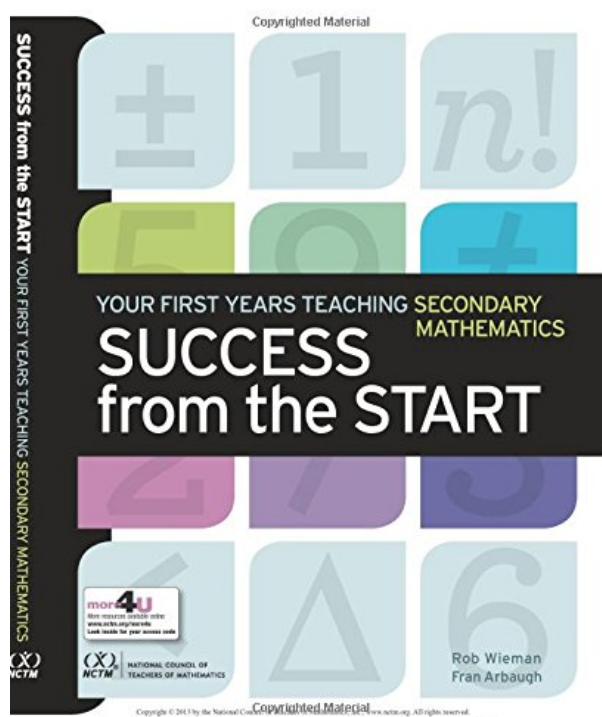
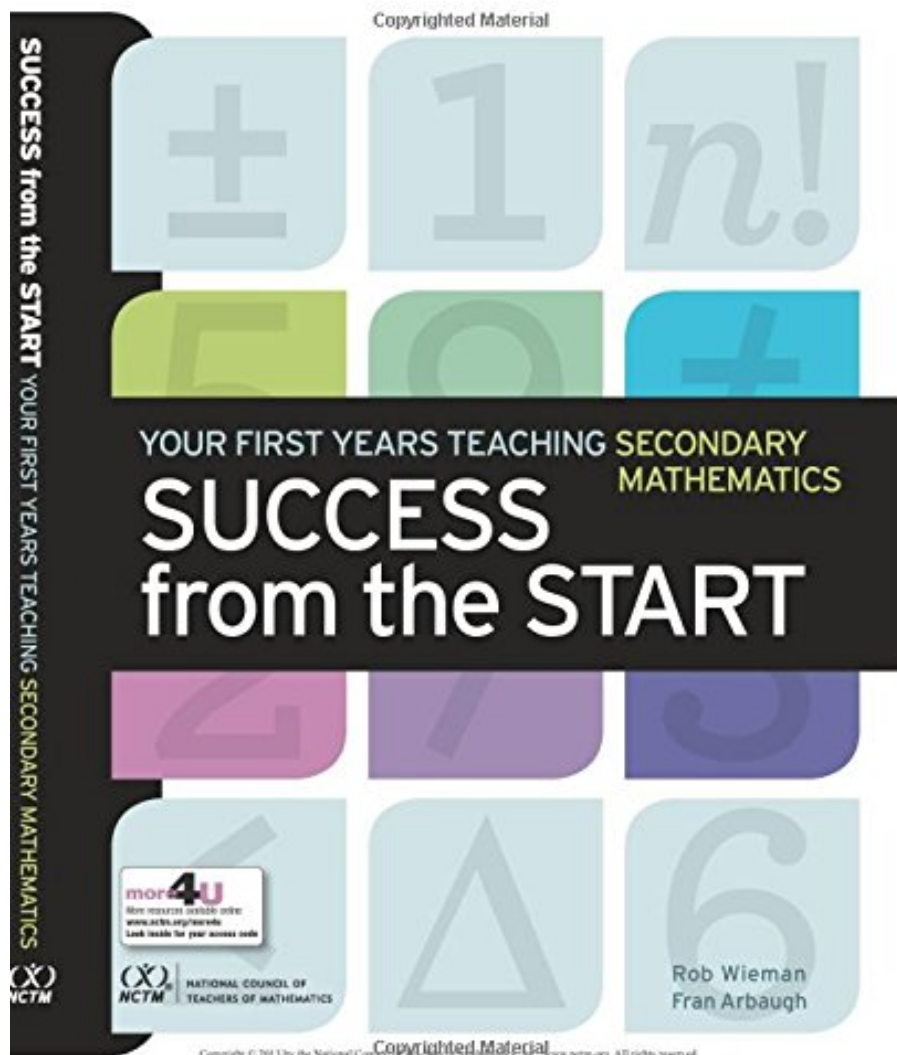


