



## CMCN<sup>∞</sup> Fall Mathematics Conference

C<sup>3</sup> Common Core Connections

Collaboration, Curriculum, & Communication = Success!

Sharing new teaching standards and new teaching style.

**2013**

**Saturday, October 12, 2013**

**McKinleyville Middle School**

**2285 Central Ave, McKinleyville CA 95519**

Sponsored by the California Math Council To The Far North,  
Redwood Area Math Project  
Humboldt County Office of Education &  
Del Norte County Office of Education

### **Keynote Speaker: Brad Fulton**

*Teacher & Education Consultant, ttpress.com*

*In his presentation, Brad will elaborate on his statement "The new Common Core Standards will not require us to learn a new mathematics we have never seen before, but they will most definitely demand that we teach in new and richer ways."*

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## Program Overview

- 8:00 - 8:25 a.m. Registration and breakfast/ Use your device to find CCSS resources on line.  
Sign up for pm planning session on wall posters.
- 8:30 – 8:45 a.m. CMCFN Welcome: Beth Baker  
CMCFN Award Recipient: Lori Breyer-  
*Outstanding Contribution to Mathematics Education on the North Coast*  
CMCFN Everyday Hero, Luke Biesecker
- 8:45 - 9:20 a.m. Keynote Address: **Brad Fulton**
- 9:30 – 10:20 Breakout A
- 10:30 - 11:20 Breakout B
- 11:30 - 12:20 Breakout C
- 12:30 - 1:00 p.m. AM Closing/Evaluations/Prize Raffle and closing remarks  
(You will receive a raffle ticket when you turn in your conference evaluation form)  
Lunch for all day participants
- 1:00-3:15 Guided Collaboration: Facilitated teams convene to plan next steps in CCSS implementation.



## Breakout A 9:30-10:20 AM

Presenter	Room	Grade level	Title and Brief Description
Shannon Morago, HSU	4	K-12	<i>Facilitating Academic Discussion to Promote Student Understanding</i> Academic discussions are an effective way to promote deep understanding in any content area and at all levels of education. We will explore how to identify and plan for quality instructional practice related to academic discussion, including defining effective discourse and using questions to increase learning in mathematics.
Greg Gaiera Union Street Charter	11	3-5	<i>Number grid difference</i> Learn an Everyday math game to teach an effective (and common core aligned) strategy for finding the difference between two numbers.
Mary Ann Sheridan, McKinleyville Middle	19	6-8	<i>MARS Tasks for Next Week</i> Come on down... We have CCSSM tasks with an entry level for all students! Have fun and leave with an activity for Monday.
Dale Oliver, HSU	17	9-12	<i>Trains and Hardware</i> - Lessons to promote proportional reasoning.
Brad Fulton, <i>tttpress</i>	13	3-5	<i>Building Number Sense</i> Number sense is the foundation of all success in mathematics. Learn how to foster richer number sense through quick and easy activities.
Bill Funkhouser, Zane Middle	lab	3-12	<i>No more STAR test?</i> Time to take the SBAC and see how it looks! Log on to SBAC test site and pilot the test. As you try it, you'll begin to see how CCSS will re-shape your teaching and your lessons. Share out ideas with the group and have a whole new perspective to take back to your colleagues and admin.
Colby Smart, HCOE	2	K-12	<i>Android apps for teachers &amp; students</i> Did you know you can tap into teaching resources on your android smart phone? Come and try some favorites and bring them to class on Monday.

