



Solano County Office of Education

2009-2010 Math Supper Seminar Series

Presented by the **UC Davis Mathematics Project**
 in collaboration with the **Solano County Office of Education**
 (Can be used for SB 472 Math Follow-up credit)

Mark the Date(s) and Grade Level(s) of the session(s) you want to attend

Date	Grade Levels	Topic
<input type="checkbox"/> 11/4/2009	<input type="checkbox"/> K-5 th Grade	Using Powerful Questions to Engage and Motivate Students: Teachers will explore how the use of powerful questions can be used to engage and motivate students while at the same time promoting conceptual understanding and mathematical thinking and reasoning. <i>Presenter: Pamela Brousseau</i>
	<input type="checkbox"/> 5 th -8 th Grade	Model Drawings, Fractions, and Percents: Teachers will explore the use of model drawings as a way to increase student's understanding of fractions and percents as well as strengthen student's overall problem solving abilities. <i>Presenter: Pam Hutchison</i>
<input type="checkbox"/> 1/13/2010	<input type="checkbox"/> PreK-2 nd Grade	How the Brain Learns Mathematics – Developing Number Sense and Learning to Calculate: Teachers will examine classroom strategies and activities based on current research on how young children learn mathematics. <i>Presenter: Pam Hutchinson</i>
	<input type="checkbox"/> 6 th Grade-HS	Perimeter, Area, and Volume: Manipulatives, measurement and technology will be used to help students understand then connections between perimeter, area, and volume. Handouts and electronic resources will be shared. <i>Presenter: Gail Standiford</i>
<input type="checkbox"/> 2/3/2010	<input type="checkbox"/> K-5 th Grade	Back to Basics with High Tech: <i>SmartBoard's Notebook software</i> has a wealth of activities and games that can be used to help your students master their basic arithmetic operations. "How to" handouts and electronic resources will be shared at this hands on workshop. Laptops are welcome but not required. <i>Presenter: Gail Standiford</i>
	<input type="checkbox"/> 6 th Grade – HS	Using Powerful Questions to Engage and Motivate Students: Teachers will explore how the use of powerful questions can be used to engage and motivate students while at the same time promoting conceptual understanding and mathematical thinking and reason. <i>Presenter: Pamela Brousseau</i>
<input type="checkbox"/> 3/10/2010	<input type="checkbox"/> 6 th -8 th Grade	Using Stations to Differentiate Instruction: Strategies for using stations for teaching and reinforcing essential concepts and increasing student engagement. <i>Presenter: Denise Brown</i>
	<input type="checkbox"/> 8 th Grade – HS	Solving and Factoring Quadratic Equations: Teachers will examine strategies relating to quadratics including how to complete the square, and the use of Algebra Tiles, Generic Rectangles and Diamond Problems. <i>Presenter: Amy Herzog</i>
<input type="checkbox"/> 4/14/2010	<input type="checkbox"/> 2 nd -8 th Grade	How the Brain Learns Mathematics – Teaching Math to Elementary School Students: Teachers will examine classroom strategies and activities based on current research on how children learn mathematics. <i>Presenter: Pam Hutchison</i>
	<input type="checkbox"/> 8 th Grade –HS	Using Games and Activities to Review for the CST: <i>SmartBoard's Notebook software</i> and Microsoft's Office can be used to create a wealth of activities to help your students prepare for their CST's. Customizable Bingo games, sorting and matching activities and fast paced review games will be presented. "How to" handouts and electronic resources will be shared at this hands on workshop. Laptops are welcome but not required. <i>Presenter: Gail Standiford</i>
<input type="checkbox"/> 5/4/2010	<input type="checkbox"/> 3 rd -5 th Grade	Using Stations to Differentiate Instruction: Strategies for using stations for teaching and reinforcing essential concepts and increasing student engagement. <i>Presenter: Denise Brown</i>
	<input type="checkbox"/> 8 th Grade-HS	How Can We Use This? Real Life Applications of Algebraic Functions That Kids Can Relate To: Make the big ideas of Algebra come alive for your students as they find equations for everyday situations. From ball tosses to how many Kix can fit into a lid, students will gather data and use linear and non-linear functions to model the situation. Keep your students engaged after the CST testing and help them "see" the math they have learned all year. "How to" handouts and electronic resources will be shared. <i>Presenter: Gail Standiford</i>

The grade spans indicate the targeted grades. Teachers interested in identified topic are invited to attend, regardless of current grade level teaching. Sessions are open to all teachers in Solano County, Napa County, Contra Costa County and Yolo County.

Time: 4:30 to 7:30 p.m. (*Dinner included in registration*)
Location: Solano County Office of Education; 5100 Business Center Drive; Fairfield, 94534
Cost: \$15 per session Must register and pay in advance.

Please return registration form and payment to:
 Solano County Office of Education/Attn: Linda Brown, 5100 Business Center, Fairfield, CA 94534
 For additional information, contact Linda Brown at 707-399-4409 or LBrown@solanocoe.net
Registration will not be processed until payment has been received.

Name: _____ Home Phone: _____ E-Mail: (Required) _____ PO# or Check#: _____	Home Address: _____ City & Zip: _____ School and District: _____ Payment: _____
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Cancellation requests must be received in writing 10 business days prior to the first date of the course. SCOE may cancel workshops due to low enrollment.