



Elementary Math Content Course Offering

Center for Professional Development and Educational Reform



Summer 2025 Content Course: Fraction Concepts Across the Elementary Grades

Course Description: Research on mathematics teaching and learning shows that a teacher's own relationship to and understanding of mathematics is vital for student growth. In this course, participants will engage in mathematics experiences designed to uncover the underlying mathematical ideas associated with fractions as they develop across elementary grades. The experiences will be purposefully sequenced to allow participants to see and feel the vertical alignment of the Next Generation Learning Standards, while linking them to effective and ambitious teaching practices and the NYSED Numeracy Briefs (2025). Participants will have opportunities to reflect on their learning and determine implications for their personal practice and contexts.

Dates and Times: August 6th 9:00-11:30 AM & 12:30-3:00 PM (EDT)

Format: Synchronous sessions held via Zoom

Audience: Grades K-6 teachers of mathematics, leaders, coaches, and administrators

Cost: \$150 per participant (\$140 if paying via district invoice or personal check)

CTLE Credit: Participants will receive 5 hours of CTLE credit for their full participation

[**REGISTER HERE**](#)



Save These Dates for Other Content Course Offerings

Numbers, Operations and Algebraic Thinking	Geometry and Measurement
This course will examine number and numeration, the structure of the base ten system, and operation sense for addition, subtraction, multiplication, and division.	This course will examine spatial sense, geometric properties, transformation, meaning of measurement, and the measurement process.
Synchronous Sessions (held via Zoom) <ul style="list-style-type: none">• November 5th- 4:00-6:30 PM (EST)• November 12th- 4:00-6:30 PM (EST)	Synchronous Sessions (held via Zoom) <ul style="list-style-type: none">• January 14th- 4:00-6:30 PM (EST)• January 21st- 4:00-6:30 PM (EST)

For more information, please contact ccarson@warner.rochester.edu