

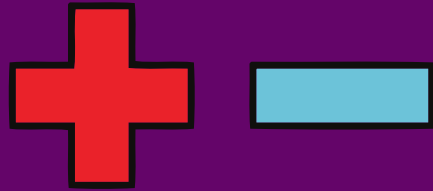


DEVELOPING MATHEMATICAL FLUENCY IN K-5

FEATURING AUTHOR & MATHEMATICS EDUCATOR JENNIFER BAY-WILLIAMS

DEVELOPING FLUENCY WITH ADDITION AND SUBTRACTION IN GRADES K-5

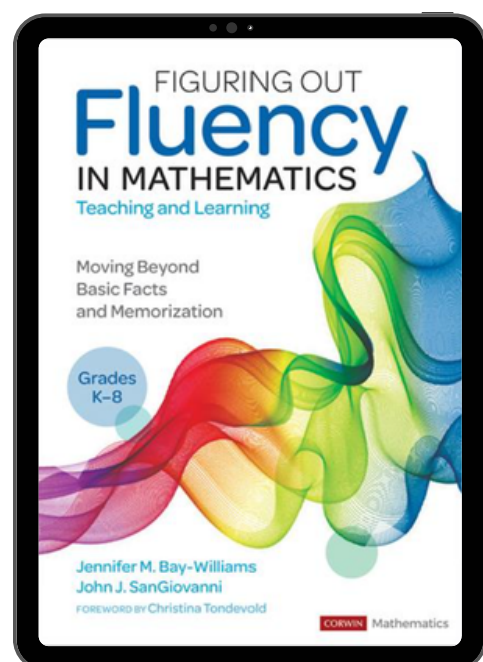
Fluency is much more than memorizing facts and applying algorithms. For example, when encountering a problem like $499 + 643$, students should ask themselves, *What is a good way to add these two numbers?* rather than relying on a single procedure. True fluency requires strong number sense and the use of flexible reasoning strategies. This activity-packed day focuses on engaging activities, games, and routines that explicitly develop reasoning strategies for addition and subtraction with basic facts, whole numbers, and fractions. All teaching activities and games will be provided and ready for immediate use in your classrooms and schools!



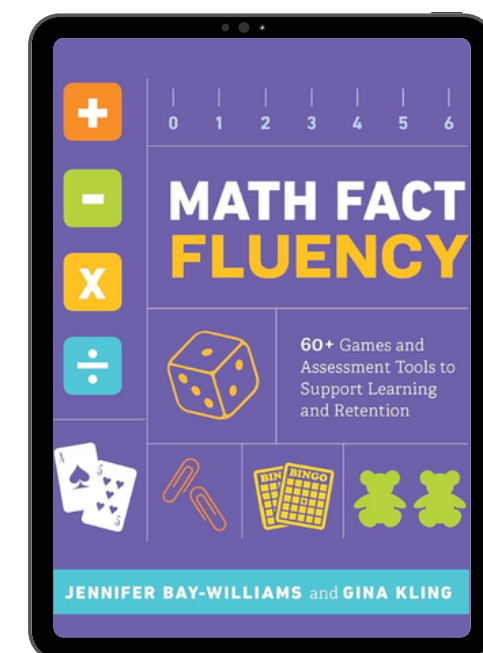
SEPTEMBER 2, 2026
8:30 AM - 3:30 PM

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THESE SESSIONS DRAW ON RESEARCH AND CLASSROOM PRACTICES FROM THE PUBLISHED WORK OF JENNIFER BAY-WILLIAMS.




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DEVELOPING FLUENCY WITH MULTIPLICATION AND DIVISION IN GRADES 3-5

Every child must have automaticity with basic facts, but traditional skip counting and memorizing don't work for many students. Instead, a strategy focus develops both number sense and automaticity! This day begins with an activity-packed exploration of how to ensure that every child develops multiplication fact fluency and automaticity. Then, we move beyond basic facts to see how the strategies and flexibility 'grow' to whole numbers, decimals, and fractions. All teaching activities and games will be provided and ready to go for use in your classrooms and schools!



REGISTER NOW!

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