## Breakout B 10:30-11:20 AM

Presenter	Room	Grade level	Title and Brief Description
Tami Matsumoto HSU/CR Amber Buntin HSU/CR	4	K-2	<i>Math Talks in Primary Grades</i> Math Talk engages students in learning mathematics. Encouraging dialogue and conversations helps students explore mathematical thinking and promotes deeper understanding of mathematical concepts. Learn strategies toward more effective mathematical discussions in K–2 classrooms.
Becky George Kendall Pickenpaugh, Joe Hamilton Elem. Hollie Goodman ECS	11	3-5	<i>Fractions...beyond pizza and bears</i> Deeper conceptual understanding sounds great, right? But what does it look like? Come explore fractions on number lines, guaranteed to broaden your fractional horizons!
Amy Hubbard, Sunny Brae Middle	19	6-8	<i>Common Core Proportional Relationships</i> Proportional relationships are an integral part of the 6th-8th grade Common Core math curriculum. Come find websites, activities, math talks, diagnostic lessons and re-engagement lessons that will help you teach proportions in a whole new way.
Luke Biesecker, Fortuna High Dave Morrow, Leggett Unified	17	9-12	<i>Mathematical Modeling</i> Mathematical modeling links classroom mathematics to real life decision making. Engage in the math modeling process and discover how it naturally incorporates the standards for mathematical practice.
Brad Fulton, <i>tttpress</i>	13	6-8	<i>Functions–Part 1</i> Middle school students need a good grasp on the concept of functions for success in upper level mathematics. In part 1, we will look at two function activities that introduce students to the ideas of slope, intercept, t-tables, graphing, direct and indirect variation through visual and hands-on approaches
Lori Breyer, HCOE	lab	K-12	<i>Explore your online CCSS resources</i> There are almost more resources than teachers have time to look at. Come and explore some of the most user-friendly sites for lessons and assessment. <ul style="list-style-type: none"> <li>• Session repeats in Breakout C</li> </ul>
Colby Smart, HCOE	2	K-12	<i>iPads in the classroom for teachers &amp; students</i> Once you get a class set of devices, what can you do with them? Come and use one of 15 iPads and see what they can do in your classroom.

## Breakout C 11:30-12:20 AM

Tami Matsumoto HSU/CR Amber Buntin HSU/CR	4	K-2	<i>Subitize! Quick ... How many dots? ::: (Don't count them all)</i> Subitize: to judge (the number of objects in a group) rapidly, accurately, and confidently without counting them. Subitizing is one of the most important foundational skills for young learners and has been linked to later math achievement. Learn more about it and ways to teach this important fundamental skill!
Elizabeth Rivera, Morris Elementary	11	3-5	<i>Fact Fluency &amp; More</i> Research shows that games promote learning and retention. Come in and learn games to play that students will love.
Becca Schuler, Laurel Tree Charter	19	5-10	<i>Stomp It! Build-a-Rocket</i> Data has never been so fun to collect! Take the challenge and make a fabulous stomp rocket out of one 8.5 x 11 inch piece of paper! Then make a launcher out of recycled material, stomp, and watch your rocket fly!
Stuart Moskowitz, HSU	17	7-12	<i>Algebra in Full Color &amp; High Resolution with the TI84C</i> The TI-83/84s have been making math meaningful for our students since 1996 because they are well made & easy to use. 2013 brings the TI-84plusC with a full color & high resolution . Import your own photographs right into the graph screen, then use concepts from algebra to analyze the world more easily than ever! <ul style="list-style-type: none"> <li>• TI-84plusC loaners will be available.</li> </ul>
Brad Fulton, <i>tttpress</i>	13	9-12	<i>Functions–Part 2</i> High school students need a complete understanding of functions. Part 2 of this workshop takes a deeper look at functions. Two additional activities will address slope, y-intercept, rise/run, slope-intercept form, independent and dependent variables, line of best fit, domain, and range in engaging and empowering models.
Lori Breyer, HCOE	lab	K-12	<i>Explore your online CCSS resources</i> There are almost more resources than teachers have time to look at. Come and explore some of the most user-friendly sites for lessons and assessment. <ul style="list-style-type: none"> <li>• Repeat of Breakout B</li> </ul>
Colby Smart, HCOE	2	K12	<i>iPhone apps for teachers &amp; students</i> Did you know you can tap into teaching resources on your iPhone or iPad? Come and try some favorites and bring them to class on Monday.

Conference Committee Folks

<b>Conference Chair</b>	Beth Baker & Mary Ann Sheridan
<b>Speakers</b>	Beth Baker and Brad Fulton
<b>Program</b>	Beth Baker
<b>HSU Credit</b>	Dale Oliver
<b>Registration</b>	Lynn Teasley
<b>Facilities</b>	Mary Ann Sheridan
<b>Publicity</b>	Syn-dee Noel
<b>Food Services</b>	Syn-dee Noel
<b>Finances</b>	Lynn Teasley
<b>Prizes</b>	Kay Wozniak
<b>Material Swap Table</b>	Amy Hubbard
<b>Packets</b>	Lisa Klar
<b>Signs</b>	MMS Students
<b>Evaluations</b>	<b>TBA</b>

**CMCN<sup>∞</sup> Officers**

<b>President</b>	Mary Ann Sheridan
<b>President Elect</b>	Beth Baker
<b>Treasurer</b>	Lynn Teasley
<b>Secretary</b>	Lisa Klar
<b>NCTM Representative</b>	Mary Ann Sheridan

**Thanks to Bill Funkhouser for creating & maintaining our new website  
<http://www.cmcfm.com>**

# McKinleyville Middle School Map

