

**Science, Technology, Engineering and Mathematics
New York State STEM Education Collaborative**

STEM Education Collaborative Members

Association of Math Teachers in New York State (AMTNYS); American Society of Engineering Education (ASEE); New York State Society of Professional Engineers (NYSSPE); New York State Technology Education Association (NYSTEA); Science Teachers Association of New York State (STANYS).

Mission Statement

To define STEM and the STEM disciplines in a fashion that will serve as a model for New York State and throughout the nation.

AMTNYS, ASEE, NYSSPE, NYSTEA and STANYS will work collectively and collaboratively to deliver STEM Education in the spirit and vision of the NYS MST Frameworks and Learning Standards. We must take this approach to skillfully and completely address the concerted state and national cry for STEM Literacy.

Overarching Goals

- To transform the MST Learning Standards into an effective and meaningful STEM Education Learning Standards delivery.
- To explore the possibility of holding a mutually supported STEM Education Collaborative Conference or Symposium by 2010 that will encourage and facilitate the sharing of successful and innovative classroom STEM practices by presenters representing AMTNYS, ASEE, NYSSPE, NYSTEA and STANYS.
- To carry forward our NYS STEM Education Collaborative foundational work with enlightening debate and constructive discussions through various means of communication and a (yet to be determined) conducive timeframe.
- To work together to ensure that accepted research and practice based STEM principles are applied in the development of revised or new MST Standards.
- To mutually support, connect and strengthen science, technology, engineering and math P-16 instruction. All three disciplines would still maintain their separate learning standards, integrity, scope and depth but would be delivered within a cross connected methodology.
- To influence support funding, school policy, teacher training and preparation methods, with our mutually envisioned STEM Education approach.
- To foster the modification of existing assessments, with changes in written language and references, to bring about STEM connections, without changing the primary purpose and thrust of each.

STEM Collaborative Contacts

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