Interweaving Equitable Participation and Deep Mathematics

Building Community in the Elementary Classroom Susan Jo Russell, Deborah Schifter

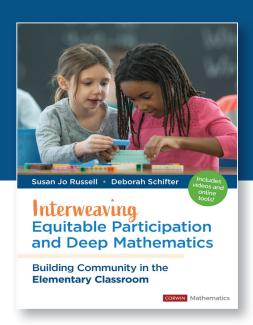
Creating mathematical community in elementary classrooms to support equitable engagement in deep mathematical content

Interweaving Equitable Participation and Deep Mathematics: Building Community in the Elementary Classroom focuses on a dual commitment: to teaching deep and challenging mathematics and to equitable participation for all students in the classroom community. With practical strategies and real-life examples, Susan Jo Russell and Deborah Schifter offer a design for building community organized around four key aspects: every voice matters; collaboration supports student agency; student-created representations offer anchors, openings, and depth; and students become initiators and advocates for their own learning. Each chapter examines how teachers implement these ideas through video examples from six public elementary-school classrooms.

A powerful resource for any educator interested in a mathematics education that fosters a true sense of community, this book

- Provides a window into a learning community of educators applying their understanding of mathematics to develop a teaching practice that fosters students' curiosity, meaningmaking, and mathematical agency
- Presents vivid examples of teachers and students in diverse classrooms engaged in rich mathematical tasks and deep collaborative conversations, inviting readers to reflect on their practices and students' learning
- Engages readers in math investigations to help them understand student thinking, provides reflection questions about the classroom video, and offers suggestions for taking next steps in one's own practice
- Includes commentaries on the videos by a group of "critical friends"—educators with deep experience in mathematics and equity—and by the teachers of the classrooms in the videos
- Offers free online tools for professional development and book study groups, including a Facilitator's Guide and a Notes Organizer, and suggests resources for continued learning.

This book is a must-read for anyone passionate about creating positive change in the mathematics education system!



ISBN: 9781071947739

FIVE STAR REVIEWS



This book is a mustread for math educators across K–12 who want to foster curiosity, meaning making, and collective mathematical agency in our nation's diverse classrooms... Powerful!

Julia Maria Aquirre Professor of Education, University of Washington Tacoma Tacoma, WA