



This event is sponsored by the CESA 6 Math Center.

Supporting Number Learning for Multiplication, Division and Fractions

Monday & Tuesday, Oct. 5-6, 2015 • 8:30 a.m. to 3:30 p.m.

Presenters:

Lucinda "Petey" MacCarty, Educational Consultant, Mountain States Mathematics

Kurt Kinsey, President & Mathematics Consultant, Mountain States Mathematics



Training Description:

Join Petey MacCarty and Kurt Kinsey of Mountain States Mathematics in examining and exploring topics in number learning, drawing on research published in *Developing Number Knowledge*, Wright et. al. (The fourth book in the Math Recovery series, a.k.a. The Red Book.) The three sessions of this two-day workshop include:

- Part I: Progressive Mathematization — Advancing student number knowledge
- Part II: Charting a Pathway for Multiplication and Division Fact Fluency
- Part III: What Parts Make the Whole of Fraction Understanding?

Participants will:

- Examine and develop an understanding of the dimensions of students' progressive mathematization
- Examine a detailed learning trajectory for multiplication & division
- Examine how to strategically use tools to increase students' understanding and fluency with multiplication and division
- Examine a detailed learning trajectory for conceptual development of fractions
- Examine instructional tasks for designing instruction to advance student understanding of fractions

Workshop Objectives:

Participants will leave with a deeper understanding of how students progress in their understanding of number concepts related to multiplication, division, and fractions.

Who should attend?

Teachers of mathematics in grades 3-6, Title I teachers, interventionists, and instructional coaches of grades 3-8

For additional information contact:

Lori Loehr, lloehr@cesa6.org

Registration Details

- **Date:** Oct. 5-6 2015
- **Registration fee:**
 - ✓ \$350 per person
 - ✓ Fee includes materials, light breakfast, lunch & snacks
- **Time:** 8:30 a.m. to 3:30 p.m.
- **Onsite check-in:** 8 a.m. to 8:30 a.m.
- **Location:**
LaSure's Banquet Hall
3125 S. Washburn, Oshkosh
- **Registration deadline:** Oct. 3, 2015
- **Online registration:**
<http://login.myquickreg.com/event/event.cfm?eventid=13646>
- **For registration information contact:**
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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.