

Elementary Math Workshop: Effective Strategies for Teachers 3-5

CESA #12 Conference Center

Friday, November 2, 2012 and Friday, January 18, 2013

Registration: 8:30-9:00 AM - Workshop: 9:00 AM and 3:30 PM

Overview

Multiplication and Division, Decimals, Fractions

Day One:

- Introduction to problem-solving methods, mental math strategies, math modeling
- Determine key math vocabulary for your grade
- Learn whole number teaching sequences and thinking-clarification strategies
- Create effective math problems

Day Two: (Prerequisite must attend day 1 of training)

- Identify the most difficult and subtle math concepts for US children
- Learn base ten teaching sequences and thinking-clarification strategies
- Determine useful manipulatives and models
- Design an instructional math plan for your classroom/school

Create richer math thinking using unique visual tools-which have proven effective internationally.

Strengthen your existing math program while upgrading to the increased emphasis on written and mental problem-solving found in the new *Common Core State Standards for Mathematics*, 2010.



Viterbo Credit Available

Participants will:

- Use a visual process to solve multiple-step math word problems easily (Singapore and Hong Kong math techniques).
- Use critical vocabulary to structure conversations to deepen math understanding (*Common Core* math vocabulary)
- Understand the power of base ten place value to manipulate numbers easily
- Apply these processes to your existing math materials
- Learn how to present concepts in the simplest, clearest way; the appropriate sequential order for developing math skills; what students find difficult; and what errors they are likely to make.
- Lay a foundation for algebraic thinking.
- Develop deep understanding of equality, place value, fractions and mathematical problem-solution using whole numbers, decimals and fractions.

Presenter

Amanda Popovich, Curriculum Coordinator, CESA #12

Wisconsin State Performance Plan Indicators and Standards Addressed

Wisconsin Teaching Standards Addressed: 1, 2, 3, 4 & 7

Target Audience

Elementary Math Teachers 3-5

Early Bird Fee (Before Thursday, October 18 and Thursday, January 3, 2013) Registration fee includes materials, break and lunch.

Day 1: \$60/Day 2: \$15 Title I Consortium Districts (Bayfield, Butternut, Chequamegon, Hurley and Mellen)

Day 1: \$100/Day 2: \$35 Non-Consortium School Districts

Registration Fee (After Thursday, October 18 and Thursday, January 3, 2013) Registration fee includes materials, break and lunch.

Day 1: \$80/Day 2: \$35 Title I Consortium Districts (Bayfield, Butternut, Chequamegon, Hurley and Mellen)

Day 1: \$120/Day 2: \$55 Non-Consortium School Districts

Deadline for Registration

Tuesday, October 30, 2012 and Tuesday, January 13, 2013 (Registration cancelled after registration deadline will not be refunded)



Return With Payment

Use this form to accompany your check or purchase order. This form does not serve as registration for this event.

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Name: _____ Position: _____

School District: _____ School Building: _____

PO# _____ Check enclosed: \$ _____

Registration must be completed on <http://www.myquickreg.com/>