Go Math Kindergarten Teacher Edition

Fun and easy math exercises that children can do at home with their parents.
Presents a comprehensive guide for parents and teachers that offers advice and instruction in basic elementary and secondary math.
“It is fun to figure out the puzzle of how children go about making sense of mathematics and then how to help teachers help kids.” John A. Van de Walle, Late of Virginia Commonwealth University This is the philosophy behind Elementary and Middle School Mathematics: Teaching Developmentally. John A. Van de Walle wrote this book to help students understand mathematics and become confident in their ability to teach the subject to children in kindergarten through eighth grade. Although he could not have foreseen the changes in mathematics teaching over the last three decades, he was at the forefront of the movement towards a constructivist view of teaching, or teaching developmentally. Constructivism says that children construct their own knowledge. They are not blank slates waiting to absorb whatever the teacher tells them. Teachers must understand both mathematics itself and how students learn mathematics in order to teach it effectively. Learning through problem solving is another major theme of this book. Students solve problems not just to apply mathematics, but also to learn new mathematics. Effective problems will take into account where students are, the problematic or engaging aspect of the problem must be due to the mathematics that the students are to learn and not be diluted by non-mathematical activities such as cutting or pasting, and the problem must require justifications and explanations for answers and methods. Learning then becomes an outcome of the problem solving process. The book also addresses in more detail than any other book on the market the effect that the trends of standards-based education, increased pressure to test, and increased teacher accountability have had on teaching mathematics. He addresses the 2000 NCTM Standards in depth, in Chapter 1 on Teaching Mathematics in the Era of the NCTM Standards, through the NCTM icon that appears in the margins throughout the text, and in two appendices in the back of the book. Chapter 5 on Building Assessment into Instruction has also been heavily revised to focus on increased testing pressure, creating more explicit links between objectives and assessment, and including assessments for students with special needs. Elementary and Middle School Mathematics: Teaching Developmentally is a book for doing math today—for both students who want to become teachers, and the students they will eventually teach. New To This Edition: NEW! Revises Chapter 5 on assessment--Discusses increased testing pressure and accountability, adds more information on equitable assessments, creates more explicit links between objectives and assessment, and includes assessments for students with special needs. NEW! Updates the Literature Connections feature to remove all out of print children's literature and include more non-fiction, poetry, and other types of readings. NEW! Weaves the Focal Points throughout the chapters as well as links them with the Big Ideas feature—Focal Points have also been added to the Appendix. NEW! Includes expanded coverage of working with diverse learners. NEW! Gives greater emphasis on dealing with math anxiety.
Traditional Chinese edition of How children Succeed: Grit, Curiosity, and the Hidden Power of Character, a bestselling and highly recommended book on educating successful children. Paul Tough is a journalist who is one of Americas foremost writers on poverty, education, and the achievement gap. His thorough research and inteviews found that people from multiple disciplines working independently on the problems of educating children, have found common grounds, which debunk the current education models. In Traditional Chinese. Annotation copyright Tsai Fong Books, Inc. Distributed by Tsai Fong Books, Inc.
Grade level: k, t.
Wilbur, the pig, is saddened when he learns he is destined to be the farmer's Christmas dinner. After some discussion, Charlotte, his spider friend, decides to help Wilbur.

Always on the cutting-edge of mathematics teaching, the new Sixth Edition continues to integrate technology with hands-on experience and the latest research and standards. The CD packaged with this book features videos with guiding questions to analyze real teacher-student interaction in the hard-to-teach math concepts. It also includes colored patterns to download that will help readers practice hands-on manipulations as they prepare for interactive test items.

Get students on your side and make classroom management easier with this easy-to-read, humorous survival guide. Whether in the classroom for a single day or a longer term, this handy resource is full of quick, relationship-building activities that make the difference between a day of spitballs and a day where students give you handmade bracelets. A valuable time-saver, the book includes specific lessons for all grades, in all subject areas. The ideal companion for the teacher just getting started, an experienced teacher filling in, or a full-time classroom teacher looking for new ways to connect with students, this timely book offers the tips and tools you need to not only survive, but succeed!

