



Salvadori Center

Education and the Built Environment

The Salvadori Center prepares teachers to unlock the math and science embedded in the structures that surround us. We inspire students and their teachers to use the wonder, beauty, and logic of our built world as a foundation for learning.

2010-2011 Program Offerings

PROFESSIONAL DEVELOPMENT FOR EDUCATORS - Teacher education initiatives, from three-day Institutes to targeted workshops to focused preparation through our "Practical PD" program, helps educators develop project-based lesson plans specific to their curriculum.

THE GLOBE PROGRAM - GLOBE [Guided Learning through Our Built Environment], is an innovative 3-year residency in selected New York City public schools. It integrates Salvadori's interdisciplinary project-based pedagogy through on-site lesson modeling, curriculum development, and teacher mentoring by Salvadori educators.

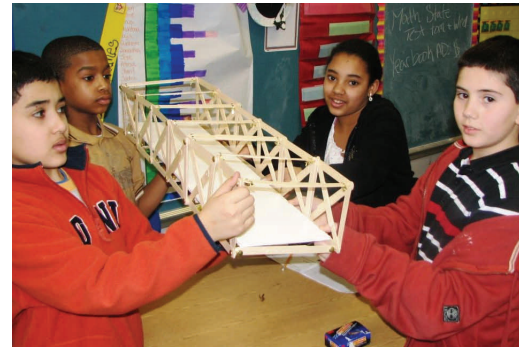
THE LEAD PROGRAM - With LEAD [Learning through Engineering, Architecture and Design], the Center offers shorter-term opportunities for public and private schools in the New York area: 8-session units on bridges, skyscrapers, my community, green design, and many other topics.



Two budding architects

THE B.R.I.D.G.E.S. PROGRAM - [Build Research Invent Design Grow & Explore through Science] - Real-world projects give 8-12 year olds enrolled in New York City Housing Authority after-school programs fun and engaging experiences with science, engineering, mathematics, design, and technology. Funded by the National Science Foundation.

CHARRETTE - In June, as a culminating activity for Salvadori schools, 100 students participate in an all-day design challenge. Working with architects and engineers from leading firms, students conceive, design, build, and present models to their peers. Challenges range from creating an eco-village of tree houses to redesigning Times Square.



Building Bridges



Testing beam strength



Constructing geodesic domes



Doing calculations in a workshop for teachers

Our Philosophy

Mario Salvadori, a world-renowned structural engineer and Columbia University professor of engineering and architecture, founded the Salvadori Center in 1987. He believed that the built environment contains the essential knowledge that a person needs to be a life-long learner and an informed, active member of society. Salvadori students experiment with forces, build model bridges, map neighborhoods and design future cities. They learn to work collaboratively, write persuasively, debate proposals and present their ideas effectively.

Contact Information

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