



THE STATE EDUCATION DEPARTMENT / THE UNIVERSITY OF THE STATE OF NEW YORK / ALBANY, NY
12234

OFFICE OF CURRICULUM AND INSTRUCTIONAL SUPPORT
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2009-2012 Learning Technology Grant Program Abstract

(Abstracts are posted as submitted by the LTG award winners)

School District or BOCES Name: NYC DOE Community School District 7, MS 224, MS 223 and Immaculate Conception School		
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Learning Technology Grant 2009-12 Abstract

MS 224, MS 223 and Immaculate Conception School in District 7 are pleased to collaborate on a project entitled *Re-Imagining the South Bronx: A Readiness Plan for 2030*. This project will create a plan for our neighborhood to meet the goals outlined in New York City Mayor Michael Bloomberg's PLANYC 2030. PLANYC 2030 is a strategic initiative to prepare New York City for the challenges of the coming quarter century in six key areas (water, climate change, air, land, energy and transportation), with two areas studied in depth each year.

The hardware and professional development requested in this grant will allow this project to come alive. The interactive whiteboards, wireless remote devices, netbooks and document cameras in year one will create mini labs that will allow students to build their basic knowledge of the content in a fast paced engaging environment. In year two, digital video recorders, microphones, headsets and laptops with video editing software will be utilized by teachers and students to conduct research in and out of the classroom and create podcasts, video logs and digital public service announcements. In year three, students and teachers will use mobile computers to create websites that will educate the public about their area of study and advocate for a position that will be pursued through an action plan using social media to effect change.

A team of three teachers from each school will collaborate monthly with the purpose of deepening their knowledge of the resources and connecting with one another about how their students engage in an interdisciplinary, authentic learning experience. Each teacher will create a learning experience based on his or her work that will follow the Peer Review protocol in order to constantly improve instruction and student mastery of the NYS Learning Standards.

This opportunity will allow us to leverage our schools' current technology capacities and our development of teacher leaders across the community of schools. As a result of this project, students will increase their achievement in math and science, improve their attendance, meet with professionals in high tech careers, learn about and interact in virtual spaces, and have an increased understanding of career and educational opportunities in the fields of math, science, urban planning and technology.