

Math Grant Information*

- * Teachers will receive a stipend of \$100 for completing the Survey of Enacted Curriculum and \$100 for participating in the orientation session.
- * Each institute consists of four days of standards based, hands-on learning and reflection. Teaching materials, handouts, lunch, and accommodations are provided at no cost to districts. Daily stipend of \$100.
- * Three days of ongoing professional development are scheduled — Fall, Winter and Spring. Districts will be reimbursed for substitutes.
- * Onsite coaching and support as you apply what you learned to your work with students in the classroom.
- * Resources and funds provided for a Family Math Event in your district.
- * A chance to network with other dedicated math teachers in CESA 5.
- * Wisconsin Math Council Membership and Green Lake Math Conference

Contact Kari Augustine for an application or more information.

*MSP Math Grant Participating Districts:

Auburndale, Cambria-Friesland, Fall River, Lodi, Montello, Necedah, New Lisbon, Pardeeville, Pittsville, Port Edwards, Portage, Princeton, Randolph, Rio, Rosholt, and Tri-County.

Last year's participants had this to say about improving student learning...

"thinking about how I present info as well as questioning and assessment was key"

"I learned to foster student learning through hands-on activities and critical thinking skills."

I now have "great ideas and reasons to use them."

Focus on Learning!

Kari Augustine, Curriculum Specialist, CESA 5
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Register Today!

July 28–31, 2008 & August 4-7, 2008



Middle School

Math Institute

Workshop 607: Measurement

Lodi High School July 28-31

Workshop 608: Geometry

Pittsville SD August 4-7

Workshop 695: Orientation

Wednesday, June 11

CESA 5 in Portage

Register on the CESA Portal at <http://www.mycesa.k12.wi.us/> or contact Tamara Kreklow for registration (608) 742-8814 X283.

▶ Math Fun in the Summer Time!

With problem-solving at the center, teacher participants will use rich tasks to examine key understandings and benchmarks in *Measurement and Geometry*.



NCTM Process Standards:

- * Reasoning and Proof
- * Communication
- * Representation
- * Connections

TECHNOLOGY INTEGRATION

▶ July 28-31 ~ Students will build a wikispace during the first week of the institute in Lodi to organize online resources and exchange ideas.

CESA 5 Math Grant wiki:
<http://cesa5mathscience.wikispaces.com/>

▶ August 4-7 ~ Students will work with the GeoGebra, a free program that allows the dynamic exploration of geometry ideas.

GeoGebra wiki:
http://www.geogebra.org/en/wiki/index.php/Main_Page

No prior technology experience is necessary!

Learner Outcomes

Participants will:

- * Experience math in collaboration with others.
- * Communicate their thoughts and build on one another's ideas and experiences.
- * Identify student misconceptions through formative assessment and intervene to provide different instruction to promote understanding.
- * Use tools (manipulatives, computers, and calculators) to examine and represent ideas and to extend thinking.
- * Understand the important ideas and the interrelatedness of those ideas from geometry, patterns and functions, logic, number, measurement, probability, and data collection and analysis, the domains that form the core of mathematics.
- * Work with their own curriculum, and state and national standards to identify the big ideas in measurement and geometry and ways to organize instruction to improve student learning.
- * Have fun doing math!

Who Should Attend?

The grant was written to focus on **classroom, mathematics and special education teachers** who teach students in **grades 5-8**. **Math coaches** and **Title 1 teachers** responsible for mathematics instruction and intervention are also invited!

Your Instructors

Jodean Grunow has taught all grade levels during her career, many in middle school mathematics in Dodgeville where she chaired the MS mathematics program. She has also been a Mathematics Consultant for DPI where she worked on the project, "Mathematics for the New Millennium."



Jodean Grunow, PhD
UW-Platteville



Tim Deis, PhD
UW-Platteville

Tim Deis is an associate professor of mathematics at UW-Platteville. He returns for a second summer with our math grant.

In 2002 he received the Tau Beta Pi award for Excellence in Teaching.

Kari Augustine is a former elementary teacher, CESA 5 curriculum specialist, and longtime math lover. She enjoys working with teachers and students of all ages.

UW-Platteville Credit Option

Teachers may register for UW-P credits for either or both of the summer institutes. Credits include an action plan component designed to help you apply what you have learned in your classroom and offer you the support of an instructor and math grant colleagues throughout both Fall and Spring semesters. All math grant participants will meet three times during the year.

- * Teaching 6530, Section MSM5: Measurement (2 cr.)
- * Teaching 6530, Section MSM6: Geometry (2 cr.)
- * Topics: Fall (1cr.) and Spring (1 cr.) required for either.

Courses may be taken together for 4 or 6 credits at \$100 per credit. Tuition fees are due upon registration.