



## BUILDING TEACHERS' MATH CONTENT KNOWLEDGE: IMPLICATIONS FOR POLICY AND PRACTICE

**Please join us  
April 4th  
at 10:00 AM EST**

*Deborah Lowenberg Ball, Dean of Education and William H. Payne Collegiate Professor at The University of Michigan and National Mathematics Panel member, will speak on teacher content knowledge in mathematics. The session will be facilitated by Susan Janssen, Senior Math Specialist at EDC, and Kathy Dunne, Director of Professional Development at Learning Innovations at WestED.*

Deep mathematics content knowledge is essential if mathematics teachers are to prepare their students for 21st century careers and challenges. Mathematics researcher and former elementary classroom teacher Deborah Ball has focused her research on mathematics instruction, particularly on the nature of the mathematical knowledge teachers need. An expert on teacher education, she has developed survey measures for analyzing the relations among teachers' mathematical knowledge, the quality of their teaching and their students' performance. A principal investigator on the Study of Instructional Improvement, a large longitudinal study of efforts to improve instruction in reading and mathematics in high-poverty urban elementary schools, Ball also co-directs the Center for Proficiency in Teaching Mathematics.

We invite state leaders in mathematics instruction and assessment, higher education faculty in mathematics or mathematics education, mathematics leaders from state collaboratives, and district mathematics leaders to talk with Dr. Ball about her research, the recommendations of the National Mathematics Panel, and policy and practice implications in mathematics education.

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