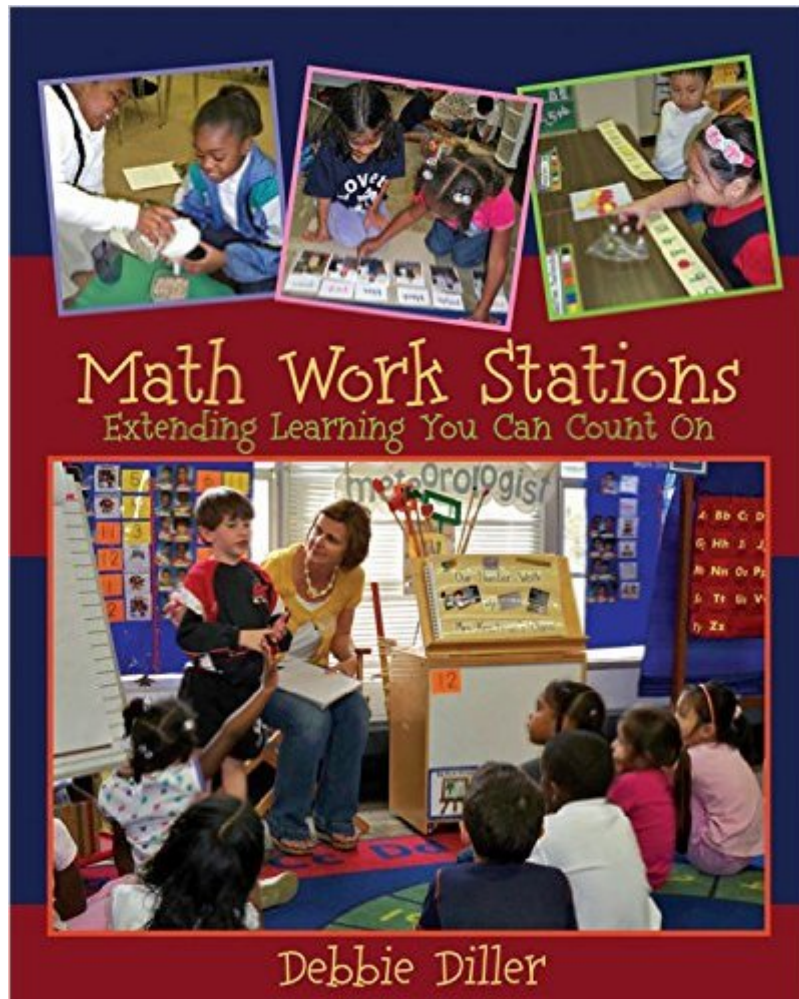


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# Math Work Stations: Independent Learning You Can Count On, K-2



## Synopsis

If you've ever questioned how to make math stations work, you'll find this photo-filled, idea-packed resource invaluable. This book extends Debbie Diller's best-selling work on literacy work stations and classroom design to the field of mathematics. In *Math Work Stations* you'll find ideas to help children develop conceptual understanding and skills, use math vocabulary as they talk about their mathematical thinking, and connect big ideas to meaningful independent exploration and practice. This book details how to set up, manage, and keep math stations going throughout the year. There's even a chapter devoted solely to organizing and using math manipulatives. Each chapter includes: key concepts based on NCTM and state math standards; math vocabulary resources and literature links; suggested materials to include at each station for the corresponding math content strand; ideas for modeling, troubleshooting, differentiating, and assessment; and reflection questions for professional development. Throughout the book, Debbie has included hundreds of color photos showing math work stations in action from a variety of classrooms in which she has worked. Charts, reproducible forms, and math work stations icons are included to provide everything you'll need to get started with stations in your classroom right away.

## Book Information

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## Customer Reviews

I am crazy about this book! It is so colorful and direct and to the point! You can begin using the ideas immediately and effectively. I love how the author shows real teachers and their classrooms and how they organized their math station materials. It has caused me to totally rethink how I

organize my math materials. BUY THIS BOOK!!!!

WOW!!! I wish I would've had this eight year ago when I started teaching kindergarten!! I am SO EXCITED about this book! I have been telling everyone I teach with! This summer, I am getting everything together so I can start next year with these ideas. I have been searching for better ways to teach my kindergarten kids math that is MEANINGFUL and CHEAP! With Math Workstations, you use materials that you already have - bears, unifix cubes, dice, dominoes, etc. Mrs. Diller gives lots of details on how to introduce and manage Work Stations. The color pictures are wonderful...seeing the actual work done by children really helped me. Grab a HIGHLIGHTER and take notes because there are ideas that you can start with tomorrow in your classroom.

EXCELLENT resource for K-2 educators. I will begin my first year of teaching next year and I cannot wait to put these ideas into practice in my classroom. This book is packed full of great ideas for activities you can use at each station (plus, all the activities are aligned with the common core standards). In addition to ideas for station activities, the book includes tips for managing, organizing, maintaining, differentiating, assessing, and troubleshooting math stations. Diller includes ideas for incorporating problem solving at each station as well as lists of children's literature for each topic. This is the best and most practical math resource book I have yet to read. I love that it includes color photographs as well! Math stations are the way to go - they facilitate independent learning, cooperation, problem-solving, and concrete hands-on experiences that help promote a deep understanding of math concepts - what more could you ask for?! As a side note, Diller's book 'Literacy Work Stations' is awesome as well!

If you are beginning or revamping math workstations/centers in your primary classroom, this book is a great compilation of ideas from so many teachers. It's rich with pictures and illustrations. Super book! A must have!

If you really want to have meaningful math stations where children can work independently at their own levels so you can work with small math groups, this is the book for you! Debbie Diller brings her literacy stations expertise to the world of math, and her ideas can be workable in any elementary classroom. There are plenty of examples of what math stations are and aren't, as well as great advice on how to clean out and organize your math materials so you can use them more effectively. Further sections of the book are divided by big math idea, and they include what kinds of math

children need to understand at various primary grades, ideas to incorporate necessary knowledge into meaningful math stations, great partner games with materials lists, suggestions on how to support clear math communication, assessment ideas, literature connections, and practical technology integration information. The glossary gives concise definitions a teacher might need, and the appendix has reproducible versions of many resources mentioned throughout the book. This could be your go-to math book this school year!

I have been using math workshop in my classroom for over 10 years, but this book brought new and fresh ideas. Having taught for over 15 years, I didn't feel like I needed a lot of the 'theory' that comes with other books. This book is user friendly and full of great games and ideas to use for math workshop. The colored pictures of charts and students playing games is also very helpful. I think anyone doing workshop in K-2 (and perhaps even 3) should get this book!

I bought Debbie Diller's Literacy Work Stations book about 4 years ago and used a lot of ideas from it. I was very excited to see her Math Work Stations book come out, since I sometimes feel the focus at school falls on literacy more than math. I was very excited to see her organize math concepts by categories and give lots of ideas for each topic, including lists of manipulatives and books for each concept. I had tried math work station tubs on my own, last year, but I really didn't know what to include in the tubs, so I abandoned the idea. With this new idea book from Debbie Diller, I feel that I can effectively implement math station tubs, again, this year. I also feel confident that I will be covering all the topics I need to cover in Kindergarten. I would highly recommend this book!

Excellent resource. This book is an easy read jam packed with ideas that can easily be put into immediate use.

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