

# Preparing Mathematics and Science Teachers for Diverse Classrooms: Promising Strategies for Transformative Pedagogy



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## Preparing Mathematics and Science Teachers for Diverse Classrooms: Promising Strategies for Transformative Pedagogy

# Preparing Mathematics and Science Teachers for Diverse Classrooms: Promising Strategies for Transformative Pedagogy

This book provides a theoretical basis and practical strategies to counter resistance to learning to teach for diversity (in culturally and gender-inclusive ways), and resistance to teaching for understanding (using student-centered and inquiry-based pedagogical approaches). Teacher educators from across the United States present rich narratives of their experiences in helping prospective and practicing teachers learn to teach for diversity and for understanding in a variety of mathematics and science contexts.

Mathematics and science education has been slow to respond to issues of diversity and equity. *Preparing Mathematics and Science Teachers for Diverse Classrooms: Promising Strategies for Transformative Pedagogy* helps to begin a network for support and collaboration among teacher educators in science and mathematics who work for multicultural education and equity.

A unique and much-needed contribution, this book is an essential resource for teacher educators, K-12 teachers who work as student teacher supervisors and cooperating teachers, and graduate students in mathematics and science education, and a compelling text for science and mathematics methods courses.

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