

Benefits of Grant Participation

- * Teachers will receive a stipend of \$500 for each week.
- * Teaching materials, handouts, travel reimbursement, lunch, and accommodations are provided.
- * Ongoing professional development is planned. Networking sessions will be scheduled in the Fall and Spring
- * Onsite coaching and support is available as you apply what you learned to your work with students in the classroom.
- * Resources and funds are provided for a Family Math Event in your district.
- * A chance to network with other dedicated teachers in CESA 5.
- * Wisconsin Math Council Membership and Green Lake Math Conference (May 2012) or WI Society of Science Teachers Conference
- * 5 Graduate credits from UW-Platteville

MSP Math Grant

Participating Districts:

Adams-Friendship, Almond-Bancroft, Auburndale, Baraboo, Cambria-Friesland, Fall River, Lodi, Montello, Necedah, Nekoosa, New Lisbon, Pardeeville, Pittsville, Port Edwards, Poynette, Princeton, Randolph, Reedsburg, Rio, Rosholt, Sauk Prairie, Tri-County, Wautoma, Westfield, Wild Rose, Wisconsin Dells and Wisconsin Rapids. **Those who are not grant participants can attend for a fee of \$500/week. However, they are not eligible to receive stipends for attending.

Former MSP Grant participants had this to say about the opportunities:

"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!

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Kathryn Richardson, CESA 5
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**June 18-22, 2012 &
June 25-29, 2012**



STEM Connects

Summer Institutes

**Week 1: Lodi District Office
June 18-22**

**Week 2: Alexander Middle
School, Nekoosa: June 25-29**

Register at www.myquickreg.com or
contact
Doug Shanks for registration questions
shanksd@cesa5.org

► STEM Fun in the Summer Time!

The 2011-2012 *STEM Connects: Enhancing Teacher Quality and Student Proficiency* grant will focus on probability, statistics, number and operations and algebraic thinking. Field experience will be focusing on architecture and construction with an emphasis on engineering. The major science focus will be on science inquiry and science frameworks with a focus on engineering practices for K-12.



Expectations:

Attend 8:30-4:30 daily

Create a lesson plan to pilot in your classroom one/week

Reflection on the lesson plan

UW-Platteville Credit Option

Teachers may register for five UW-Platteville credits if they are involved in both summer institutes and subsequent networking sessions. Credits include an action plan component designed to help you apply what you have learned in your classroom. Cost of credit is \$100/credit. Tuition fees due upon course enrollment.

Learner Outcomes

Participants will:

- * Experience learning 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 hands on activities and technology to examine and represent ideas and to extend thinking.
- * Work with their own curriculum and Common Core Standards to organize instruction to improve student learning.
- * Have fun doing STEM activities!

Who Should Attend?

The grant was written to focus on **classroom teachers who use mathematics or science in their content and special education/Title I teachers** who teach students in **grades 3-10**.

Your Instructors

Jodean Grunow Ph.D

earned her doctorate at the University of Wisconsin-Madison and is presently a Senior Lecturer at the University of Wisconsin-Platteville. She has taught all grade levels and served as Mathematics Consultant for the State of Wisconsin. She is involved in the development and implementation of mathematics standards in Wisconsin.



Tim Deis Ph.D is an associate professor of mathematics at UW-Platteville. He was a lead instructor on the previous MSP Grant. In 2002 he received the Tau Beta Pi award for Excellence in Teaching.

Lisa A. Riedle Ph.D is the Associate Dean for the College of Engineering, Mathematics and Science at UW Platteville. She has been working with Jodean and Tim on previous grants for mathematics educators. Her goal is for teachers to be comfortable with mathematics so that their confidence and enthusiasm in the classroom will spread to the children and keep them interested in math and science careers.

Leigh Monhardt Ph.D earned his doctorate in Science Education from the University of Iowa. As an Associate Professor at University of Wisconsin-Platteville in the School of Education, he teaches science methods and middle level licensure program classes. He has conducted many middle level science teacher in-service programs throughout the United States.

