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Mathematics Education Outreach news & updates

January 2025

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- Math Therapy Podcast, Season 6, Episode 1: *The Difference between Equity and Equality with Dr. Pamela Seda*

Something to Try with Your Students this Year

The 2025 Year Game

For many years mathematicians, scientists, engineers, and others interested in mathematics



have played "year games" via e-mail and online. We don't always know whether it is possible to write expressions for all the numbers from 1 to 100 using only the digits in the current year, but it is fun to try to see how many you can find. The year 2025 may prove to be a challenge.

[Resources and Detailed Instructions](#)

Save the Date



The 75th Annual AMTNYS Conference in Rochester in the Fall of 2025

Save the date for the 75th annual Association of Mathematics Teachers of NYS (AMTNYS) Fall Conference which will be held in Rochester, NY on November 7th - 9th, 2025. This year's theme will be *Math for All: Inclusivity, Innovation, and Impact*. Watch for more information coming soon.

Resources for You

NCTM and CEC Joint Position Paper on Teaching Mathematics to Students with Disabilities

The National Council of Teachers of Mathematics (NCTM) and the Council for Exceptional Children (CEC) recently released a joint position paper on teaching mathematics to students with disabilities. In this paper, the organizations "recognize the important role of educators in ensuring students with disabilities have access to and success with grade/course-level standards, receive high-quality instruction and are supported by systems that believe in their abilities." (NCTM & CEC, 2024)

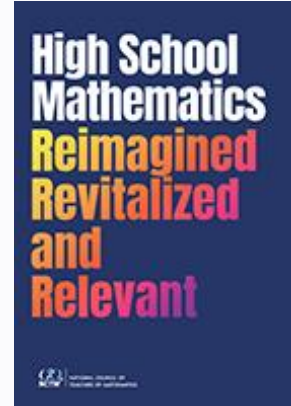


NATIONAL COUNCIL OF
TEACHERS OF MATHEMATICS

[Read the Position Paper Here](#)

NCTM's *High School Mathematics Reimagined, Revitalized and Relevant*

Last fall, NCTM published *High School Mathematics Reimagined, Revitalized and Relevant*. In the description for this new book, the publishers acknowledge that “[p]rogress has been uneven, and many students still lack equitable access to the experiences that will empower them to navigate a world increasingly driven by data and technology. To address this, a team of mathematics teachers, leaders, and educational organizations, including NCTM, NCSM: Leadership in Mathematics Education, and the Association of State Supervisors of Mathematics (ASSM), came together to create a bold new vision for high school math education. *High School Mathematics Reimagined, Revitalized, and Relevant* is not just a publication; it is a call to action. It provides a thoughtful and practical guide for educators, school district leaders, and policymakers to rethink and restructure high school mathematics. By centering the student experience and emphasizing the development of mathematical and statistical processes, this work aims to make math not only relevant but essential for every student.” (NCTM, 2024)



[More About the Book](#)

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.

Math Therapy Podcast: *The Difference between Equity and Equality with Pamela Seda*

Season 6, Episode 1

In this episode, Vanessa (the podcast host) chats with Dr. Pamela Seda, an expert in all things education and inspiration! They dive deep into hot topics like how teachers can build trust in the classroom by modeling vulnerability, the benefits of cultivating community over competition, and a fascinating metaphor that illustrates what equity and accommodations truly mean in our

schools. Dr. Pamela Seda, Founder and CEO of Seda Educational Consulting, is the creator of the VANG Math Card Game and co-author of "Choosing to See: A



Framework for Equity in the Math Classroom." Dr. Seda's career spans roles as a high school math teacher, instructional coach, college instructor, and district math supervisor.

Have a Listen!

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