Bar Modeling (3-5)

Wednesday, January 14, 2015
CESA 12 Conference Center, Ashland

Bar Modeling in 3-5 Classrooms

Bar Modeling is a universal instructional method for mathematics. This method is part of the Singapore mathematical problem-solving framework, which is dependent on five inter-related components: concepts, skills, processes, attitudes, and metacognition. In this framework, mathematical concepts cover numerical, algebraic, geometrical, statistical, probabilistic, and analytical concepts. Mathematical processes refer to the knowledge skills involved in the process of acquiring and applying mathematical knowledge, including reasoning, communication and connections, thinking skills and heuristics, and applications and modeling. The metacognition refers to the awareness of and the ability to control one's thinking processes. Last, attitudes refer to the affective aspects of mathematics regarding beliefs, interest, appreciation, confidence and perseverance.

This instructional method scaffolds from grade level to grade level providing students with a consistent tier I or universal level instructional method. Students begin by using part-part-whole in the early grade levels to learn math and continue to use this concept in a comparison model for addition and subtraction, then multiplication and division, fractions, ratio, percentage, and more!

Join us to learn how this process impacts math instruction in Third Grade, Fourth Grade, and Fifth Grade, how it supports the common core state standards, tier one of RtI, and will help close achievement gaps and eliminate student misconceptions in mathematics.

Presenter: **Amanda J Popovich**

Audience: Elementary Math Teachers, Instructional Coaches, and Administrators

Cost (Includes Textbook):

Early Bird Fee (Before December 30)

$70 CAI Plan A Consortium Member Districts (Bayfield, Drummond, Washburn)

$70 ESEA Consortium Member Districts (Butternut, Chequamegon, Hurley, Mellen)

$90 Non-Consortium School Districts

Registration Fee (After December 30)

$80 CAI Plan A Consortium Member Districts (Bayfield, Drummond, Washburn)

$80 ESEA Consortium Member Districts (Butternut, Chequamgon, Hurley, Mellen)

$100 Non-Consortium School Districts

Deadline to Register
January 6, 2015

Viterbo Spring Credit 2015
Available: EDUC 549-003

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