



Workshop/Presentation Topics

- Why Focus on Mathematics?
- Building Algebraic Reasoning in Grades K–8
- Building Fraction Understanding Grades K–8
- The Common Core Mathematical Practices Across the Curriculum
- Developing Depth and Connections in K–8 Mathematics

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Jane Schielack is Professor Emerita in the Department of Mathematics and a former Associate Dean of Assessment and PreK-12 Education in the College of Science at Texas A&M University. A former elementary teacher, Dr. Schielack has pursued her interests in working with teachers and students to enhance mathematics learning in the elementary grades. She has focused her activities for improving elementary mathematics education in two main areas: teacher education and professional development and curriculum development.

As a teacher educator, she taught mathematics for elementary teachers for over 30 years and co-authored a textbook for the courses. Her professional development work has included the design of multiple sets of workshops, both face-to-face and web-based, addressing the mathematical knowledge of elementary and middle school teachers. Dr. Schielack participated on the writing committee of the NCTM Professional Standards for Teaching Mathematics.

With regards to curriculum development, she began her involvement at the Texas Education Agency where she participated in the development of the Texas Essential Knowledge and Skills for K-8 Mathematics. At the national level, she was the chair of the writing committee for the NCTM Curriculum Focal Points (2006) and editor of the NCTM Teaching with Curriculum Focal Points series for Grades 3-8. She was a member of the NCTM Review Team of the Common Core Standards and was an input group contributor. Through consultation, she continues to contribute to curriculum development and implementation at both the state and national levels. She was an author of *Scott Foresman-Addison Wesley Mathematics*, *Scott Foresman-Addison Wesley enVisionMATH*, *enVisionMATH Common Core*, and *enVisionMATH Common Core, Realize Edition*, and *digits*. She is currently an author of **enVisionmath2.0**.