

Focus on Addition and Subtraction: Planning Number Talks that Support Mental Math January 17, 2019

8:30am-3:30pm (8:00am Check In)

Teaching students how to use symbols, pictures, diagrams, and words to show their mathematical thinking is an important part of teaching mathematics for understanding.

What choices do teachers have when representing different mathematical solution strategies? **When might a teacher choose to use a number line, bar diagrams, pictures, or symbolic expressions?** How might choosing different models impact student understanding?

In this workshop, we will examine the ways that teachers can strategically leverage different representations to help students to make sense of addition and subtraction.

Who Should Attend?

Elementary educators, secondary educators, and all others interested.



Christy Pettis is an assistant professor of Mathematics Education at the University of Wisconsin River Falls. She frequently presents to schools and teachers in the Twin Cities region on the topic of developing number sense in learners of all ages. Having taught at the elementary, middle, high school, and college levels, she is particularly interested in common ways that number sense and a love of mathematics may be cultivated in learners from kindergarten to college.

Registration Information

Fee: \$95 [Metro ECSU Member](#);

\$195 Non-member (Fee includes lunch)

Program Contact: Angela Skrade,
612.638.1528 angela.skrade@metroecsuo.org

Register online:

<http://metroecsuo.myquickreg.com/register/event>

Location:

Metro ECSU (Anderson Center, Bethel University),
2 Pine Tree Dr, Arden Hills, MN 55112

Registration Deadline: January 17, 2019

Cancellation Deadline: January 15, 2019

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In compliance with the Americans with Disabilities Act, when special accommodations are needed, contact Angela Skrade at 612-638-1528 or angela.skrade@metroecsuo.org at least two (2) weeks before the event date. Special accommodation cancellation notices are accepted no later than two (2) business days before the event date. Cancellations after the deadline will be billed for special accommodations fees.