

The Kentucky Council of Teachers of Mathematics (KCTM) oversees the activities of the largest professional organization of mathematics in the state that includes hundreds of teachers, professors, math curriculum specialists, and administrators from Kentucky's school districts, colleges, and universities.

*Resolution in Support of the Kentucky Center for Mathematics*

The KCTM is proud to serve as a partner with the Kentucky Center for Mathematics (KCM) in mathematics education for the students of the Commonwealth. Since 2006, KCM has provided professional learning, continuing at-school coaching visits and educational resources that provide ongoing support for teachers, students, families and administrators.

Through this work, the KCM has impacted hundreds of schools throughout Kentucky so that:

- Teachers collectively create and sustain a schoolwide culture that engages students and helps them make sense of mathematics;
- Teachers master the fundamental practices needed to assure that mathematics is a means for developing the problem solving-skills required for college and career readiness;
- Teachers in earlier grade bands connect with the content and teachers from later grade bands to assure that their students develop the skills for future success; and
- Teachers in later grades connect with the content and teachers in earlier grade bands to assure they build on and reinforce existing fundamental skills.

In addition, the Kentucky Center for Mathematics has served as a strong professional learning provider and partner of the Kentucky Department of Education. Through a large annual mathematics conference, the KCM has provided affordable professional learning supports, opportunities to build collegial relationships, and opportunities for leadership benefitting Kentucky mathematics educators of all grades and their students across the Commonwealth.

The significance of KCM's work can be seen in the attached summary of KCM's impact on student mathematics achievement. We strongly believe that many children in Kentucky would be very adversely affected if this support is removed. Correspondingly, for the sake of all our students, we urge legislators to return funds for the Kentucky Center for Mathematics to the state budget.



# #KCMCounts

## The Value of a Continued Investment in Kentucky's Children



Since its inception in 2006, the Kentucky Center for Mathematics (KCM) has partnered with stakeholders throughout Kentucky to develop a **coherent mathematics education vision for all Kentucky children**. The KCM firmly believes that mathematics must never stand in the way of a child fulfilling a dream and that mathematics is an effective vehicle for developing the skills children need for college and career readiness.

To realize this vision, the KCM has worked with educators to develop and maintain a schoolwide culture that engages students and helps them make sense of mathematics. Through the provision of in-person learning experiences, onsite coaching, instructional materials and online resources, systemic change is taking place.

**We have evidence of the monumental impact these efforts have made on the lives of Kentucky children.** Among tens of thousands of students impacted by the KCM, proficiency growth and novice reduction greatly surpass statewide averages.

### Pre-KCM to Post-KCM Change in K-PREP Proficiency

PERCENTILE POINT IMPROVEMENT



### Pre-KCM to Post-KCM Novice Reduction on K-PREP

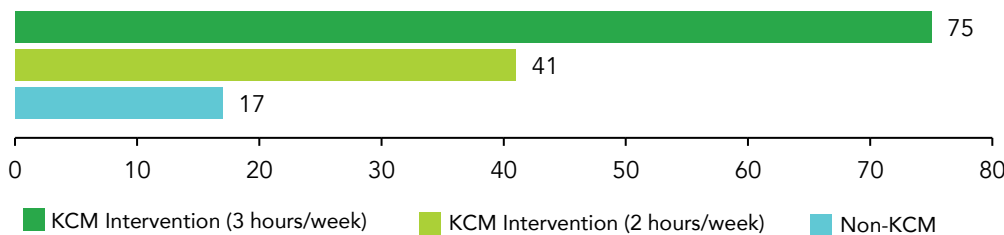
PERCENTILE POINT REDUCTION



Long term results among underrepresented populations are even more pronounced as children supported by KCM programs are far more likely to develop beyond a novice understanding of mathematics.

### Pre-KCM to Post-KCM Novice Reduction on K-PREP in Minority Children

PERCENTILE POINT REDUCTION



We at the KCM believe that it is vital that neither the institutional knowledge (that has taken over 10 years to develop) nor the infrastructure that includes highly trained and experienced professionals should be lost to Kentucky. Starting from scratch on this work will set the state back over a decade. **Funding the KCM is a small investment that pays huge dividends for the children of Kentucky.**