

Creating Powerful and Engaging Math Tasks Grades 4-8

How do teachers plan tasks that maximize learning and balance math fluency with deep, conceptual understanding? Where is the rigor in a powerful math task?

Join John Antonetti for two days of designing and developing powerful, engaging math tasks for students in grades 4-8. While many teachers believe designing engagement in mathematics curricula may be more challenging than in other disciplines, John will help us simplify the design process and use humorous anecdotes to illuminate the construction of optimal learning activities.

Participants will:

- Discover how **engaging qualities, cognitive demand, level of thinking and student engagement** interact to build powerful tasks that serve as the “bookends” of mathematical units.
- Make connections between tasks and the **Standards for Mathematical Practice**
- **Analyze student work** to look for the components of engaging tasks.
- Create and share powerful learning tasks to be used back at home in the classroom.

PGES Connection - Domain 3: Instruction Component 3c: Engaging Students in Learning

“If one component of the framework for teaching can claim to be the most important, it is student engagement.”

Charlotte Danielson, *Enhancing Professional Practice: A Framework for Teaching*, 2007

Presenter John Antonetti, Colleagues on Call



John Antonetti is former Director of K-12 Curriculum in the Sheridan School District in Arkansas. Once described by Larry Lezotte as a “teacher’s teacher,” John is an advocate of experiential education and recognizes that all learners learn best when they work together to solve real world problems in safe, cooperative environments. He provides schools and districts with on-site instructional analysis and follow-up support through workshops, coaching and classroom demonstration models. While hands-on work in schools is his passion, John is also a highly-sought keynote speaker. His humor and parables are recognized by teachers, administrators, and parents as relevant examples of the power of teachers. John is author of the book, Writing as a Measure and Model of Thinking.

For:	Classroom Teachers, Special Education Teachers, Curriculum Coordinators, Instructional Coaches, Directors of Special Education, and School Administrators
Dates:	Thursday, September 4, 2014 and Thursday, October 23, 2014
Location:	Green River Regional Educational Cooperative – 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:	\$200 GRREC districts; \$250 Non-GRREC Districts Space is limited to 50 registrants.

Registration Form

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Grades 4-8**

Workshop #025-15

Thursday, September 4 and Thursday, October 23, 2014

Green River Regional Educational Cooperative
230 Technology Way
Bowling Green, KY 42101

Please Print:

Name: _____ District: _____

School: _____ Position: _____

Phone #: _____ Email: _____

P.O. # _____ (required for registration)

Note: School districts (or schools) will be billed following the activity based upon registration.

Registration Deadline: September 2, 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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www.grrec.ky.gov

Questions?

Contact Kim Estes at (270) 563-2113 or e-mail kim.estes@grrec.ky.gov