

Mathematics Instructional Coaching

March 8, 9, July 11, 12, 13 and September 27, 2016

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 with a focus on 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 this institute will be laying the Cognitive CoachingSM foundation - developing skills to conduct planning and reflecting coaching conversations. Day five will focus on instructional coaching centered-around the Common Core Standards for Mathematical Practice. On day six, participants will learn the five forms of feedback, and develop coaching skills using the Calibrating Conversation Map which supports teachers in self-assessing their progress toward meeting professional growth goals (TPGES). **As part of this**

institute, participants will receive two on-site follow-up coaching visits by GRREC project staff.

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

- Learn how to structure professional planning & reflecting coaching conversations
- Demonstrate mediation skills & coaching capabilities including paraphrasing and questioning
- Develop awareness of shifts in classroom practice that support teachers in helping students demonstrate the Standards for Mathematical Practice
- Increase their capacity to support teachers in meeting their professional growth goals connected to Kentucky's Framework for Teaching (TPGES)

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:	March 8, 9, July 11, 12, 13, and September 27, 2016
Location:	GRREC Training Center – 230 Technology Way - Bowling Green, KY 42101
Time:	8:30 a.m. -3:30 p.m. (Central Time) Registration and breakfast begin at 8:00 a.m. Lunch will be provided.
Materials:	Cognitive Coaching Resource book, Learning Guide, and Mathematics Coaching Resource book
Cost:	\$750 GRREC districts \$1,100 Non-GRREC districts
	Space is limited to 40 participants Deadline to register: Monday, February 29, 2016

Registration Form

Mathematics Instructional Coaching

Workshop #079-16

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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, February 29, 2016

**[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
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Questions?

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