Curriculum and Community Enterprise for Restoration Science in New York Harbor

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1. Design Educational Models incorporating CITIZEN SCIENCE Design Multifaceted Integrated Citizen Science through Environmental Restoration with Student Field Research and Inquiry Learning
Citizen Science through Environmental Restoration New York Harbor New York
2. Create and Maintain Globally Focused Partnerships

Establish Global Alliances and Collaborative Partnerships
Leveraging with affiliates in the private and public sectors
3. ESTABLISH REPLICABLE EDUCATIONAL MODEL

Designing an Effective and Efficient Environmental Restoration Model
Curriculum and Community Enterprise for Restoration Science Model
Evaluation & Research

NYC students restore local environment as they learn STEM-C

Core STEM-C content knowledge surrounds students via partnerships

Sustain and expand local educational model. Replicate in other environments

Trying to build scalable curriculum for middle school students that revolves around restoration based science and education using experiential methods to actually make a difference in the community the students live in. (Partner 4)

Although each of those pillars is independent, they all have a common vision and common goals ... Everyone seems to be working in unison to get to those goals. (Partner 15)

Eventually the idea is to broaden this out to other environments and systems. So that students know more about the environment they are living in, its history and how they can look after it. They can teach others as well. (Partner 11)
Grazie! Lauren Birney lbirney@pace.edu Pace University