

## Proposal Abstract

**Lead Applicant:** Groton Central School District

**Focus School:** Groton Elementary School, Pre-Kindergarten through grade 5

**Activities:** The Groton Central School District, Groton Elementary School Learning Technology Project will focus on the NYS Learning Standards (including Common Core) for English Language Arts and Literacy in History/Social Studies, Science, and Technical Subjects K-5; and Mathematics - Kindergarten through Grade 5. The project will train and provide two Learning Technology coaches who will receive training from the University of Rochester, Warner School and WFL BOCES EduTech. The coaches will work with teachers to develop their skills. Every teacher will also receive a robust set of professional development. The project will develop skills in teachers to use technology to foster student critical thinking, communication, collaboration, and creativity. The project will provide teachers and librarians with professional development, coaching, and technology that will allow them to optimize instruction delivery to learners with a variety of learning needs. These proposed activities will provide our teachers and librarians with the skills, resources, and support to provide students with learning experiences that are personalized, adaptive, and self-improving. This application along with our revised Technology Plan will include the three major themes of the Statewide Learning Technology Plan including: ensuring access to learning opportunities and instructional materials through digital content, ensuring teacher and leadership training and professional development to transform learning and teaching as demonstrated by our robust learning technology professional development plan, and connecting all of USNY around the vision for learning technology; as demonstrated by our integration and expansion of technology and our proposes robust professional development program.

**New York State Learning Standards:** The project will integrate and align with the New York State Learning Standards including Common Core through the following objectives:

- Students in grades 1-5 will increase their ability to read and comprehend complex literary and informational texts independently and proficiently (NYS CCLS R.10) by 13% by June 2018.
- At least 75% of teachers provide guidance to students to use technology, including the Internet, to produce writing as well as interact and collaborate with others (NYS CCLS W.4.6.) by June 2018.
- At least 75% of teachers facilitate students' abilities in integrating multiple sources of information presented in diverse formats and media in order to make informed decisions and solve problems, evaluating the credibility and accuracy of each source and noting discrepancies among data (NYS CCLS SL.11-12.2) by June 2018.
- At least 75% 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 75% 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.

**Student Achievement Objectives:**

- Increase the percent of grade 3-5 students who are proficient (level 3 and 4) in literacy by 15% by June 2018.
- Students in grades 1-5 will increase their ability to read and comprehend complex literary and informational texts independently and proficiently (NYS CCLS R.10) by 13% by June 2018.
- Increase the percent of grade 3-5 students who are proficient (level 3 and 4) in Math by 11% by June 2018.