

NATIONAL COUNCIL OF SUPERVISORS OF MATHEMATICS

Fall Leadership Seminar Agenda

Baltimore MD	October 16, 2013 Sheraton Baltimore City Center 101 West Fayette Street Baltimore, MD 21201 (410) 752-1100	8:00 A.M. – 4:00 P.M.
Las Vegas NV	October 23, 2013 Gold Coast Hotel & Casino 4000 W. Flamingo Road Las Vegas, NV 89103 (702) 367-7111	8:00 A.M. – 4:00 P.M.
Louisville KY	November 6, 2013 The Galt House Hotel and Suites 140 N 4th St Louisville, KY 40202 (502) 589-5200	8:00 A.M. – 4:00 P.M.

Digging Deeper: Leadership Tools for the Common Core Era

7:00 – 8:00 A.M.	Registration and Sponsor provided Continental Breakfast
8:00 – 8:45 A.M.	<p><i>Welcome to NCSM - YOUR Leadership Organization at Work for You!</i> Valerie Mills <i>President, National Council of Supervisors of Mathematics</i></p> <p>Description: Val will give a short welcome to the conference and will frame the day's work. This talk will focus on the "why" we at NCSM believe as we do and why we are doing this work today.</p>
9:00 – 11:45 A.M.	<p>Elementary (K-5) Session: <i>Developing Operations and Algebraic Thinking Across the Grades K-5</i></p> <p>Description: Preparing students for algebra is a concern in many schools today, and leaders must be prepared to support teachers' efforts to help students along this important learning trajectory. "How can we better prepare elementary students for algebra? More importantly, how can we help <i>all</i> children, not just those who excel in math, become ready for later instruction?" This session will draw from the work of Susan Jo Russel, Deborah Schifter, and Virginia Bastable in <i>Connecting Arithmetic to Algebra</i>. Participants will learn to support elementary teachers as they begin to shape their instruction so that students learn to engage with and use the Mathematical Practices related to algebraic concepts across the grades K-5.</p> <p>Secondary (6-12) Session: <i>NCSM's Great Tasks for Mathematics 6-12: Engaging Activities for Effective Instruction and Assessment that Integrate the Content and Practices of the Common Core State Standards for Mathematics</i></p>

	<p>Description: These sessions will focus on how both teachers and mathematics leaders can use NCSM’s Great Tasks in the classroom and in a professional learning setting to achieve the rigor and depth consistent with the Common Core State Standards for Mathematics. A Great Task has certain key properties that distinguish it from other tasks; participants will explore these ideas as they explore the tasks themselves. During the exploration, participants will have the time to sit down and really dig deeply into the mathematics and pedagogy involved with both the task itself and its implementation in a classroom or professional learning setting.</p>
11:45 – 1:00 P.M	<p>Lunch – Dreambox Learning presents Catherine Fosnot</p> <p>Resources – Valerie Mills</p>
1:15 - 4:00 P.M.	<p>Elementary (K-5) Session: <i>NCSM’s Great Tasks for Mathematics K-5: Engaging Activities for Effective Instruction and Assessment that Integrate the Content and Practices of the Common Core State Standards for Mathematics</i></p> <p>Description: These sessions will focus on how both teachers and mathematics leaders can use NCSM’s Great Tasks in the classroom and in a professional learning setting to achieve the rigor and depth consistent with the Common Core State Standards for Mathematics. A Great Task has certain key properties that distinguish it from other tasks; participants will explore these ideas as they explore the tasks themselves. During the exploration, participants will have the time to sit down and really dig deeply into the mathematics and pedagogy involved with both the task itself and its implementation in a classroom or professional learning setting.</p> <p>Secondary (6-12) Session: <i>NCSM’s Situations</i></p> <p>Description: With the call of the Common Core being “fewer, clearer, higher,” teachers have cried out for support in achieving the level of depth required by the standards. This depth can often be reached through well-orchestrated classroom discussion of problematic situations, or “teachable moments.” This session will focus on some of the more than 50 “situations” from the MAC-CPTM Situations Project. Participants will learn both the mathematics behind these sometimes-difficult classroom questions and how to use them as a tool to drive professional learning with teachers. Participants will receive a copy of the Situations Project User’s Guide.</p>