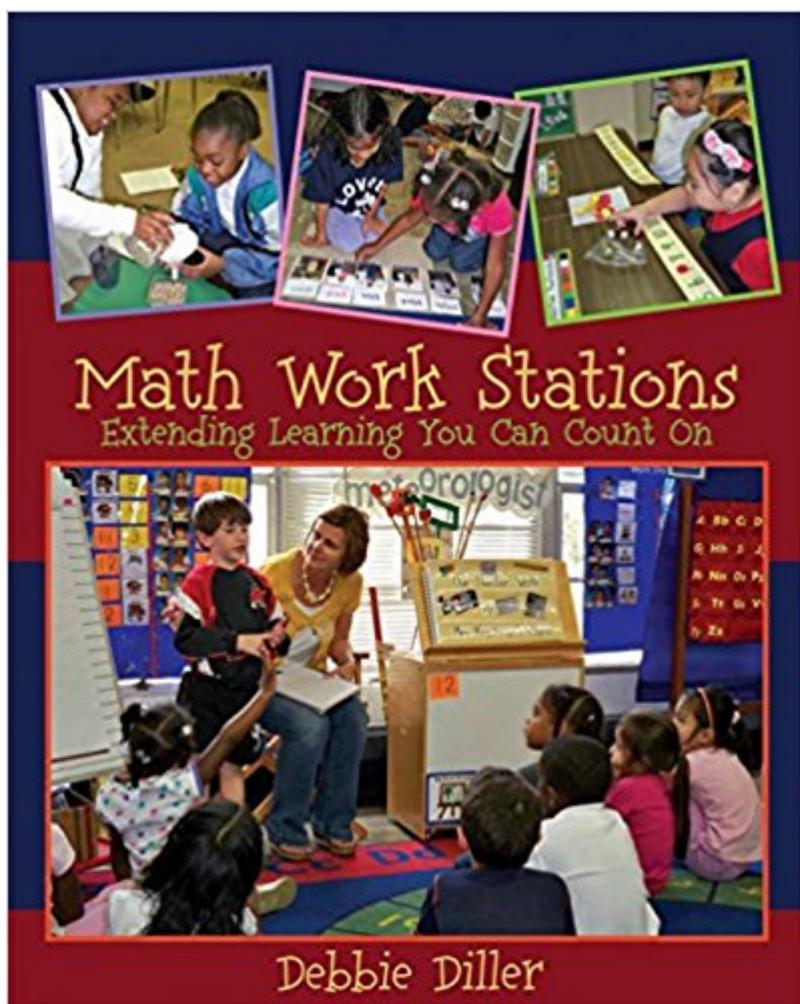


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# Math Work Stations: Independent Learning You Can Count On, K-2



## 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

There is so much to learn from Diller's visually stunning book the many photos of students using the math workstations are really helpful. All this information is invaluable to help visualize how your classroom can look and how the math workstations can function. It is an indispensable shortcut to

many hours of organizing and preparation. I cannot ask for anything more than what is available in this resource! --Professionally Speaking

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.

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!

For those of us learning about stations and how to get them together, this was great. What I didn't expect and loved was that it also gives you ideas on specific stations you could create and how to introduce them to your students. Loved the pictures. Very explicit.

Debbie's books have a way of bringing centers to life in the classroom. She's great at what she does. If you need help getting started, this book is for you.

Ms. Diller has written this book in specific chapters for each math topic (place value, geometry, addition and subtraction, etc.). In each chapter is a vignette and ideas to help enhance your math

workstations. There is even an appendix with pictures and word problems to get you started. A great resource for those who don't really know where to begin or for those who are looking for new ideas!

Great book!! This changed so many things in my classroom and made life so much easier.

Explicit step by step overview of math centers that range from organization to instruction techniques make this a necessary book for primary teachers! Pictures of the processes make it very easy to quickly apply in your own classroom. I began using it immediately and add more of its examples each year!

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 bought my own copy after borrowing another teacher's and using it all year! I just took it to a professional development math workshop, and everybody there who looked through it agreed that this book offers great tips on using hands on activities and how to's for organizing and storing materials. If you use a workshop model or math stations in K-2, this book is extremely helpful.

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