

UEN Online Courses



Magnifying 8th Grade Math

Eighth grade is an essential part of students' middle school mathematical experience. In this course we look deeply at what makes 8th grade math unique and the essential understandings that every student needs to be confident in high school mathematics. We will identify key differences between 8th grade and 9th grade concepts, and also connect prior learning from 7th grade math.

The course includes discussions with colleagues, examining the latest and greatest resources available to 8th grade teachers, and is a great way for school teams to learn more about their core and collaborate for student learning and success.

Registration closes Sep. 16, 1.0 credit (SUU or USBE. Course runs Sep. 22 - Dec. 14. To register, go to: <http://www.uen.org/pls/math-sec/>

Principles to Actions: Access and Equity

What is Access and Equity? What are ways we can increase student learning and build confidence for each and every student? How do beliefs impact our actions? Join us as we work together to examine and extend our understanding of equity. Research from NCTM's Principles to Actions, Jo Boaler's Mathematical Mindsets, and relevant articles will be used as vehicles to deepen our knowledge on topics such as growth mindsets specific to mathematics, how to use mistakes as tools to advance learning, ensuring high expectations for all students, and more!

This would be a great course for communities of educators within schools to engage in together. Grade level or department teams would benefit from examining these educational topics together along with administrators, special education teachers, English Language Development teachers, school counselors, and other support staff.

Registration closes Sep. 16, 1.0 credit (SUU or USBE. Course runs Sep. 22 - Dec. 14. To register, go to: <http://www.uen.org/pls/math-sec/>

Principles to Actions: An Overview

Want to increase your capacity to ensure the mathematical success for all students in your classroom, school, and community? Join us in the Principles to Actions course examining mathematical teaching practices and guiding principles for school mathematics. The primary source used in this course is the recent NCTM publication *Principles to Actions*. Our learning objectives are:

- Understand and implement the guiding principles for school mathematics to improve the quality of mathematics instruction.
- Understand and implement the mathematical teaching practices to increase student learning.
- Work with colleagues to establish an educational community that incorporates mathematical teaching practices and guiding principles.
- Increase your capacity with content of the Utah Core Mathematics Standards.

Teachers and educators involved in K-12 mathematics instruction are invited to participate, and encouraged to register as teams, if possible.

Registration closes Sep. 16, 1.0 credit (SUU or USBE. Course runs Sep. 22 - Dec. 14. To register, go to: <http://www.uen.org/pls/math-sec/>