



MaRtl Middle - 6th

Mathematics Response-to-Intervention for Middle School - 6th Grade

This year-long experience will allow middle school educators to gain a greater understanding of how 6th grade students learn mathematics, evidence-based intervention strategies for use with students who are struggling, and resources and professional knowledge for identifying and analyzing student misconceptions.

Participants Will:

- Identify Big Ideas embedded in the 6th grade Kentucky Core Academic Standards for Mathematics and Standards for Mathematical Practice
- Use instructional strategies to improve critical thinking, problem solving, and classroom discourse
- Explore evidence-based intervention strategies that can be used to help struggling students
- Analyze student responses and interpret evidence of student understanding and skills
- Make evidence-based instructional decisions for advancing students' abilities to fluently and flexibly deal with rational numbers

Participants should be Kentucky 6th grade educators and are expected to attend all 8 days of the PD. Teachers who work with 5th or 7th grade students are welcome, but the content focus will be on 6th grade. It is a requirement that the teacher's principal attend days 4 & 7 of the PD for which KCM will request EILA credit. Coaches and instructional supervisors are eligible to attend only if they do so along with a classroom teacher. Coaches/instructional supervisors are expected to attend all 8 days of the PD.

FREE Registration Includes:

- A total of 8 full-day sessions
 - 3 days—summer institute in Lexington KY—June 23, 24 & 25, 2014—led by Anne Burgunder. See Anne's bio.
 - 5 days—regional PD sessions led by a KCM Regional Coordinator—beginning fall of 2014. The exact dates and regional locations TBD.
- A wide variety of free materials for use in strategically and explicitly helping struggling 6th grade students to master the content of the Kentucky Core Academic Standards for Mathematics

Training involves 8 full-day sessions, beginning with a 3 day summer institute in June 2014.

Registration Cost: There is no registration fee for this course. All materials will be provided free of charge.

Location: Griffin Gate Marriott Resort & Spa (1800 Newtown Pike, Lexington, KY 40511)

Participants: Middle school mathematics teachers, special educators and intervention teachers who want to learn more about 6th grade content and Rtl strategies. Principals are expected to attend 2 days of the PD. Coaches and instructional supervisors may attend along with a participating teacher. This is not a train-the-trainer PD.

To register for this course, please fill out the MaRTI Middle Participation Agreement form (click on form name for form) and return to KCM by email (kcm@nku.edu) or fax (859-572-7677), Attention: Mandy McDonough.