



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

Algebra and Functions

Grades 8-12

(3-day Seminar)

Fri., Sept. 29; Fri., Oct. 20 & Wed., Nov. 8, 2017

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

Description

This three-day seminar focuses on mathematical content knowledge around algebra and functions, 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 understanding, including visual, symbolic, and physical representations. These various representations are intertwined with the mathematical content to emphasize how formulas can be derived from a situation, and how an analysis of formulas results in the understanding of equations and functions. Connections to the modeling conceptual category and the modeling cycle will be examined.

Workshop objectives

- Participants will gain a deeper understanding of the CCSSM conceptual categories of Algebra and Functions.
- Participants will use various mathematical representations of equations and functions and see the connections between them.
- Participants will investigate real-life applications of algebra and functions.

Who should attend?

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

For additional information contact:

Lori Rugotska, Ed.D.
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To register online, go to:

<http://login.myquickreg.com/register/event/event.cfm?eventid=17777>

Registration questions contact:

Belinda Fox, program assistant
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Registration details

- **Date:** Fri., Sept. 29; Fri., Oct. 20; & Wed. Nov. 8, 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. 22, 2017
- **Online registration:**
<http://login.myquickreg.com/register/event/event.cfm?eventid=17777>

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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