



LAURIE SPERANZO

Math specialist/PL designer & facilitator

CONTACT

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SKILLS

- Impactful PL design & facilitation
- District leadership development
- Math-focused coaching
- Research-based equitable teaching & learning practices
- Cohesive district planning
- Curriculum writing
- Tiered Instruction/math intervention
- Standards alignment (CCSS, TEKS)
- Continuous Improvement Science
- American Sign Language (ASL)

RESULTS

In 2023, across 7 districts, out of 138 participants the following was reported as "agree" or "strongly agree":

- **96%** - Individual activities and tasks during the session(s) were valuable to my learning.
- **98%** - The content of the session(s) was explored using activities and materials tied to real practice.
- **97%** - As a result of the content of the session(s), I will reflect on and be more deliberate about my instructional/instructional leadership practice.
- **97%** - If I implement the content of the session(s), it has the potential to create more equitable learning and working spaces.

WORK EXPERIENCE

LS Educational Consulting, LLC – August 2024 - present

Institute for Learning, University of Pittsburgh – Math Fellow

June 2012 – August 2024

- Designed and facilitated effective research-based professional learning for teachers, coaches and administrators
- Wrote, tested, revised, and published:
 - classroom tools for teachers and students,
 - curricular materials for Tier 1 math instruction,
 - performance-based assessments, and
 - an intervention program for grade K-Algebra 1
- Researched and wrote tools and online course for math coaches
- Crafted multi-year PL plans for districts/agencies in 15 states
- Lead Designer on \$3.5M MS math Gates Foundation (TX) including consulting with researchers to design, interpret 27 data measures
- Co-designer on statewide IES grant on coaching and a math and science MSP grant
- Managed a team of full and part-time math fellows
- Maintained multi-year contracts with continual increase in revenue

MathPOWER, Northeastern University – Lead Coach, Dir. of Instruction

August 2006 – June 2012

- Coached K-8 math teachers weekly in 6 schools
- Wrote and trained teachers in supplemental math curriculum
- Designed and taught university class in elementary and middle school math teaching and pedagogy
- Developed, oversaw implementation of, and assessed a 5-week summer curriculum for 150+ middle school math students annually
- Managed a team of 5 coaches deployed in a large urban district
- Oversaw the hiring and daily support of 10 middle school teachers and 20 college students each year for 5 years

New York City Board of Education, Region 9 – Math and Science Coach

Science Coach – August 2005 – August 2006

Math Coach - June 2003 – August 2006

- Coached pre-K-12 math teachers in 2 schools
- Designed and facilitated monthly PD workshops
- Conducted cycles of Japanese Lesson Study
- Developed standards-based science curriculum for Deaf students based in the Reggio-Emilia approach

Nashua Public Schools – Classroom Teacher

Broad Street School, Grade 6 - July 1998 – June 2003

Sunset Heights School, Grade 5 – August 1997 – June 1998

EDUCATION

University of Pittsburgh – Ed.D. in STEM Education

December 2024

Rivier University – M.Ed. in Reading

May 2000

Marywood University – B.S. in Elementary Education with a concentration in Deaf Education

May 1997

INVITED SPEAKING ENGAGEMENTS

- 2012 LEAD Conference: "The Demand of the Task Matters: Aiming for High Level Tasks" and "Patterned Ways of Talking", Nashville, TN, October 2012
- 2017 EAPRIL annual conference: "Argumentation and Informal Reasoning in (and out of) the Mathematics Classroom", Hameenlinna, Finland, November 30, 2017
- NSW DOE Mathematics Specialisation K-6 Conference: "The Power and Pattern of Purposeful Questions", Sydney, Australia, September 2023
- NSW DOE Mathematics Specialisation K-6 Conference: "Maths Goals: Instruction's Driving Force", Sydney, Australia, September 2023

