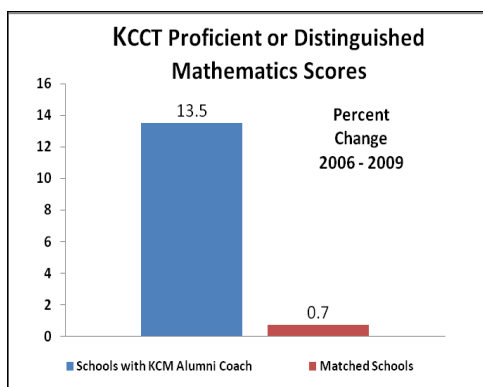




Reflections on the KCM Coaching Program

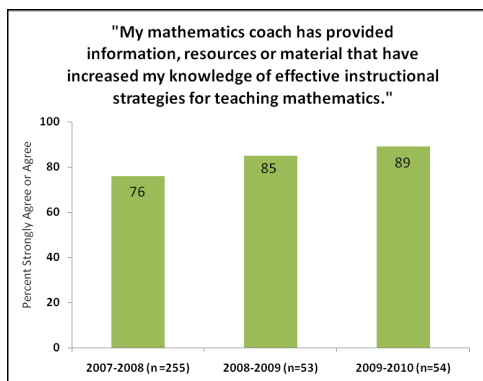
The Kentucky Center for Mathematics' Coaching Program (2006-2010) trained 125 coaches who worked with mathematics teachers across Kentucky to assist them in developing and adopting instructional methods for improving student learning of mathematics.



There was substantial growth in the percentage of students reaching proficiency in schools with a KCM Coach on the mathematics portion of the Kentucky Common Core Test (KCCT).

The matched schools are schools of similar enrollment and student mathematics achievement to schools with a KCM Coach. Schools with a KCM Coach increased the percentage of students reaching proficiency on the mathematics portion of the KCCT by 13.5 percent over the course of the program. The matched schools saw less than a 1 percent increase.

In 2009, the percent of students scoring proficient or distinguished in mathematics on the KCCT from schools with a KCM Coach surpassed, for the first time, the percent of students reaching proficiency in the matched schools.



The coaches were sources of support to other mathematics teachers. The evaluations of the coaching program included surveys of mathematics teachers with whom the coaches worked (the coachees). The coachees were asked about how the coach functioned in the schools and asked how the coach supported the teaching of mathematics. The results suggest that many of the coaches were successful in affecting mathematics teachers' pedagogical knowledge.



Patti Westphal
Boone County



Susan Gordon
East Jessamine Middle School

KCM Alumni Coaches have reflected on their professional teaching and learning experiences. Susan Gordon proclaims, "Not only did KCM support impact my efficacy as a teacher and coach, but it greatly improved the teaching practices of the teachers that I coached and helped to move our mathematics program forward." Patti Westphal reflects that "the KCM Coaching Program has enlightened my thinking... No other professional experience has impacted the teachers I work with and myself more significantly. The skills I developed through this process will last a lifetime."