"The Big Ideas that convey the core concepts of mathematics are at the heart of this new book that gives early childhood educators the skills they need to organize for mathematics teaching and learning during the early years. For teachers of children ages three through six, the book provides foundations for further mathematics learning and helps facilitate long-term mathematical understanding. It's the perfect guide for those who want to focus their instruction on mathematics that is central, coherent, and rigorous. In it, readers see clearly why building early foundations in math matters, why teachers' understanding of foundational math matters, and why the methods used to teach it matter. Developed by the Erikson Institute's Early Math Collaborative team, the book groups the Big Ideas into nine chapter on topics that are familiar to early childhood teachers-sets, pattern and regularity, number, counting, operations, measurement, data analysis, shapes, and spatial thinking. The work is in keeping with the content strands identified by the National Council of Teachers of Mathematics (NCTM), and maps pathways to help teachers meet the Common Core State Standards for Mathematics." -- publisher website.

These nationally acclaimed titles ensure students' academic success with teachers and parents. The key to the Master Skills series is reinforcing skills through practice; using a contemporary approach to learning fundamentals through real-life applications. The workbooks in this series are excellent tools to prepare young learners for proficiency testing and school success. Answer keys included.

GO Math! combines fresh teaching approaches with never before seen components that offer everything needed to address the rigors of new standards and assessments. The new Standards Practice Book, packaged with the Student Edition, helps students achieve fluency, speed, and confidence with grade-level concepts. GO Math! is the first K-6 math program written to align with the Common Core. With GO Math! you will hit the ground running and have everything you need to teach the Common Core State Standards. GO Math!

combines fresh teaching approaches with everything needed to address the rigors of the Common Core Standards. Using a unique write-in student text at every grade, students represent, solve, and explain -- all in one place. -Publisher.

Correlates with the Student Workbook; Reviews the assessed Texas Essential Knowledge and Skills (TEKS) for Reading and Mathematics; Provides correct answers and analyses for the Assessments; Correlation charts and skills charts help educators track students’ strengths and weaknesses with STAAR. Includes Practice Tutorial CD for use on screen or IWB.

This book compiles and synthesizes existing research on teachers’ use of mathematics curriculum materials and the impact of curriculum materials on teaching and teachers, with a particular emphasis on – but not restricted to – those materials developed in the 1990s in response to the NCTM’s Principles and Standards for School Mathematics. Despite the substantial amount of curriculum development activity over the last 15 years and growing scholarly interest in their use, the book represents the first compilation of research on teachers and mathematics curriculum materials and the first volume with this focus in any content area in several decades.

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The teaching and learning of mathematics in Saskatchewan—one of three Canadian provinces sharing a border with Montana—has a long and storied history. An integral part of the past 50 years (1961-2011) of history has been vinculum: Journal of the Saskatchewan Mathematics Teachers' Society (in its many different renditions). This monograph, which presents ten memorable articles from each of the past five decades (i.e., 50 articles from the past 50 years of the journal), provides an opportunity to share this rich history with a wide range of individuals interested in the teaching and learning of mathematics and mathematics education. Each decade begins with an introduction, providing a historical context, and concludes with a decade-specific commentary by a prominent member of the Saskatchewan mathematics education community. As a result, this monograph provides a historical account as well as a contemporary view of many of the trends and issues (e.g., curriculum, technology) in the teaching and learning of mathematics. This book is meant to serve as a resource for a variety of individuals, including teachers of mathematics, mathematics

teacher educators, mathematics education researchers, historians, and undergraduate and graduate students and, further, as a celebratory retrospective on the work of the Saskatchewan Mathematics Teachers' Society.

This portable laptop workbook, with handy wipe-off board and dri-erase pen, is the ideal way to fight brain drain when kids are out of school. The latest titles in the best-selling Get Ready for School series are the perfect take-along activity books. With its wipe-clean surface and dri-erase pen, Get Ready for Kindergarten On-the-Go provides reusable space to practice Pre-K skills and get a head start on Kindergarten topics. This 160-page workbook is packed with activities that cover phonics, letter and number formation, shapes, colors, rhyming, and opposites, all of which support current curriculum standards. And because the laptop workbook is the perfect package for one-the-go learning, there will be sidebars with travel games that educate. Perfect for vacations or whenever kids are out of school, Get Ready for Kindergarten On-the-Go will help keep young minds sharp all year long.

