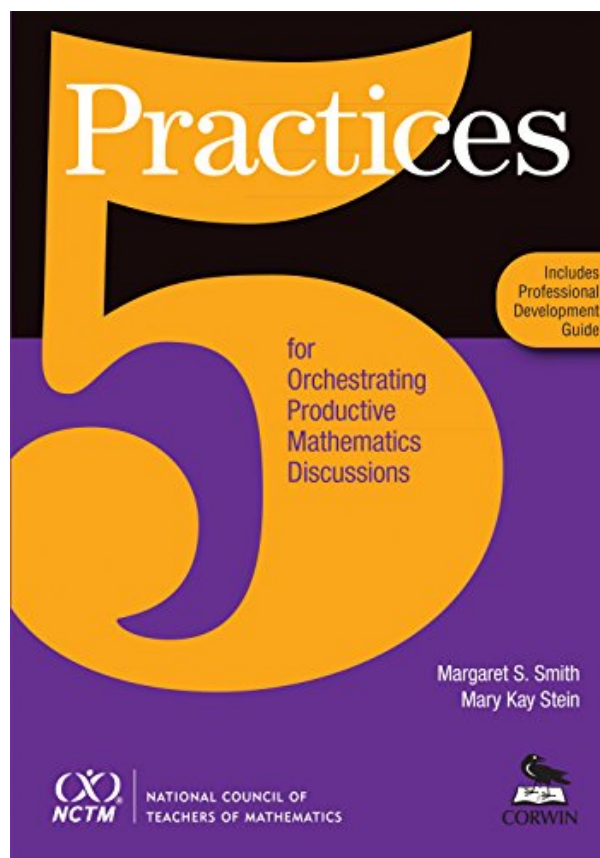
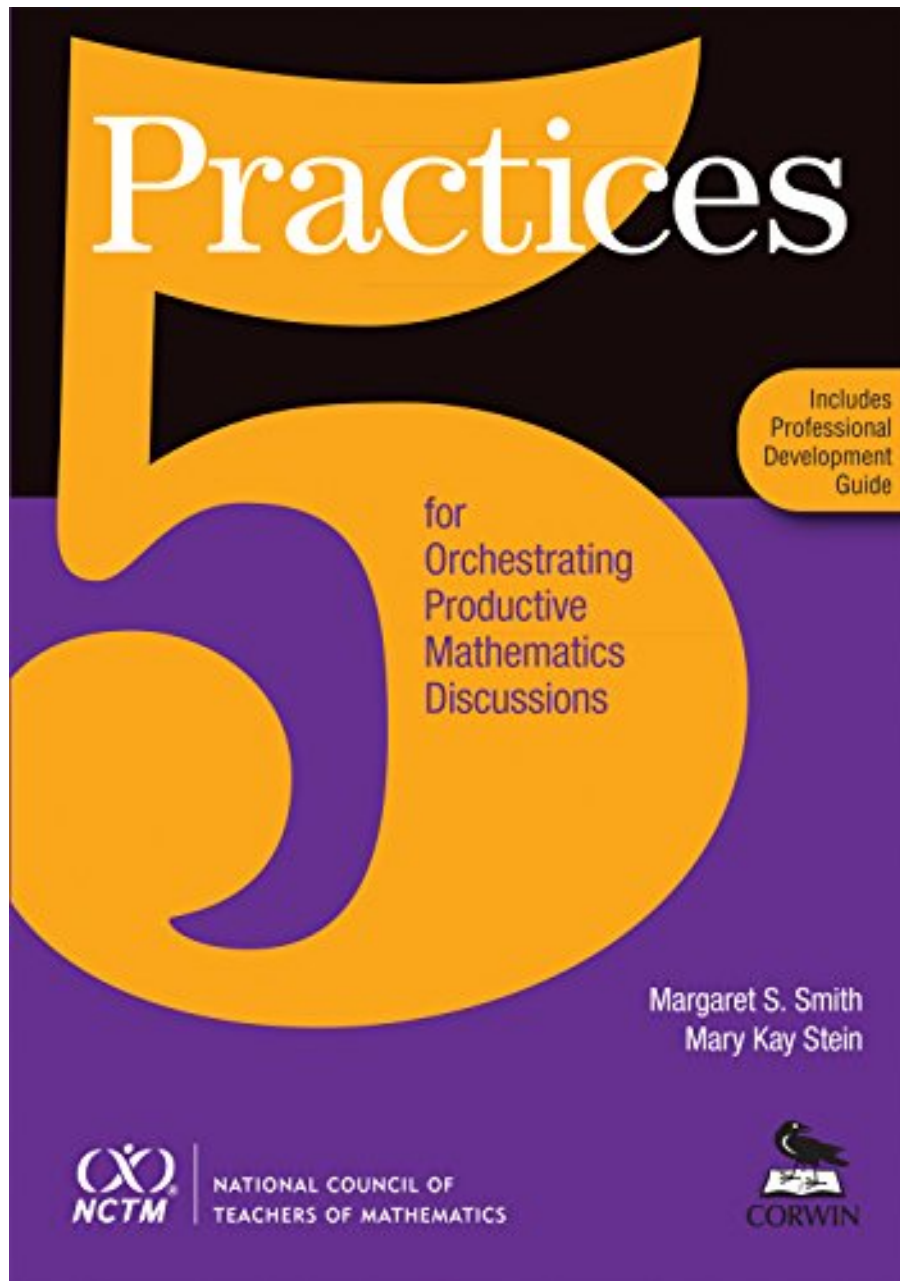


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Review

5 Practices for Orchestrating Productive Mathematics Discussions provides teachers with concrete guidance for engaging students in discussions that make the mathematics in classroom lessons transparent to all. These instructional practices are extremely timely in light of the focus on Standards for Mathematical Practice in the Common Core State Standards for Mathematics, and they will support teachers and students in engaging in these standards. This book will serve as a valuable foundation in our upcoming professional development. --Catherine Martin, Mathematics and Science Director 2011-04-15)

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Learn the 5 practices for facilitating effective inquiry-oriented classrooms

Anticipating what students will do--what strategies they will use--in solving a problem

Monitoring their work as they approach the problem in class

Selecting students whose strategies are worth discussing in class

Sequencing those students' presentations to maximize their potential to increase students' learning

Connecting the strategies and ideas in a way that helps students understand the mathematics learned

This book presents and discusses an framework for orchestrating mathematically productive discussions that are rooted in student thinking.

The 5 Practices framework identifies a set of instructional practices that will help teachers achieve high-demand learning objectives by using student work as the launching point for discussions in which important mathematical ideas are brought to the surface, contradictions are exposed, and understandings are developed or consolidated. By giving teachers a road map of things that they can do in advance and during whole-class discussions, these practices have the potential for helping teachers to more effectively orchestrate discussions that are responsive to both students and the discipline.

Includes a Professional Development Guide.

- Sales Rank: #10592 in Books
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- Published on: 2011-04-15
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- Number of items: 1
- Dimensions: 7.09" h x .31" w x 10.00" l, .0 pounds
- Binding: Paperback
- 104 pages

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- Used Book in Good Condition

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One of the most useful education-related books I have ever read. I always felt that the "share and summarize" portions of my lessons were the weakest part of my teaching repertoire and this book really helped me to see why AND gave me concrete tools that I am using to improve. Very easy to read and yet filled to the brim with the sorts of concrete suggestions that I find most useful. Truly transformational for me. I wish I could afford to give it to every teacher I know!

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