

The Conceptual Building Blocks Academy 2017-2018 Middle School Mathematics

GRREC Office & Training Facility • 230 Technology Way • Bowling Green

- **October 17 & 18, 2017**
 - **November 28 & 29, 2017**
 - **January 23 & 24, 2018**
 - **October 24, 2017**
- Proportional Reasoning: From Ratios to Slope**
Fostering Algebraic Thinking
A Progression of Geometric Thinking
Coaches' Cadre Foundations Meeting

What does it take to shift from “teaching math” to “teaching for mathematical understanding?” Over the past seven years, the Kentucky Academic Standards have challenged educators to examine our beliefs and understandings of what conceptual math looks like and sounds like in our classrooms. Because most of us did not experience conceptual learning as a student in middle school, we need opportunities to explore math in a new light.

The Conceptual Building Blocks Academy offers an opportunity for teachers to build new understandings by making connections between the language in the standards and the rich experiences that develop a deep understanding.

The CBB Academy includes three modules: A Progression of Proportional Reasoning (2 days), Fostering Algebraic Thinking (2 days), and a Progression of Geometric Thinking (2 days). In order to meet the diverse needs of our districts and schools, we are offering three ways (see page 2 for Options) to join the Academy.

Learning Targets:

- Have a better understanding of how to build an effective mathematical culture of learning.
- Experience and learn strategies that will deepen content knowledge and pedagogy.

Audience:	General Educators, Special Educators, Interventionists, Leaders
Presenters:	Dr. Jennifer Clemmons and Randi Womack
Location:	GRREC Office & Training Facility • 230 Technology Way • Bowling Green, KY
Time:	8:30 a.m. – 3:30 p.m. Central Time - Registration will begin at 8:00
Cost:	See Page 2 for Prices for Each Option (Includes lunch and 3 resource books)
EILA Credit:	36 hours

*****Limited to 40 Participants*****

For information or questions, contact Jennifer Clemmons at (270) 590-1866 or jennifer.clemmons@grrec.org

Registration Form

The Conceptual Building Blocks Academy

2017-2018 Middle School Math

GRREC Office & Training Facility • 230 Technology Way • Bowling Green

October 17 & 18, 2017 November 28 & 29, 2017 January 23 & 24, 2018

Coaches' Cadre Foundations Meeting: October 24, 2017

OPTION 1: SCHOOL TEAM ACADEMY- \$150 per person for all 6 days, plus 1 day of Coaches' Cadre

If you want to build capacity and sustainability for CBB teaching and learning in your school, the school team option might be for you! The ideal team is formed by a *minimum* of one coach, one general education teacher, and one special education teacher. (Additional team members are recommended, if possible.) The price per person includes all 6 days of training for each participant as well as 1 day of additional training/support for the coach. The GRREC math team will support sustainability with on-site coaching visits for each member of your team for no additional cost.

[CLICK HERE TO REGISTER FOR CBB ACADEMY](#)

OPTION 2: INDIVIDUAL ACADEMY MEMBER - \$150 per person for all 6 days

If you want to build your mathematical expertise for grades 6-8, the 6-day Academy is the option you want! The best way to deeply understand the content in your own grade level is to also understand what happens before and after the learning in your classroom. Math concepts are most meaningful when the understandings are connected within and between the grade levels instead of taught in isolation. The 6-day deep dive into middle school conceptual math can support you in seeing the big picture and your part in it.

[CLICK HERE TO REGISTER FOR CBB ACADEMY](#)

OPTION 3: MEANINGFUL MATHEMATICS MODULES - \$75 per person per 2-day module

If you are interested in deepening your understandings within one of our three math concepts, you might be interested in attending a Meaningful Mathematics module within the Academy. Each 2-day module includes experiences that explore standards, use of tools and manipulatives, and rich tasks.

The Meaningful Mathematics Modules will occur on the same dates (above) as the CBB Academy:

Meaningful Mathematics A Progression of Proportional Reasoning: [CLICK HERE TO REGISTER](#)

Meaningful Mathematics Fostering Algebraic Thinking: [CLICK HERE TO REGISTER](#)

Meaningful Mathematics A Progression of Geometric Thinking: [CLICK HERE TO REGISTER](#)

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 require advanced approval.

Registration Deadline: October 1, 2017

Sponsored by Green River Regional Education Cooperative
230 Technology Way • Bowling Green, KY • 42101
Phone: (270) 563-2113 FAX: (270) 563-2208