

Mathematics Instructional Coaching

July 20, 21, 22, September 16, 17 and October 22, 2015

GRREC is pleased to offer a six-day professional learning institute designed to help educators develop the knowledge and skills to coach K-12 teachers specifically around mathematics. Research in Mathematics Coaching has been linked to improvements in teacher instructional practices such as questioning, student engagement, and teaching for understanding. This institute will focus on both Cognitive and Instructional Coaching. Four days of the institute will involve the planning and reflecting conversation maps of Cognitive CoachingSM along with coaching skills such as mediative questioning and paraphrasing. One day of the institute will be focused on instructional coaching specific to mathematics and centered on the CCSS Standards for Mathematical Practices. The final day will be devoted to the Calibrating Conversation from Cognitive CoachingSM which can support teachers in self-evaluating their progress in Kentucky's Framework for Teaching (PGES).

As a result of engaging in this institute, participants will:

- Demonstrate mediation skills & coaching capabilities
- Learn how to structure professional planning & reflecting coaching conversations
- Develop awareness of shifts in classroom practice that support teachers in helping students demonstrate the Standards for Mathematical Practice
- Have an increased consciousness in promoting professional growth as part of the Professional Growth and Effectiveness System (PGES)

PGES Connections

Domain 1: Planning & Preparation

➤ *Component 1c: Selecting Instructional Outcomes*

➤ *Component 1e: Designing Coherent Instruction*

Domain 2: Classroom Environment

➤ *Component 2a: Creating an Environment of Respect & Rapport*

Domain 3: Instruction

➤ *Component 3b: Using Questioning and Discussion Techniques*

Domain 4: Professional Responsibilities

➤ *Component 4a: Reflecting on Teaching*

➤ *Component 4e: Growing and Developing Professionally*



*Dr. Maggie B. McGatha is an associate professor of mathematics education at the University of Louisville. She is a former middle school mathematics teacher. Dr. McGatha is a co-author of *Mathematics Coaching: Resources and Tools for Coaches and Leaders, K-12* (Pearson, 2014) and *Mathematics Activities to Build Financial Literacy, Grades 6-8* (NCTM, in press). She has served as the president of the Kentucky Council of Teachers of Mathematics and on the Board of Directors of the Association of Mathematics Teacher Educators. Dr. McGatha enjoys working with coaches, teacher leaders, and administrators as a Training Associate for Cognitive CoachingSM and an Agency Trainer for Adaptive Schools.*

Audience:	Instructional Supervisors, Administrators, Curriculum Coordinators, Instructional Coaches, Teacher Leaders
Dates:	July 20, 21, 22, September 16, 17 and October 22, 2015
Location:	GRREC Training Center – 230 Technology Way - Bowling Green, KY 42101
Time:	8:30 a.m. -3:30 p.m. (Central Time) Registration and Continental Breakfast will begin at 8:00 a.m. Lunch is on your own.
Cost:	\$500 GRREC districts \$750 Non-GRREC districts
	Space is limited to 40 participants Deadline to register: Monday, July 13, 2015

Registration Form

Mathematics Instructional Coaching

Workshop #011-16

July 20, 21, 22, September 16, 17 and October 22, 2015

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

Please Print:

Name: _____ Position: _____

School: _____ District: _____

Email: _____ Cell Phone #: _____

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: Monday, July 13, 2015

**[Click Here to Register Online](#) or
Fax the registration form to GRREC at (270) 563-2208.**

Sponsored by
Green River Regional Education Cooperative
230 Technology Way, Bowling Green, KY 42101
Phone: (270) 563-2113 **FAX: (270) 563-2208** Toll Free 1-866-318-6648
www.grrec.ky.gov

Questions?

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