SUCCESS FROM THE START: YOUR FIRST YEARS TEACHING SECONDARY MATHEMATICS BY ROBERT WIEMAN, FRAN ARBAUGH



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Review

Too much advice for teachers is either too abstract to be useful or consists of cute ideas for tomorrow that offer no lasting support. Wieman and Arbaugh hit the coveted middle ground practical ideas for teachers drawn from sound principles of learning and teaching. Because their focus is directly on middle and secondary school mathematics, they have produced a rare practical guide for upper-grade teachers that is easily accessible and rewardingly substantive. Middle and high school math teachers who want to improve their teaching, with the Common Core State Standards in mind, cannot go wrong by reading this book, cover to cover. --James Hiebert, University of Delaware

In *Success from the Start*, Wieman and Arbaugh provide a comprehensive toolbox of practices, techniques, and advice for secondary mathematics teachers who are just starting out. While the book is focused on the beginning teacher, it will be a go-to reference teachers can actively continue to draw from even after their early days. --Jay Altman, Cofounder and CEO, Firstline Schools New Orleans, Louisiana

An upbeat and useful book for being a great mathematics teacher. Just as in mathematics we connect concrete situations to abstract concepts, *Success from the Start* uses concrete classroom vignettes and examples to make important big ideas of effective mathematics teaching visible and doable. From what routines need to be established (and how to do them), to making groups work (and other classroom management ideas), to discussion strategies that engage students in sharing their ideas, the book offers a significant collection of pragmatic strategies essential for new teachers but certainly valuable to all teachers. --Jennifer Bay-Williams, University of Louisville, Louisville, Kentucky Past President, Association of Mathematics Teacher Educators

About the Author

Rob Wieman is an assistant professor of teacher education at Rowan University. Rob worked as a teacher and math coach in the New York City public schools for twelve years before getting his Ph.D. in 2012 at the

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The Essential Guide to Navigating Your First Years of Teaching Secondary Mathematics. You just signed your first contract to teach secondary math. You're excited, but you probably have many questions and concerns: What do I do when students don't get the lesson? How can I help students who struggle with math that they supposedly learned in elementary school? How do I arrange for students who are absent to make up the work? Do I assign seating or let students choose their seats? Should I have students work in groups? How much homework should I assign and how much should I grade? Though you may envision your classroom as a place where students engage with mathematics and learn important content, you may also worry about how your teaching will actually play out how you and your students will interact and what they will learn. Based on classroom observations and interviews with seasoned and beginning teachers, this highly useful book offers valuable suggestions to improve your teaching and your students' opportunities to learn. The authors explore both the visible and invisible aspects of teaching and offer proven strategies to make the work meaningful not merely manageable. Success from the start means being prepared from the start. This book not only teaches you how to be an effective math teacher but also gives you the tools to do it well.

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8 of 8 people found the following review helpful.

Grounded in practice, not mired in dull theory

By Elizabeth Spinrad

A daring romp through one's first year of teaching higher-grades math, I found this book to be practical. It doesn't waste your time with endless rehashing of math-ed theory; rather, it goes straight to practice. This is what people need. I teach all-level (k-12) math and wish that I had had a book like this when I started my career in the 90's.

I purchased this book from a conference sponsored by the N.C.T.M. (National Council of Teachers of Math), but wanted to ensure that potential buyers on Amazon would know the value that it offers. Most of us started our path in teaching with little-to-no guidance, unless you were lucky enough to have a mentor teacher down the hall who would look in on you and help you adjust to what can be a frustrating, sometimes tearful year.

Wieman and Arbaugh have been there, and they know exactly what you are going thru. I would think that the concepts in the book could be useful even if you are a first-year teacher of, say, science, and maybe even any other subject. Even if you are well into your career as I am, you can always learn ways to hone and refine what you do, helping to make yourself an efficient and effective person who shapes the minds of students.

1 of 1 people found the following review helpful.

Not just for New Teachers! A must read for any math teacher that wants to improve their skill.

By Benjamin J. Coleman

I don't have a good way to describe this book except to say that it is complete where other books left gaps. It is specific where other books were general. It is detailed where others were frustratingly obscure. In a nutshell, this book teaches how to teach math based on the latest research on the subject. Practicing the principals presented here should lead to rigorous learning in students; not just learning that leads to high state test scores, but learning that students can apply to situations beyond the scope of what was presented in the classroom.

Everything is included. How to facilitate discussions, how to manage the classroom, decorate the walls, what to say, and what not to say, how to turn incorrect answers into teachable moments that make ALL students feel good about learning. Every important topic is covered.

The title suggests it is for new teachers, however, this is a powerful book which no math teacher should be without. I've been teaching math for four years. My students' scores are good, but I've always felt I could do more for them. This year I will. After reading this book, I plan to change EVERYTHING so it aligns with the suggestions presented here.

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