

Remembering:



Margaret Ashida

New York State Footprint

NYS STEM Education Collaborative

Mission: To define and promote the scope and integration of STEM education as a statewide and national model.

Association of Math Teachers of NYS, NYS Society of Professional Engineers, NYS Technology and Engineering Educators Association and Science Teachers Association of NYS work collectively and collaboratively to deliver STEM Education in the spirit and vision of New York State's MST Frameworks and Learning Standards. We take this approach to skillfully and completely address the concerted state and national cry for STEM Literacy.

Empire State STEM Learning Network

Empire STEM is a statewide, community-led collaborative. The Network's mission is to advance STEM education to prepare all students for success in school, work and life to fuel innovation and economic vitality in the Empire State.

"STEM education" refers to the interdisciplinary teaching and learning of science, technology, engineering and mathematics, to a level of rigor sufficient to produce critical thinkers and problem solvers across all fields of endeavor who can thrive in the 21st century economy.

National Footprint

STEMx

The STEMx™ network is a multi-state STEM network developed for states, by states. This grassroots movement provides an accessible platform to share, analyze and disseminate quality STEM education tools to transform education, expand the number of STEM teachers, increase student achievement in STEM and grow tomorrow's innovators.

The network is currently composed of 19 state STEM networks, many of which have been working side-by-side for several years.

TIES

The Teaching Institute for Excellence in STEM education is the country's foremost innovator bringing STEM School design, STEM curriculum, and STEM instructional support to schools, districts, states and the federal government. TIES design teams work to create and build the finest STEM schools throughout the country. TIES recognizes the importance of school design and STEM professional development for all teachers as the basis to improve and advance the character of science, technology, engineering and mathematics teaching for students regardless of grade level. TIES understands the need to shift the teaching of STEM education to focus less on fragmented and isolated bits of discrete information and more on scientific understanding and reasoning. STEM education is trans-disciplinary in nature offering students the ability to use project-based learning to address real-world issues that affect their family, their community and their world. TIES works with regional and state economic development organizations to fuel STEM education curriculum and instructional program development for the benefit of all. Our students are digital natives and TIES works to ensure that the Technology and Engineering in STEM drive the relevance of the Science and Mathematics.

Resources

Memorial Videos (2015): <http://nysstemeducation.org>

Margaret's NYS STEM ED. Collaborative Keynote 2010: <http://nysstemeducation.org/recordings.html>

Scaling STEM | Jan Morrison and Margaret Ashida March 2014: https://www.youtube.com/watch?v=YMOF_TLWtnQ
Session 903 at the U.S. News STEM Solutions Conference in Austin, Texas (2013):

<https://www.youtube.com/watch?v=70sWuPn8InA>

