

Florida Association of School Administrators  
 Mathematics Break-out Sessions  
 July 27, 2010

Title	Topic	Brief Description	Presenters	District/Affiliation
Functions and Algebraic Thinking in the Elementary Classroom.	Elementary Math 3-5	Participants will experience a hands-on high depth of knowledge intermediate algebraic thinking lesson. Participants will view a Florida teacher implementing the lesson with fifth grade students and discuss student thinking and how it is used to determine the direction of the lesson.	Christi Moss	FCR-STEM
Unpacking Fewer Standards to Reach Greater Depth in the Primary Classroom	Elementary Math K-2	Participants will experience the unpacking of standards related to Place Value in the primary classroom. Experience the importance of teaching to greater depth using hands-on tools and view video classroom clips to see it all come together.	Gary Elkins, Laura Manning, and Kelly Mahaffey	Volusia
What and Why are there changes in middle school math instruction?	Middle School Math	Incorporating multiple strategies to teach middle school math concepts to greater depth and understanding (including use of manipulatives and technology).	John Miller and Michelle DiGioia	Polk
			Margaret Bambrick and Gail Burton	Volusia
Teaching Geometry for Conceptual Understanding: Meeting the Challenges of the NGSSS	Geometry	Geometry for all. Participants will experience multiple levels of van Hiele's phases of geometric thinking and learning using low-tech to high-tech teaching strategies to meet the demands of the new Geometry requirements.	Melanie Howard-Miller	Seminole
			Margaret Bambrick	Volusia
			Margaret Walker	Orange

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The Depths of Algebra 1: Teaching for Conceptual Understanding	Algebra I	Participants will be provided with a glimpse of the power associated with the Next Generation Sunshine State Standards (NGSSS) for Algebra 1. As we explore different strategies used to facilitate learning in a mathematics classroom, participants will be able to construct their own vision for implementing the NGSSS in Algebra 1.	Lisa Greco	Osceola
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<b>Time Preference (60 or 90 minutes)</b>
90 minutes
90 minutes
90 minutes
90 minutes

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90 minutes