

## Proposal Abstract

**Grade Level Targeted:** The project will focus on grade levels K-5. Genesee Elementary School; a focus school, will be the primary focus of the Auburn Enlarged City School District Learning Technology Elementary Program. The grant will also serve the Casey Park, Herman Avenue, Owasco, and Seaward Elementary Schools, which are all also, focus schools. The project will serve two private schools.

**Activities:** Genesee Street Elementary School will identify seven technology integration mentors (one per grade level), a staff developer, and one school library media specialist. The seven technology integration mentors and one staff developer will participate in a sequence of professional development to include the Learning Technology Master Trainers course training through the University of Rochester, Warner School of Education. Dr. David Miller of the Warner School will also provide two days of onsite mentorship each year to our technology integration mentors. Each grade level technology integration mentor will provide mentorship to teachers on technology integration, to include project-based learning, flipped classrooms, and blended learning during afterschool training sessions. Mentors will also work with each teacher on a project to develop a technology integrated lessons. The technology integration mentor will provide (unevaluated) observation and feedback to the teacher.

### **Purpose/Objectives/Intended Results:**

- A district committee will develop a process for curriculum review in order to ensure quality alignment and implementation of curriculum to improve student achievement as evidenced by consistent use of district-wide curricular documents to include the integration of technology (Tenet 3.1) by June 2016.
- 75% of teachers will use instructional strategies that motivate and engage all students in high-level cognitive activities that reflect instructional outcomes, 21st Century Skills, and are differentiated, as appropriate, for individual and diverse learners by June 2018 (Tenet 3.4).
- Genesee Elementary School will increase student achievement in ELA and Math by 8 percentage points by June 2018.
- At least 75% of teachers will use available technological tools and communication strategies to engage each student. Teacher's knowledge of 21<sup>st</sup> Century Skills is current and embedded in the communication strategies. Students contribute to the variety of technological strategies used to engage them in their own learning and become critical users of quality information (2011 NYSUIT Rubric 1.6) by June 2018.
- At least 80% of teachers will provide guidance to students to use technology, including the Internet, to produce writing as well as to interact and collaborate with others (NYS CCLS W.4.6.) by June 2018.
- At least 80% of teachers will facilitate students in integrating multiple sources of information presented in diverse formats and media in order to make informed decisions and solve problems, evaluate the credibility and accuracy of each source and not discrepancies among data (NYS CCLS SL.11-12.2) by June 2018.
- At least 80% of teachers can assist students to evaluate the advantages and disadvantages of using different mediums (NYS CCLS RI.8.7.) by June 2018.
- At least 80% of teachers can help students make strategic use of digital media in lessons to enhance understanding of findings, reasoning, and evidence, and add interest (NYS CCLS SL.11-12.5) by June 2018.
- At least 80% of teachers will use lessons that contain effective technology integration that allow students to learn, practice, and demonstrate their level of technology skills by June 2018.