PRESENTATIONS

- Bridging the Gap Conference: "Aligning Efforts to Ensure Proficiency for All Learners", Boston, MA, March 2011
- Creating Balance in an Unjust World Conference: "Together We Can: How a Non-Profit Partnered with a School District to Provide Access to Algebra I for All", San Francisco, CA, January 2012
- Bridging the Gap Conference: "Creating Conditions that support Successful Learners: in School and Out-of-School Time", Boston, MA, March 2012
- 2014 National Council of Teachers of Mathematics annual conference: "Assessing Understanding and Advancing Rigorous Thinking of the Common Core through Questioning", New Orleans, LA, April 10, 2014
- 2015 National Council of Teachers of Mathematics regional conference: "Not All Interventions are Created Equal", Nashville, TN, November 2015
- 2016 National Council of Teachers of Mathematics regional conference: "Quick Writes: An Entry Point into Writing in Mathematics", Philadelphia, PA, November 2, 2016
- 2017 National Council of Teachers of Mathematics annual conference: "Productive Math Discussions Don't Happen by Accident!", San Antonio, TX, April 2017
- 2017 National Council of Teachers of Mathematics annual conference: "Leveraging the Math in Science Classrooms", San Antonio, TX, April 2017
- 2017 National Council of Teachers of Mathematics Innov8 conference: "Creating Opportunities for Student Voice & Agency Through Social Justice Mathematics Lessons", Las Vegas, NV, November 2017
- 2018 National Council of Teachers of Mathematics annual conference: "Learning from Students: Building Teacher Content Knowledge", Washington, DC, April 2018
- 2019 National Council of Teachers of Mathematics annual conference: "Coaching: How deep is deep enough?", San Diego, CA, April 2019
- 2019 National Council of Teachers of Mathematics annual conference: "Asset-Based Intervention: Starting from Student Strengths to Finish Unfinished Learning", San Diego, CA, April 2019
- 2023 National Council of Teachers of Mathematics annual conference: "The Power of the 5 Representations for Students Who Are Learning English", Washington, DC, October 2023
- 2023 National Council of Supervisors of Mathematics annual conference: "Empowering Students Who Are Learning Math While Simultaneously Learning English", Washington, DC, October 2023

PUBLICATIONS

- Stein, M.K, Russell, J., Bill, V., & Speranzo, L. (2018). Relationship of coach-teacher planning sessions to the quality of mathematics lessons. Paper presented at the annual meeting of the *American Education Research Association*. New York City. (presentation)
- Speranzo, Laurie & Tillema, Erik (2019). Voice and Agency: Specific teacher moves and lesson planning can facilitate student empowerment in the middle school classroom. *Mathematics Teaching in the Middle School*. 24 (7). 400-407.
- Russell, J. L., Correnti, R., Stein, M. K., Thomas, A., Bill, V., & Speranzo, L. (2020). Mathematics Coaching for Conceptual Understanding: Promising Evidence Regarding the Tennessee Math Coaching Model. *Educational Evaluation and Policy Analysis*, 42(3), 439–466.
- Speranzo, L. & Klingensmith, K. (December 1, 2020). Using 4 Learner-Centered Routines to Build Positive Math Identity in Equitable Classrooms. *Bridges to Learning*. [Using 4 Learner-Centered Routines to Build Positive Math Identity in Equitable Classrooms - Bridges to Learning \(pitt.edu\)](https://www.pitt.edu/bridges-to-learning/using-4-learner-centered-routines-to-build-positive-math-identity-in-equitable-classrooms)
- Stein, M. K., Russell, J. L., Bill, V., Correnti, R., & Speranzo, L. (2022). Coach learning to help teachers learn to enact conceptually rich, student-focused mathematics lessons. *Journal of Mathematics Teacher Education*, 25(3), 321–346.
- Speranzo, L. (January 4, 2022). Are You "Wishing" Math Content Knowledge Into Your Students? 6 Questions to Ask Yourself to Find Out. *Bridges to Learning*. [Are You "Wishing" Math Content Knowledge Into Your Students? 6 Questions to Ask Yourself to Find Out - Bridges to Learning \(pitt.edu\)](https://www.pitt.edu/bridges-to-learning/are-you-wishing-math-content-knowledge-into-your-students-6-questions-to-ask-yourself-to-find-out)