



Mathematics Education Outreach news & updates

March 2025

This Month's Content

Opportunity for Secondary Math Teachers

- Math Reasoning and Representation: Algebra Instruction that's Ambitious, Meaningful, and Effective Free Webinar

Call for Proposals

- Call for Proposals for the 2025 AMTNYS Annual Conference

Podcast Recommendation of the Month

- Rounding Up: An MLC Podcast, Season 1, Episode 10: *Building Asset-Based Learning Environments*

Opportunity for Secondary Math Teachers

Math Reasoning and Representation: Algebra Instruction That's Ambitious, Meaningful, and Effective Free Webinar

An essential understanding of the uses and practices of algebra remains out of reach for many students. Worryingly, for those students who struggle, algebra often represents a "drop-off point" in their math education. In a



new book, *Making Algebra Meaningful: A Visual Approach to Math Literacy for All* (Teachers College Press, 2024), award-winning researcher Nicole Fonger addresses the issue of how to support all learners to experience algebra as meaningful.

In a free webinar for teachers, Dr. Fonger presents her highly visual approach to improving algebra literacy in secondary classrooms. Attendees will learn how to support students to fluently reason and represent algebraic expressions, equations, and functions; how to design algebra lessons that are culturally and historically responsive to students' experiences and social justice issues; and how to make connections among rigorous research in algebra education, teaching algebra, and leading ambitious, equitable, and antiracist visions for algebra education.

This webinar is for middle and high school algebra and precalculus teachers, researchers, teacher educators, and all others who wish to learn about creating and sustaining math instruction that's ambitious, meaningful, and effective.

[More Information and Registration](#)

Call for Proposals



Call for Speaker Proposals for the 75th Annual AMTNYS Conference

The Association of Mathematics Teachers of New York State is excited to invite proposals for their 75th Annual AMTNYS Conference. If you're interested in speaking at this year's event, please complete the Speaker Proposal Form by May 1st. This year's conference will be held in Rochester, NY on November 7 - 8, 2025.

[Link to Speaker Proposal Form](#)

Podcast Recommendation of the Month

During the 2024-2025 school year, the Mathematics Education Outreach Team will be highlighting a podcast episode that we found impactful to our learning. We hope you will take a listen to some of our recommendations. If you have any

suggestions of podcast episodes to highlight, please reach out and let us know. We always love recommendations from our community.

Rounding Up: A Math Learning Center Podcast

Building Asset-Based Learning Environments

Season 1: Episode 10



Take a moment to think about the students in your most recent class. What assets do each of them bring to your classroom, and how might those assets provide a foundation for their learning? In the Episode of Rounding Up: An MLC Podcast, host, Mike Wallus talks with Dr. Jessica Hunt about asset-based learning environments. They talk about how educators can build an asset-based learning environments in their classrooms, schools and school districts.

[Have a Listen!](#)

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