennifer M. Bay-Williams for online ebook

Elementary and Middle School Mathematics: Teaching Developmentally (Teaching Student-Centered Mathematics Series) By John A. Van de Walle, Karen S. Karp, Jennifer M. Bay-Williams Free PDF download, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Elementary and Middle School Mathematics: Teaching Developmentally (Teaching Student-Centered Mathematics Series) By John A. Van de Walle, Karen S. Karp, Jennifer M. Bay-Williams books to read online.

Online Elementary and Middle School Mathematics: Teaching Developmentally (Teaching Student-Centered Mathematics Series) By John A. Van de Walle, Karen S. Karp, Jennifer M. Bay-Williams ebook PDF download

Elementary and Middle School Mathematics: Teaching Developmentally (Teaching Student-Centered Mathematics Series) By John A. Van de Walle, Karen S. Karp, Jennifer M. Bay-Williams Doc

Elementary and Middle School Mathematics: Teaching Developmentally (Teaching Student-Centered Mathematics Series) By John A. Van de Walle, Karen S. Karp, Jennifer M. Bay-Williams Mobipocket

Elementary and Middle School Mathematics: Teaching Developmentally (Teaching Student-Centered Mathematics Series) By John A. Van de Walle, Karen S. Karp, Jennifer M. Bay-Williams EPub

SR29547HLW3: Elementary and Middle School Mathematics: Teaching Developmentally (Teaching Student-Centered Mathematics Series) By John A. Van de Walle, Karen S. Karp, Jennifer M. Bay-Williams