Thinking Kids'(R) Math is a fun and hands-on approach to learning math! Increase your kindergartenerÕs critical thinking and problem solving skills with the colorful, interactive activities. Each activity supports early learning standards and uses a variety of manipulatives to encourage your child to connect with the math skills he or she is learning. In Thinking Kids Math, your child will learn about counting, sequencing, ordinal numbers, graphing, time, and money. Thinking Kids'(R) Math is a series of hands-on, manipulative math activities aligned to the Common Core State Standards. Each 192-page book consists of different types of grade-appropriate hands-on activities. This series was built on the idea that children learn math concepts best through hands-on experiences. These activities will provide hours of fun while encouraging Common Core Standards through active learning.

Mathematics and Teaching uses case studies to explore complex and pervasive issues that arise in teaching. In this volume, school mathematics is the context in which to consider race, equity, political contexts and the broader social and cultural circumstances in which schooling occurs. This book does not provide immediate or definitive resolutions. Rather, its goal is to provoke and facilitate thoughtful discussion about critical issues for professional decision-making in mathematics teaching. This is the 7th volume in Reflective Teaching and the Social Conditions of Schooling: A Series for Prospective and Practicing Teachers, edited by Daniel P. Liston and Kenneth M. Zeichner. It follows the same format as previous volumes in the series. Part I includes four case studies of classroom experiences: "Race and Teacher Expectations"; "Mathematics for All?"; "Culture and School Mathematics"; and "Politics and School Mathematics." Each case is followed by a space for readers’ own reactions and reflections, school stakeholders’ reactions, and a summary with additional questions for further discussion. Part II presents three public arguments representing different views about the issues that arise in mathematics teaching: conservative, liberal

and radical multiculturalist. Part III offers the authors' reflections on the centrality of culture in teaching mathematics, resources and exercises for further reflection, and a bibliography for further reading. Mathematics and Teaching is pertinent for all prospective and practicing teachers at any stage in their teaching careers. It is appropriate for any undergraduate and graduate course addressing mathematics teaching issues.

Traditionally, small-group math instruction has been used as a format for reaching children who struggle to understand. Math coach Kassia Omohundro Wedekind uses small-group instruction as the centerpiece of her math workshop approach, engaging all students in rigorous "math exchanges." The key characteristics of these mathematical conversations are that they are: 1) short, focused sessions that bring all mathematical minds together, 2) responsive to the needs of the specific group of mathematicians, and 3) designed for meaningful, guided reflection. As in reading and writing workshop, students in Kassia's math workshop are becoming self-directed and independent while participating in a classroom community of learners. Through the math exchanges, students focus on number sense and the big ideas of mathematics. Teachers guide the conversations with small groups of students, mediating talk and thinking as students share problem-solving strategies, discuss how math works, and move toward more effective and efficient approaches and greater mathematical understanding. Although grounded in theory and research, Math Exchanges is written for practicing teachers and answers such questions as the following: How can I use a math workshop approach and follow a certain textbook or set of standards? How should I form small groups? and How often should I meet with small groups? What should I focus on in small groups? How can I tell if my groups are making progress? What do small-group math exchanges look like, sound like, and feel like?

Spectrum Math helps students apply essential math skills to everyday life! The lessons, perfect for students in kindergarten, strengthen math skills by focusing on same and different, adding and subtracting, shapes, writing numbers, patterns, and more! The variety of activities also helps extend problem-solving and analytical abilities. It features easy-to-understand directions, is aligned to national and state standards, and also includes a complete answer key. Today, more than ever, students need to be equipped with the essential skills they need for school achievement and for success on proficiency tests. The Spectrum series has been designed to prepare students with these skills and to enhance student achievement. Developed by experts in the field of education, each title in the Spectrum workbook series offers grade-appropriate instruction and reinforcement in an effective sequence for learning success. Perfect for use at home or in school, and a favorite of parents, homeschoolers, and teachers worldwide, Spectrum is the learning partner students need for complete achievement.

