

Learning

Opportunities 2026-2027

Virtual Math Learning Opportunities featuring John SanGiovanni

John SanGiovanni is a mathematics supervisor in Howard County, Maryland, and graduate program coordinator at McDaniel College. He is the author of more than 20 books on mathematics education and a national consultant for curriculum development and professional learning. A former Maryland Mathematics Teacher of the Year, John serves on the Board of Directors for the National Council of Supervisors of Mathematics and has previously served on the NCTM Board.



The Big Ideas about Computational Fluency

Grades 3-8
Online

Computational fluency is more than speed and memorization. It develops through number reasoning, efficient strategies, purposeful practice, and flexible application. Participants will explore 10 key ideas for building meaningful computational fluency and strengthen their understanding of effective fluency instruction.

October 21 | 4:00PM-5:30PM

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Strategies for Adding Multi-digit Numbers

Grades 3-8
Online

Explore five key strategies for adding multi-digit numbers and how to teach, practice, and assess them. Participants will experience lessons, games, and routines, with strategies extended to decimals, fractions, and integers. Classroom-ready resources will be provided.

November 18 | 4:00PM-5:30PM

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Strategies for Subtracting Multi-digit Numbers

Grades 3-8
Online

Explore five key strategies for subtracting multi-digit numbers and how to teach, practice, and assess them. Participants will experience lessons, games, and routines, with strategies extended to decimals, fractions, and integers. Classroom-ready resources will be provided.

December 16 | 4:00PM-5:30PM

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Strategies for Multiplying Multi-digit Numbers

Grades 4-8
Online

Explore five key strategies for multiplying multi-digit numbers and how to teach, practice, and assess them. Participants will experience lessons, games, and routines, with strategies extended to decimals, fractions, and integers. Classroom-ready resources will be provided.

January 13 | 4:00PM-5:30PM

[Learn More](#)

Strategies for Dividing Multi-digit Numbers

Grades 4-8
Online

Explore five key strategies for dividing multi-digit numbers and how to teach, practice, and assess them. Participants will experience lessons, games, and routines, with strategies extended to decimals, fractions, and integers. Classroom-ready resources will be provided.

February 24 | 4:00PM-5:30PM

[Learn More](#)

Foundations for Fluency: Skills for First Instruction and Intervention

Grades K-6
Online

Explore the essential foundations of computational fluency through an interactive workshop featuring research-based strategies for estimation, decomposition, counting, number structuring, and reasoning. Participants will learn ways to teach and reinforce these skills, with ready-to-use classroom resources provided.

March 10 | 4:00PM-5:30PM

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