



CENTER FOR PROFESSIONAL DEVELOPMENT & EDUCATION REFORM

At the [Center](#), we work together to build the professional capacity of individuals, organizations and institutions in education to enhance the achievement of all citizens toward a greater common good

As a [Mathematics Education Outreach Team](#), we partner with educational institutions to bring research to practice as we work together to transform mathematics education.

TRANSFORMING MATHEMATICS CLASSROOMS BY FOSTERING PRODUCTIVE MINDSETS

Within the mathematics education community there continues to be widespread discussion around transforming mathematics classroom experiences to reflect current research regarding high quality mathematics teaching and learning. Transforming mathematics classrooms requires consideration of what mathematics students have the opportunity to engage in and how they engage in that mathematics. Student perceptions around their mathematics potential can be strengthened through growth mindset messages, use of rich tasks, opportunities for collaboration and classroom discourse, a focus on number sense and flexibility with numbers, and other classroom practices that support mathematics learning as an active process. In this professional learning we will draw on the work of Jo Boaler and other mathematics education researchers to examine how we can rethink many of our instructional practices to empower students by instilling in them a productive mindset toward mathematics learning.

This professional learning experience is designed to support K-12 mathematics educators. We will meet “live” online, via a video conferencing platform for a one-hour kickoff session followed by six two-hour sessions. There will be two additional hours of asynchronous work to be completed over the course of the six sessions. A certificate of completion for fifteen hours of professional learning will be provided upon completion of the course.

Audience:

K-12 teachers of mathematics, teacher leaders, math coaches, and administrators

Dates and Times:

Synchronous Kickoff Session:

7:00pm - 8:00pm ET
October 4, 2021

Synchronous Online Sessions:

7:00pm - 9:00pm ET
October 5, 2021
October 12, 2021
October 19, 2021
October 26, 2021
November 2, 2021
November 9, 2021

Cost:

\$495 per person

PD Credit Hours

15 hours
(13 hours of synchronous online sessions and 2 hours of asynchronous work)

Facilitated by the Mathematics Education Outreach Team from the Center for Professional Development and Education Reform

We are an approved CTLE provider.

[Click here to begin the registration process.](#)

Register by September 27, 2021!

Please direct any questions regarding the registration and payment process to Lauren Warner at lwarner@warner.rochester.edu