Your Total Solution for Math Kindergarten will delight young children with

activities that teach numbers 0Ð20, sequencing, opposites, graphing, telling time, and more. Standardized testing practice is included. Your Total Solution for Math provides lots of fun-to-do math practice for children ages 4Ð8. Colorful pages teach numbers, counting, sorting, sequencing, shapes, patterns, measurement, and more. Loaded with short, engaging activities, these handy workbooks are a parentÕs total solution for supporting math learning at home during the important early years.

This set provides the consumable Student Edition, Volume 1, which contains everything students need to build conceptual understanding, application, and procedural skill and fluency with math content organized to address CCSS. Students engage in learning with write-in text on vocabulary support and homework pages, and real-world problem-solving investigations.

The teaching number sense series focuses on the critical role that number sense plays in students' developing mathematical understanding. Number sense encompasses a wide range of abilities, including being able to make reasonable estimates and to think and reason flexibly.

Todays kindergarten teachers face enormous challenges to reach district-mandated academic standards. This book presents a model for 21st-century kindergartens that is rooted in child-centered learning and also shaped by the needs and goals of the present day. Classroom teachers working with diverse populations of students and focusing on issues of social justice provide vivid descriptions of classroom life across urban and rural communities. Teacher reflections and commentary from the editors link teacher decisions to principles of good practice. Teaching Kindergarten illustrates how a progressive, learning-centered approach can not only meet the equity and accountability goals of the Common Core State Standards but go well beyond that to educate the whole child.

This book provides international perspectives on the use of digital technologies in primary, lower secondary and upper secondary school mathematics. It gathers contributions by the members of three topic study groups from the 13th International Congress on Mathematical Education and covers a range of themes that will appeal to researchers and practitioners alike. The chapters include studies on technologies such as virtual manipulatives, apps, custom-built assessment tools, dynamic geometry, computer algebra systems and communication tools. Chiefly focusing on teaching and learning mathematics, the book also includes two chapters that address the evidence for technologies’ effects on school mathematics. The diverse technologies considered provide a broad overview of the potential that digital solutions hold in connection with teaching and learning. The chapters provide both a snapshot of the status quo of technologies in school mathematics, and outline how they might impact school mathematics ten to twenty years from now.

Go Math! Grade KHoughton Mifflin School

For many years Letterland has led children to skillful reading, accurate spelling and a love of literacy. Now this sequel Step-by-Step Letterland Guide provides fresh support for your children's second school year in their journey to full literacy.

Through an exciting multimedia format, Teaching Preschool and Kindergarten Math takes you into an early childhood classroom for a seeing is believing look at how to create a focused, successful mathematics program while simultaneously deepening your knowledge of the mathematical ideas that need to be developed at an early age. The demands of the CCSS require students to have a stronger grounding in math concepts in early childhood is the most powerful predictor of later learning. These factors and more make Teaching Preschool and Kindergarten Math an essential go-to resource for the teaching and learning of early childhood mathematics. 50-minutes DVD Reproducibles 368 pages

Spectrum Math for kindergarten keeps kids at the top of their math game using progressive practice, math in everyday settings, and tests to monitor progress. The standards-based math

workbook covers addition, subtraction, shapes, and basic measurement. A best-selling series for well over 15 years, Spectrum still leads the way because it works. It works for parents who want to give their child a leg up in math. It works for teachers who want their students to meet—and surpass—learning goals. And it works to help children build confidence and advance their skills. No matter what subject or grade, Spectrum provides thorough practice and focused instruction to support student success.

A kindergarten mathematics curriculum based on the Common core standards (c. 2010) and designed for use in Florida schools.

This book examines teaching as a gendered occupation from the perspectives of contemporary women teachers (ascertained through interviews and participant observation in two schools), and historical teachers (whose views are constructed through diaries and letters archived in libraries). Equally important, the book examines meanings about teachers that circulate in the culture through fiction, biography, and talk. “Synthetic and well written, with a fine sense of historical and empirical detail and an equally fine sense of what is at stake politically and educationally in education today. The book is an important contribution to our understanding of gender relations in education.” —Michael W. Apple, The University of Wisconsin–Madison “This book is a valuable contribution to our understanding of the way conceptions of gender have shaped school practices.” —Kathleen Weiler, Tufts University “Biklen’s qualitative sources provide rich insights and her blend of sociology and history offers a fresh conceptual approach.” —History of Education Quarterly