GRREC
GREEN RIVER REGIONAL EDUCATIONAL COOPERATIVE

Leadership for High Quality Teaching and Learning

Thinking Strategies in Mathematics - Grades 3-6

December 2 and 3, 2014 and June 8, 2015

Each participant will select an on-site lab lesson to attend in February or March 2015

How can we teach math for understanding? What are ways to cultivate students' confidence and competence as mathematicians? Join PEBC consultants, Wendy Ward Hoffer and Sathya Wandzek as they facilitate an engaging and informative Thinking Strategies Institute to answer these and other essential questions focused on math in grades 3-6.

During this institute, participants will:

- Gain foundational knowledge for strategies to raise student comprehension in math
- Focus on three key facets of instruction: thinking strategies, workshop model and classroom discourse
- Engage in high cognitive demand mathematics learning tasks
- Plan next steps for adjusting instruction to catalyze student achievement.

PGES Connection - Domain 3: Instruction

- Component 3b: Questioning and Discussion Techniques
- Component 3c: Engaging Students in Learning

Wendy Ward Hoffer, Senior Director of PEBC, is the author of *Minds on Mathematics* (Heinemann, 2012) and *Science as Thinking* (Heinemann, 2009). Wendy works with teachers, schools and districts locally and nationally to promote rich thinking in all content areas, especially math and science. Wendy received an MA in Science Education from Stanford University and earned National Board Certification while teaching middle school math and science.

Sathya Wandzek joined PEBC in 2004 as a Boettcher Teacher Resident and has opened her middle school math classroom to other members in her district as a classroom lab host. In 2013 she joined Public Education & Business Coalition as a staff developer and is a co-presenter for the Math Institute and a co-creator to the Foundations of Numeracy Institute. She holds a Masters Degree in Urban Education from Denver University and a Bachelors degree in Mathematics from Colorado University Boulder.

For:	Mathematics Teachers, Special Education Mathematics Teachers/Co-teachers, Curriculum Coordinators, Instructional Coaches	
Dates:	**December 2 and 3, 2014 and June 8, 2015; Participants will select an on-site lab lesson to attend one day in February or March**	
Location:	GRREC Training Center – 230 Technology Way - Bowling Green	
Time:	8:30 a.m. -3:30 p.m. (Central)	Registration and Continental Breakfast will begin at 8:00 a.m. Lunch is on your own
Cost:	**$300 for GRREC Districts**	**$500 for non-GRREC districts**
Materials:	Teaching Numeracy, 9 Critical Habits to Ignite Mathematical Thinking	

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Registration Form

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GRREC Training Center • 230 Technology Way • Bowling Green, KY 42101

Please Print:

Name: _____ Position: _____

School: _____ District:_____

Cell Phone #: _____

Email:_____

P.O. #_____ (required for registration)

Note: School districts (or schools) will be billed following the activity based upon registration. Cancellations must be made within five (5) working days of the activity to avoid being billed for fee. Substitutions will be allowed.

Registration Deadline: December 1, 2014

Click Here to Register Online or

fax this completed form to Kim Estes at (270) 563-2208

Sponsored by
Green River Regional Education Cooperative
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Phone: (270) 563-2113 **FAX: (270) 563-2208** Toll Free 1-866-318-6648
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Questions?
Contact Kim Estes at (270) 563-2113 or e-mail kim.estes@grrec.ky.gov