

**2012-2015 Learning Technology Grant Program
Abstract**

(Abstracts are submitted by the LTG award winners)

New York City Community School District #20 is seeking a Learning Technology Grant (LTG) for Fort Hamilton High School to collaborate with two non-public schools (Fontbonne Hall Academy Grades 9-12 and Dimitrios and Georgia Kaloidis Parochial School - Grades K-8), on the integration of blended learning environments into traditional classroom instruction. The Project Mapping Instructional Technology (Project Map IT) will establish a core of computationally literate teachers who are able to integrate the most innovative strategies of blended learning to align instruction in all content areas to real world scenarios. Teachers will create a repository of online instructional resources that will be used within and across schools, and will be available to students on a dedicated virtual learning platform.

Teachers will participate in ongoing professional development offered from New York Institute of Technology and the NYC Afterschool Professional Development Program in the use of technology that engages students in learning and has the potential to improve academic performance. This model of teaching lends itself to ease of differentiation and addresses the specific learning needs and styles of all students, to include student with disabilities and English language learners. Teachers will create blended learning units of study that enhance both synchronous and asynchronous instruction. Effective implementation of project objectives will increase learning time for students, differentiate instruction, increase student engagement in learning, and provide students with the skills and knowledge to be college and career ready.

To accomplish Project Map IT goals, teachers and school library media specialists will participate in train-the-trainer professional development offered by New York Institute of Technology (NYIT). Working with NYIT trained teachers (core training team), school-based teachers will participate in PD modules to learn to create, implement and assess blended learning units of study that connect content area instruction to real world scenarios via project-based learning. NYIT trained teachers will provide the professional development and support throughout the funding period to train, mentor, and support teachers in the development and implementation of blended learning environments into traditional classroom instruction.