



KENTUCKY CENTER FOR MATHEMATICS

Facilitating Teacher Growth for Student Success

- ? How can we give each of Kentucky's citizens the opportunity to be successful in school, in college, and in the workplace?
- ? How can we promote individual wealth, thriving communities, and economic prosperity in the Commonwealth?
- ? How can we ensure that Kentucky's citizens are informed consumers and responsible voters?

ANSWER: By promoting numeracy development and mathematical proficiency for all!

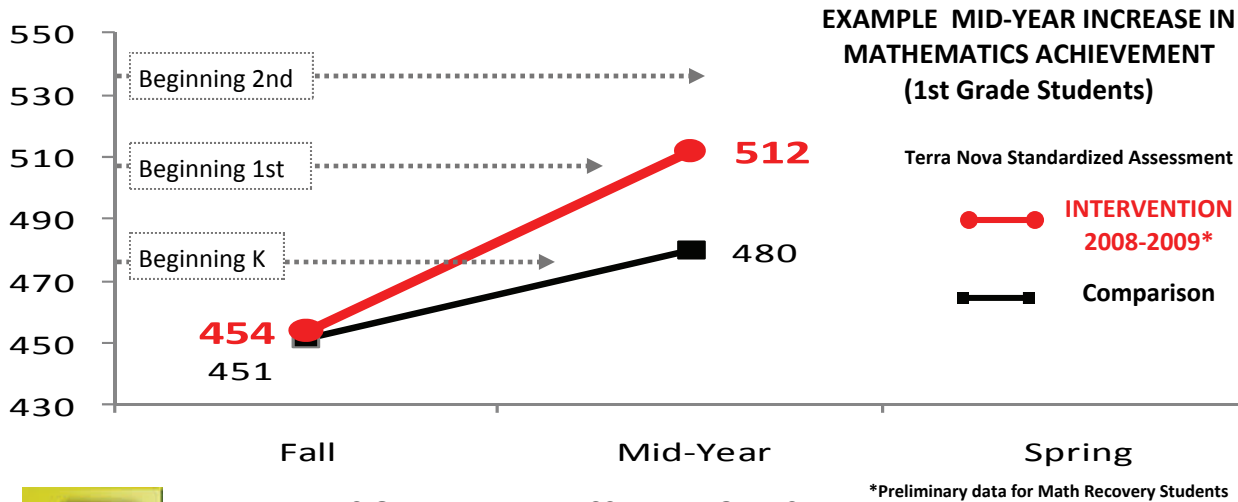
The *Kentucky Center for Mathematics'* services include training and supporting mathematics intervention teachers, coaches, and adult educators—leaders who are helping students and other teachers. The *Kentucky Center for Mathematics* promotes mathematical proficiency in Kentucky and nationwide through presentations and collaborations as well as through its growing and increasingly popular collection of online resources for families, students, and teachers.



The *Kentucky Center for Mathematics* is currently training and supporting teachers in **101 counties** across the Commonwealth. *There are many more teachers and students who would benefit tremendously should additional partnership opportunities become available through the Teachers' Professional Growth Fund and the Mathematics Achievement Fund.*

The *Kentucky Center for Mathematics* has documented progress in improving the teaching and learning of mathematics.

INTERVENTION: Results of a standardized mathematics test given to over **1,900 students** in kindergarten through third grade, taught by teachers in a *Kentucky Center for Mathematics* program, showed that these students gained an average of **+1.4 grade levels** in one year or less. Schools in a *Kentucky Center for Mathematics*' program are making greater progress towards meeting the goals of the No Child Left Behind Act than they did before joining the program and are making greater progress than other schools.



Intervention

Coaching

EXAMPLES OF MATHEMATICS INDEX GAINS IN SCHOOLS WITH KCM COACHES

LaGrange Elem. (Oldham Co.)	+5.0 (93.6 to 98.6)
Overdale Elem. (Bullitt Co.)	+16.6 (75.0 to 91.6)
Toliver Elem. (Boyle Co.)	+26.8 (84.9 to 111.7)
E. Jessamine Middle (Jessamine Co.)	+7.7 (74.5 to 82.2)
Clay County High (Clay Co.)	+8.3 (53.8 to 62.1)

QUOTE FROM A COACH

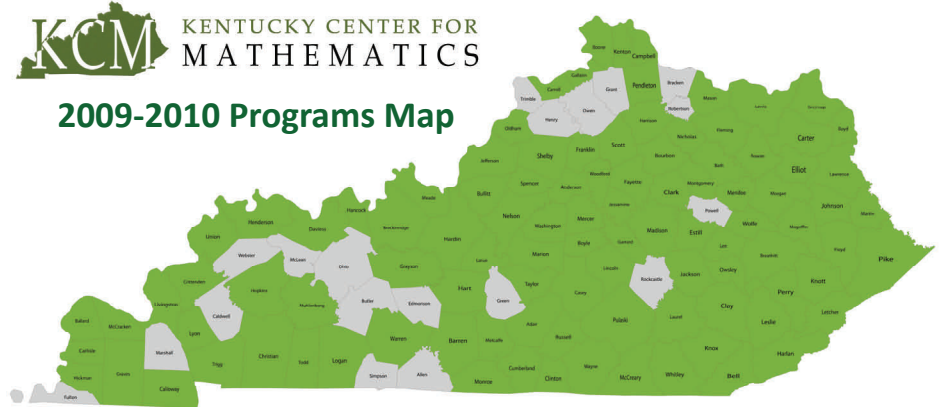
“ Teachers are challenging themselves to set new goals and are excited about not only the improvements in test scores, but the changes within themselves ”

-Jennifer McDaniel
Clay County High School

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KCM KENTUCKY CENTER FOR MATHEMATICS
2009-2010 Programs Map



Training and supporting educators in 101 Kentucky counties