



Program Author

Dr. Jane F. Schielack

**Associate Dean for Assessment and PreK-12 Education
Texas A&M University, College Station, Texas**

Workshop/Presentation Topics

- Using the Calculator to Promote Mathematical Thinking in the Elementary Grades
- Creating Meaning for Symbols to Build Problem-Solving Power
- Building Algebraic Reasoning in the Elementary Grades

Jane Schielack is an Associate Dean for Assessment and PreK-12 Education 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 participated on the writing committees of the NCTM Professional Standards for Teaching Mathematics and the Texas Essential Knowledge and Skills for K-8 Mathematics and was the chair of the writing committee for the NCTM Curriculum Focal Points (2006). She cochaired the statewide Action Team for Strengthening the Mathematical Preparation of Prospective Elementary Teachers in Texas. In addition, Dr. Schielack has created elementary mathematics activities that incorporate calculators in the elementary grades. She is an author of *Scott Foresman - Addison Wesley Mathematics* ©2008 and *Scott Foresman - Addison Wesley enVisionMATH* ©2009.