

**Session A**  
**10:30 AM – 11:30AM**

Donna Balter Meislin Hunter College/CUNY Level K-5

*Make and Take: Teaching on a Zero Budget*

Create foldables that will enrich and enhance your math instruction while helping your students become active learners.

Kristen Coyle PS483x The Matilda Avenue School Level K-5

*Fostering Family Math Connections: A Workshop for Elementary Educators*

In this presentation for elementary school teachers, we will explore effective strategies to empower parents in supporting math discussions and fluency practice at home. By sharing practical tips and engaging resources, educators will learn how to help bridge the gap between the classroom and home. Let's work together to help families foster a strong foundation and love for learning beyond the classroom walls.

Bob Sun / Jennifer Kling First In Math/Suntex International Inc Level 3-5

*Why Is Algebra So Difficult?*

Algebra 1 is the single most failed class in US high schools. Bob Sun shares his innovative digital approach to solving this problem by providing instant feedback and building cumulative confidence with the six foundational skills of Algebra.

Jay L. Schiffman Retired (Rowan University) Level 6-8

*Accessible and Fun Problems For The Middle School Classroom*

This hands-on workshop engages participants in accessible and fun problems involving number puzzles, magic squares, and elementary number theory to view mathematics in context and aids in discovering neat connections. Please join us and be inspired.

Charalambos “Harry” Loizides Locust Valley Central School District

Level 7 - 12

*Utilizing Video and Tabletop Games in Math Classrooms*

This workshop will showcase various examples utilizing various video games & tabletop games to demonstrate & master numerous mathematical topics. Examples range from 5-minute Warm Up activities to multi-day Project-Based opportunities in grades 7-12.

Paul Alan Pelech Ph. D. Westbury Union Free School District Level 9 - 12

*Using Google Sheets for Real-World Mathematics*

Motivate and engage students using Google Sheets to provide students real-world mathematics instruction. Bring your favorite device to participate in this hands-on workshop.

Alan Sheptin Sheptin Tutoring Group Level 11 -13  
*AP Calculus or Statistics? How about AP Precalculus?*

Determining which course your students take, could steal their feet in the college admissions process. I will discuss how to integrate (no pun intended) your students' academic interest with their college plans.

Andrea Faoro New York State Education Department Level General  
*NYSED Update*

The math team from the Office of Standards and Instruction will share information about educator resources, the NYS assessments, and state and national awards educators can apply for. Questions are welcome.

Natasha Murray President NYSAMS Level General  
Jayson Kiang Longwood High School/NYSAMS  
*Leadership in Math Education with NYSAMS*

Join the leadership of the New York State Association of Math Supervisors and other math educators to explore how to expand and magnify your impact as a math leader. NYSAMS membership will be offered to all attendees.

**Session B**  
**12:00 PM - 1:00PM**

Akia Goudy Bank Street School for Children Level 2-4  
*Using the 5 Practices to Develop Initial Teaching Lessons in a Professional Learning Community*

Using the 5 Practices to Develop Initial Teaching Lessons in a Professional Learning Community (Smith and Stein, 2018) offers a framework that supports educators in developing instruction that supports differentiation, critical thinking, and engaging students in mathematical discourse. This session will focus on how this work was achieved with teachers in grades 2-4, and provide insight on how to develop instruction using the 5 Practices.

C. Walsh MS 136 NYCDOE Level 6 - 8  
*Binomial Cubes: Moving from the Concrete to the Abstract*

Binomials can be physically represented! Construct & deconstruct an expression with manipulatives that guide students to self-correct. Students can discover and solidify content knowledge. (Lesson easily modified for diverse student needs.)

Will Goss Scarsdale Middle School Level 6-8

Number and Dot Card Talks

The premise of a Number Talk allows students to share their strategies and develop their ability to work flexibly with numbers. In a Dot Card Talk, students view a card with dots on it and share the visual representation which illustrates that there are many different ways people see mathematics.

Jaclyn Greco Saugerties High School Level 8 -10

*Making Meaning in Math*

Participants will explore the introduction of linearity using inquiry based learning to build an understanding of the concept before being taught the formal symbols, vocabulary and definitions.

Paul Alan Pelech Ph. D. Westbury Union Free School District Level Pre Service

*How to Survive Your First Year as a Mathematics Teacher*

Learn what it takes to be at your best during your first year of teaching mathematics from a veteran educator turned supervisor. This hands-on workshop will help you to acquire the skills needed that are not typically taught.

Christian Sherrill Next Gen Personal Finance Level 9 -12

*Math on a Mission: Finance Knowledge for All*

By embedding finance into math class, you'll not only be making math relevant - you'll also be teaching your students lifelong financial skills. We've got Desmos Classroom activities, too!

Jessica Charmont Texas Instruments Level 9 - 12

*Building Math Confidence*

Students need confidence to succeed in Mathematics. In this session, we will explore the features of the TI graphing calculators to do exactly that. Learn tips and tricks that will have your students visualizing the math in ways you never thought.

Jay L. Schiffman Retired (Rowan University) Level General

*Engage in Appealing Problem Solving Encompassing A Dash of Number, Algebra, History, Geometry and Technology*

Participants partake in rich problems selected from various topics and grade bands to view connections in the spirit that good problems do not expire over time. We discuss the roles of Fibonacci, Pythagoras, Cantor, Euclid, and Collatz among others.

Jocelyn Dunnack CPM Educational Program Level General

*Creating Collaborative Classrooms*

Sitting together does not guarantee students will work together. Participants will experience structures and strategies to support collaboration. We will also reflect on how these strategies build trust and social skills to work collaboratively.