

GOOD NEWS

FROM THE KENTUCKY CENTER
FOR MATHEMATICS



CRESTWOOD EDUCATOR TO PRESENT AT RENOWNED CONFERENCE

KCM is very excited to announce that one of our community's most dedicated teachers, Cassie Allchorne, will be presenting her project on developing students' understanding of place value at the upcoming National Council of Teachers of Mathematics (NCTM) Conference! Selection is a highly competitive process and participation in the conference is a mark of excellence.

Cassie has been a member of the KCM community for the past two years, as both a Mathematics Intervention Teacher (MIT) and professional learning graduate. She first became involved with KCM through the MAF program, where she participated in both the AVMR and Do the Math courses. "I LOVE KCM!" she shares enthusiastically.

While Cassie was initially nervous about helping her students with foundational mathematics skills as a new MIT, she notes that "throughout the past two years of training with KCM, I learned so much about student development and thinking processes in mathematics." Cassie's NCTM presentation topic originated after noticing that place value is "the most prevalent area of student misconception I see across the board in elementary school."

Cassie explains that one of the most valuable lessons she has taken from KCM courses is "giving the students as many opportunities to discuss their thinking with others as possible. I truly believe that this is the best way for students to learn mathematics." She has found utilizing daily number talks in the classroom as "a valuable way to do this."

The professional development Cassie has achieved through KCM courses enabled her to become an instructional leader at her school. She shares that, "with my involvement and experience with KCM, teachers often seek my advice about mathematics instruction." Cassie enjoys applying the techniques learned in KCM courses to assist

other teachers in problem solving about student misconceptions, and how to best assist them in mathematical understanding.

Originally from Louisville, Cassie earned her undergraduate degree at the University of Kentucky, during which time she taught abroad in Auckland, New Zealand. While in New Zealand, she fell in love with more than just the country, she also met her husband! After returning to Kentucky in 2013, Cassie taught first grade in Jefferson County for two years before moving to Crestwood Elementary as a part time intervention teacher. Cassie was thrilled when this part time position evolved into a full time MIT position. "I absolutely LOVE my job working with these awesome mathematicians!"

"I would honestly not be the high quality mathematics teacher I am today without the KCM. The training and resources provided to me by the KCM far outweighs my undergraduate and graduate education in Kentucky. I cannot tell you how valuable the KCM is to my continued success as a teacher."



-CASSIE ALLCHORNE

When Cassie is not inspiring young minds, she loves enjoying local restaurants with her husband, reading books and working on puzzles with her children. We know that she will be a great representative for Kentucky at the NCTM Conference. The KCM community looks forward to hearing all she has learned! Congratulations, Cassie!