

MAF Intervention Teachers Shine Across the State

Exciting Numbers!

**Lakewood Elementary
Hardin County
MIT: Linda Patten**
Kindergarten

Intervention students made gains on average of 25.8 RIT points from fall to spring in 2013-14, where only 15.4 points were expected.

**Carlisle County
Elementary
Carlisle County
MITs: Lynn Hambrick
& Valeria Bodell**

The school's percentage of students scoring proficient and distinguished on the state mathematics test between 2012 and 2014 has increased 16.6 points. And, the students these MITs serve directly ended the 2012-13 school year over 33 percentile points higher, on average, than at the beginning of the year according to MAP data.

**Jenkins Independent
School
Letcher County
MIT: Tami Estep**
Mathematics intervention students, on average, made 47% higher than expected gains during 2013-14. In addition, the school recently showed an outstanding increase in the percentage of students scoring proficient or distinguished on the Kentucky state test - nearly doubling from 23.7% in 2012-13 to 44% in 2013-14.



MITs are recognized in Owensboro on Oct. 28 for their efforts to improve mathematics education.

The Kentucky Center for Mathematics has had both an exciting and pride-filled last few months. MAF (Mathematics Achievement Fund) MITs (Mathematics Intervention Teachers) are being recognized across the state for their outstanding leadership, and commitment to improving mathematics achievement. Throughout the fall, MITs have been recognized by Northern Kentucky University for their hard work and passion-filled efforts toward improving mathematics education across the Commonwealth.

NKU President Geoffrey S. Mearns describes these MITs as "trailblazers" stating, "[this] is recognition of those citizens throughout the state who are changing lives through new and innovative education programs. With improved math skills...Kentucky's children will be better prepared to meet the demands of this century."

A Few of Their Stories



Calvin Music
Porter Elementary
Johnson County

After serving 12 years as a police officer, Calvin traded in his badge to join what he calls the "SWAT Team" of math intervention. Now in his 8th year as an MIT, Calvin has provided individualized instruction, helping over 270 students become more successful and confident in mathematics. According to Porter Elementary Principal Sandra Music, Calvin's leadership work with 20 colleagues has contributed to the school's overall success. Despite the challenges of serving a student population where more than 75% are economically disadvantaged, Porter Elementary is a Kentucky School of Distinction, a Kentucky High Progress School and a National Blue Ribbon School.



Beth Wood
Murray Elementary
Calloway County

Having taught for 7 years, Beth became an MIT in 2011 and as a result, discovered a renewed excitement for teaching after receiving KCM training and support. Beth says, "I had one little boy tell me that coming to my class was the best part of his day...he said, 'I can do stuff in here all by myself and I feel smart.'" According to the 2013-14 Kentucky state test scores, third graders at her school scored first in the state. And, Murray Elementary gained 15.4 points in the percentage of their students reaching proficient or distinguished during the 2013-14 school year. Murray Elementary Principal Denise Whitaker says, "Beth is a valuable asset. Students' skills and confidence have reached high levels due to Beth's work and efforts. Her dedication is fostering excellence in our math achievements!"



Belle Rush
Chandler's Elementary
Logan County

Belle, who is in her 33rd year as a teacher and her 9th year as an MIT, holds an astonishing resume of providing "math club" for over 250 intervention students, and helping over 30 teachers to gain new knowledge and resources for improving students' early mathematics learning experiences. Chandler's Elementary Principal Caycee Spears describes Belle's leadership capabilities as outstanding, stating: "She ensures [teachers] are providing the best possible math education to the students." As Belle and her colleagues have worked hard to use new research-based math strategies, the school has moved from the state accountability ranking of "Needs Improvement" to "Proficient." Belle describes her participation in the KCM's statewide professional learning community as a "privilege."