

MaRTI Plus...is a Plus!

One year after the launch of the Mathematics Response to Intervention (MaRTI) Plus Network, it has become clear that something truly special is happening! Teachers involved in this program are feeling more confident than ever to implement the Kentucky Core Academic Standards with a focus on meeting individual student need through carefully designed differentiated instruction.



Teacher participants from the Jessamine County cohort are all smiles during a training date in 2013.

Created by KCM Regional Coordinators and staff with federal grant funds distributed by the Kentucky Department of Education, MaRTI Plus involves 20 days of professional learning experiences (PLEs) for 65 certified elementary teachers from 24 school districts across the state, benefitting over 1,300 intermediate grades (3, 4, and 5) students. These MaRTI Plus participating teachers, with the support of school administrators who accompany them to some of the PLEs, work to assure that their students have the best possible opportunity to master the Kentucky Core Academic Standards as they develop foundational conceptual-based fluency. In addition, MaRTI Plus builds capacity

as participating teachers share tools and strategies with colleagues at their schools, creating a ripple effect to extend program impact.

One MaRTI Plus participant wrote, "About the time the new Common Core Standards rolled out, I started changing my views and approach to teaching mathematics. I began to realize that students needed to know more than how to do a problem (procedure), but they needed to know why they were doing what they were doing. MaRTI has given me the missing pieces that I needed.... I am no longer the teacher that I used to be."



Participants work on preparing materials to improve students' understanding of quantity in the London cohort.

Another participant wrote, "The changes I have seen in my students have been more confidence and patience in attempting to solve problems that once before they would have left blank. It has sparked creative thinking on how to approach problem solving." Others echoed these same sentiments as 98% of participants agreed that MaRTI Plus has helped them guide students to build a solid conceptual foundation in math, 96% of participants agreed that MaRTI Plus has helped them have greater knowledge of the Kentucky Core Academic Standards, and 100% of participants agreed that they can now better analyze student progress and need.

July 2014 marks the beginning of Year 2 of the MaRTI Plus program and another opportunity to support Kentucky teachers in the continual improvement of mathematics achievement across the state.

100% of participants agreed that after attending MaRTI Plus, they can now better analyze student progress and need.

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-MaRTI Plus Participant

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