



This event is presented by CESA 6  
and Mathematics Institute of WI (formerly Brookhill)

# Number and Operations Fractions Grades 3-5 (3-day Seminar)

Tues., Sept. 19; Wed., Oct. 11; & Fri., Nov. 1, 2017

**Presenters: Lori Rugotska, Ed.D., CESA 6 Coordinator  
and Eric Kanters, Mathematics Institute of WI (formerly Brookhill)**

## Description

This three-day seminar focuses on mathematical content knowledge around fractions while diving deeply into mathematical representations. Visual representations of mathematics help students deepen their understanding of mathematics. This seminar looks at various ways to represent the mathematical content, including visual, symbolic, verbal, and physical representations. These various representations are intertwined with the mathematical content to deepen understanding and proficiency with fractions aligned to the expectations of the Common Core State Standards for Mathematics (CCSSM). Emphasis is placed understanding how the standards relate to the progression of mathematics learning across grades, examining visual models, and studying meaningful contexts in which to apply the standards.

## Workshop objectives

- Participants will use various mathematical representations of fractions to see the connection between them.
- Participants will become familiar with progression of standards for fractions across Grades 3-5.
- Participants will understand, represent and explain the important ideas in CCSSM for unit fractions, fraction equivalence, comparing fractions, operations with fractions and relationships between decimals and fractions.

## Who should attend?

Math Educators, Math Coordinators, Interventionists, Administrators and Math Enthusiasts!

## For additional information contact:

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## To register online, go to:

<http://login.myquickreg.com/register/agency/event/event.cfm?eventid=17772>

## Registration questions contact:

Belinda Fox, program assistant  
[bfox@cesa6.org](mailto:bfox@cesa6.org) • (920) 236-0576

## Registration details

• **Date:** Tues., Sept. 19; Wed., Oct. 11; & Wed., Nov. 1, 2017

• **Registration fee:**

✓ \$425 per participant.

✓ Fee includes materials and lunch.

• **Time:** 8:30 a.m. – 3:30 p.m.

• **On-site check in:** 8 – 8:30 a.m.

• **Location:**

CESA 6 Conference Center  
2300 State Road 44, Oshkosh

• **Registration deadline:** Sept. 12, 2017

• **Online registration:**

<http://login.myquickreg.com/register/agency/event/event.cfm?eventid=17772>

Cancellation policy: CESA 6 will issue a refund if a registration cancellation is received **48 business hours** before the event date. Attendance at most sessions is limited. Individuals who register but do not attend will be charged the full registration fee. CESA 6 reserves the right to cancel any session due to insufficient enrollment. Participants will be notified by email or phone if a session is canceled.



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