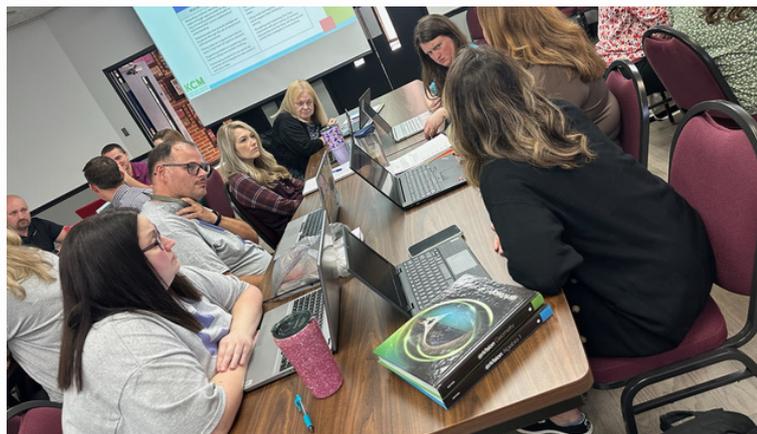


## ***Empowering Minds, Inspiring Futures: A Transformative Journey of Mathematics Education***

*The Pike County district's commitment reflects a model for progressive education, fostering a positive math culture and achieving significant growth across 17 schools.*



In the schools of picturesque Pike County, Kentucky, a transformative journey in mathematics education is underway, thanks to the collaborative efforts of the Kentucky Center of Mathematics (KCM) and the dedicated educators led by Mary Beth Stiltner, the Lead Supervisor for the Department of Instruction. This initiative is steering the district towards a future where math teaching practices are seamlessly integrated, fostering reasoning, problem-solving skills, and a culture of positive mathematical engagement.

Under the visionary leadership of Superintendent Reed Adkins, Pike County has become a beacon for educational innovation, and KCM is proud to play a pivotal role in supporting this vision. At the forefront of this collaboration is Kelly Stone DeLong, the Executive Director of the Kentucky Center for Mathematics. Working hand-in-hand with K-12 principals and assistant principals, she engages in math class walk-throughs to provide valuable insights and support. The primary goal of these walk-throughs is to identify evidence of tasks that promote reasoning and problem-solving abilities, as well as the cultivation of productive struggle. By fostering a positive math culture in classrooms, the KCM aims to enrich the learning experience for students in Pike County.

Customized professional learning is a cornerstone of KCM's support. While the support is tailored to all grade levels, the focus on high school education in Pike County reflects the commitment to address specific needs and challenges unique to this level. Through workshops, seminars, and collaborative sessions, KCM ensures that educators are equipped with the latest teaching strategies and tools to inspire and engage their students effectively.

One notable initiative that has garnered attention is the Mathematics Achievement Fund (MAF) mini-grants for High-Quality Instructional Resources (HQIRs). KCM has played a vital role in not only assisting Pike County in creating this fund but also in securing funding to ensure that educators have access to the best resources for high-quality instruction. This initiative underscores KCM's dedication to providing tangible support for implementing innovative teaching practices.



In the words of Pike County District Math Coach Jaclyn Damron, "Pike County has been focusing on problem-solving and reasoning along with productive struggle and an emphasis on promoting the rigor of the KAS standards. We have witnessed immense growth in all of our 17 schools, even having one school acknowledged as number two in the state. I am looking forward to Pike County's future in education."

Mary Beth Stiltner adds, "The Pike County School System has collaborated with the Kentucky Center for Mathematics to provide a host of professional learning opportunities for administrators and teachers in our district. Our focus has been to increase administrator's knowledge and skills in order to better observe K-12 mathematical standards and the eight mathematical practices. We have partnered with KCM to provide professional learning opportunities to increase teacher effectiveness in designing classroom instruction that increases student engagement, problem-solving, and productive struggle of students as well as the implementation of MAF mini-grants. The work has created an intentional focus between administrators and staff on math instruction and facilitated the use of rigorous math learning to help our students take charge of their own learning."

Just as the KCM has supported the vision for Superintendent Adkins, we can be there to support the vision of the leaders in your county. Please contact the KCM to let us know how we can support you! The commitment to collaboration and ongoing support is at the heart of KCM's mission, reinforcing its role as a trusted partner in the journey towards excellence in mathematics education. As Pike County continues to evolve into a model for progressive education, the Kentucky Center of Mathematics stands ready to champion innovation, empower educators, and inspire students on their mathematical journey. Together, we are building a future where every student in Kentucky has the opportunity to excel in the world of mathematics.

