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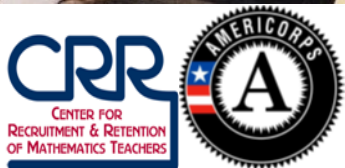
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## STEMM

Student Thinking Enrichment through  
Mathematics Mentors



COLLEGE OF SCIENCE  
**MATHEMATICS**



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# STEMM

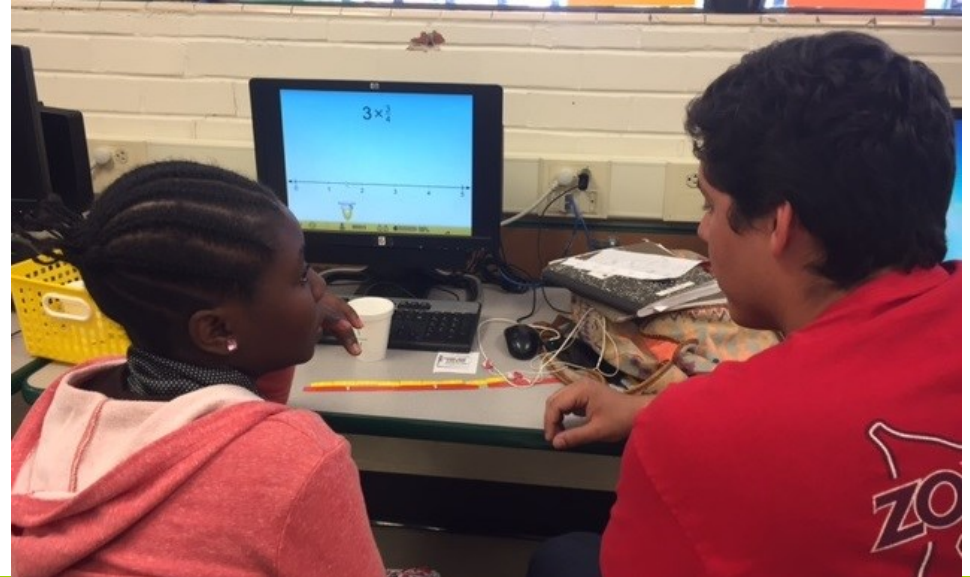
## Student Thinking Enrichment through Mathematics Mentors

### About the program...

The Center for Recruitment and Retention of Mathematics Teachers is honored to receive a grant from the Corporation for National and Community Service and Arizona's Governor's Office for Youth, Faith, and Family.

The grant is an **AmeriCorps** grant called **STEMM** (Student Thinking Enrichment through Mathematics Mentors). The grant places 40 University of Arizona students in secondary (7<sup>th</sup> – 12<sup>th</sup> grade) mathematics classrooms during the school day to support teachers' student-centered instruction.

“Never doubt your ability to change a life. You are making a difference just by being there, explaining things differently, and making sure they know you believe in them!”



**STEMM: A partnership among AmeriCorps, the Tucson-area education community, and the U of A Center for Recruitment and Retention of Mathematics Teachers**

The college students receive training in foundational mathematics and effective tutoring and student-centered support each week by participating in Math196 A (while earning 1 mathematics credit). The college students also work with their cooperating teacher to select 3 high-need students that will receive consistent and targeted math mentoring by the college student.

STEMM also engages the teachers in the New Teacher Induction Program as math mentors for three of their high-need students, providing a more intensive level of support for those students. The New Teacher Induction teachers also receive targeted biweekly mentoring from their Induction Coaches.

The U of A students, cooperating teachers, and community members volunteer together at STEM nights throughout the community.

- ◆ More than 1000 students are impacted by the college students, including 120 students that will receive intensive mentoring.
- ◆ More than 2000 students will benefit from the New Teacher Induction teachers' focus on better instruction through active student-centered classrooms. 60 of those students will receive intensive support in foundational mathematics.
- ◆ Therefore, 180 students will receive mentoring and more than 2000 students will receive in-class tutoring support.

During the program, U of A students will receive living expense stipends monthly and an educational award at the end of their term of service. New Teachers Induction participants will also receive a stipend.

