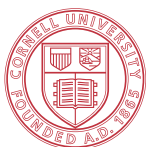


# Mathematics Teacher Professional Development Workshop (virtual)

**March 8, 2025**

Offered by the Cornell University Department of Mathematics as part of MATH 4980/5080, together with the NYS Master Teacher Program & the Teacher Center of Central Westchester



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<b>9:00 – 9:10 am</b>	<b>Welcome &amp; Overview</b>
<b>9:10 – 10:10 am</b>	<b>Questioning in the Math Classroom</b> <b>Kristin LaBeau</b> (No Limits Learning, LLC) Dive into why good questions are the cornerstone to the math classroom. Connecting ideas from <i>Making Thinking Visible</i> and <i>Building Thinking Classrooms</i> to effective questioning, we'll explore how to focus on student thinking and make it the heart of learning. Come away with simple, practical strategies to spark curiosity, get students talking, and build deeper understanding together.
<b>10:10 – 11:25 am</b>	<b>Using Standard Progressions to Construct Student Supports</b> <b>Ben Kirk</b> (TST-BOCES) The NYS Next Generation Math Learning Standards are built on the understanding that certain core ideas are developed incrementally from year to year, and many standards explicitly reference a coherence path with prior and subsequent standards. When a teacher observes a student struggling with a grade-level standard, they can use these coherence paths to construct a plan to guide the student from what they know to what they need to know. In this session, we will explore one of these content progressions and discuss how a series of carefully designed problems could provide the needed bridge to success with grade level content.
<b>11:25 am – 12:25 pm</b>	<b>Personalized and Fun: Math Choice Boards Empower Students to Success!</b> <b>Mark Marino</b> (SUNY-Buffalo) Math Choice Boards are a transformative approach that uniquely caters to each students' preferred learning style and motivation. They provide a diverse range of options for students to demonstrate mastery of the content, cleverly infusing elements of fun and engagement by tailoring the activities to align with the students' individual interests, thus making the learning experience both enjoyable and meaningful.
<b>12:25 – 12:55 pm</b>	<b>Break/Lunch (lunch provided for those attending at SUNY-Cortland)</b>
<b>12:55 – 2:25 pm</b>	<b>Reflections from a NYS Master Teacher</b> <b>Preston Tucci</b> (Selden Middle School) As the world becomes more complex, the need for a better prepared population increases. There is no greater academic endeavor than the vocational mission of teaching our future leaders mathematics-related skills such as observing, measuring, analyzing, and predicting so they can make positive changes in the world. In this session I will share my investigations into curriculum, classroom, and pedagogical designs, which taken together have led me to implement purposeful lessons that develop students' interest, enthusiasm, and understanding of mathematical ideas.
<b>2:25 – 2:30 pm</b>	<b>Closing</b>

- All presentations will be virtual
- For those who wish to learn with others, SUNY-Cortland School of Education Rm. 1101 will be available
- Registration: <https://ecornell.cornell.edu/portal/cornell-math-workshop/>
- Registration Deadline: **March 7 at noon** (if attending virtually); **March 5 at noon** (if attending at SUNY-Cortland)