

Milford Central School District Smart Schools Investment Plan (SSIP)

Total Milford Central School District Smart Schools Bond Act Allocation: \$499,549
Smart Schools Investment Plan **Application #1: \$145,838**

Smart Schools Bond Act

“The Smart Schools Bond Act was passed in the *2014-15 Enacted Budget* and approved by the voters in a statewide referendum held during the 2014 General Election on Tuesday, November 4, 2014. The Smart Schools Bond Act (SSBA) authorized the issuance of \$2 billion of general obligation bonds to finance improved educational technology and infrastructure to improve learning and opportunity for students throughout the State. The SSBA requires that a Review Board review and approve districts’ Smart Schools Investment Plans before any funds may be made available for the program.” http://www.p12.nysed.gov/mgtserv/smart_schools/

SSIP Overview

District Instructional Technology Plan Survey

The Milford Central School District has an approved District Instructional Technology Plan survey on file with the New York State Education Department in compliance with Section 753 of the Education Law and per Part 100.12 of the Commissioner’s Regulations. You may find the school’s technology plan and other technology related information on the school’s website on the Technology Department’s webpage.

Smart Schools Investment Committee

Between December 2015-February 2016, parents, teachers, students, community members, other stakeholders and Springbrook (nonpublic school located in the district) were invited to consult on the planning process as pursuant to the requirements of the Smart Schools Bond Act. The Committee formed included the school’s technology committee of four teachers, one administrator, and two media specialists, and a community group of parents and students.

The committee reviewed the Smart Schools Bond Act, school Technology plan and budgets, identified district technology strengths and needs, and prepared the preliminary plan.

Total estimated number of students and staff that will benefit from the SSIP: 480

Smart Schools Investment (Anticipated) Timeline

November 2015-March 2016 SSIP Community Consultation
March 10, 2016 Preliminary Smart Schools Investment Plan approved by BOE
April 14, 2016 Public hearing to present Preliminary SSIP
April 14, 2016 Final SSIP anticipated approval by BOE
April 15, 2016 SSIP submitted to the State Education Department (anticipated)

Technology Infrastructure

The District currently exceeds the Federal Communications Commission’s minimum speed standard of 100 Mbps per 1,000 students with 1 Gbps (1,000 Mbps) for a student population of 408. The District’s current Wi-Fi network has sufficient bandwidth to meet projected user demand.

Preliminary Smart Schools Investment Plan #1

Classroom Learning Technology

The Milford Central School District’s Smart Schools Investment Plan’s first application will focus on the enhancement of classroom technology. The following budget outlines the purchases of technology that are compatible with existing platforms as proposed by the SSIP Planning Committee.

Classroom Learning Technology	
\$145,838	
Interactive Projection Technology	\$48,405
Chromebooks	\$17,700
Desktop/Laptop Computers	\$51,435
Computer Servers	\$13,042
Assistive Technology/Other	\$15,256

Classroom Technology Purchases will:

Enhance Differentiated Instruction

Chromebooks and Interactive Projection Technology will provide different students with different avenues of learning. Google offers schools a free, secure, hosted solution for teachers and students to collaborate. Once teachers and students login, they have access to a variety of Google applications, including word processing, spreadsheet, and publishing applications. Google Apps offers a variety of educational tools that can be used by teachers and students.

Interactive Projection Technology allows students to explore lesson content, create and deliver presentations, and play education games that are student centered and collaborative. They offer different strategies and approaches for differentiating instruction.

Expand Student Learning Inside and Outside the Classroom

A 1-1 Chromebook initiative allows for students to learn inside and outside the classroom. Students can “share” their homework with their teacher, and the teacher can correct and return it without printing a page! Another exciting feature for students is the capability to work on the same project at the same time with any other student or teacher. This may be done at any location.

Benefit Students with Disabilities and English Language Learners (ELL)

Chromebooks are an excellent assistive technology that offer apps and extensions that provide support for students with learning disabilities and ELL students. There are screen readers, text-to-speech and speech-text, screen magnification, curriculum resources, and many collaboration tools offered through the use of Chromebooks.

Sound Amplification Systems and “Smart” pens that record the teacher while the student is taking notes offer other forms of assistance for students with disabilities and ELL students.

Contribute to the Reduction of other Learning Gaps that have been Identified by the District

The Technology Committee meets at least four times per year and includes the: Technology Director, Chief Information Officer, Grant Writer, Principal, a teacher from the Elementary, Middle School, and High School, and the Library Media Specialist. The technology plan's future goals reflect commitment, and show a collaborative, district-wide effort to improve communication, professional development, and integration of technology to close the achievement gap. The district has shown an interest in increasing its role in the community, and now has a district website and school-based email system for more effective communication with other schools and the community at large. Most importantly, the district goals now reflect direct student improvement initiatives, based on the schools CDEP (Comprehensive District Education Plan).

The District has identified the following technology gaps and plans to use utilize Smart Schools funding to fill its technology needs. This will allow the District to focus other resources on professional development and staffing gaps.

- Device Gap (laptops/desktops/chromebooks/Interactive Projection Technology older than five years)
- Professional Development (use of technology)
- Staffing (technology management/assistance)
- Other (integrated security system)

Blended Learning Enhancement

The technology purchased through Smart School's funding will enhance the two Distant Learning rooms in the building that offer shared classroom teaching and college level courses. Through the added use of the Chromebooks, virtual Google classrooms are set-up allowing for online learning and flipped classrooms.

Professional Development Plan Alignment

The Milford Central School District is committed to professional development. The 2015-16 Professional Development Plan's third goal is to improve/increase classroom technology integration via five technology mini-workshops and/or one-to-one instructional sessions with Media Specialist.

A technology professional development plan is outlined in the school's technology plan.

Innovative Use and Best Practice Outreach

The State University at Oneonta teacher preparation program was contacted in January 2016 to request advice on innovative uses and best practices at the intersection of pedagogy and educational technology. Collaboration will continue during planning and implementation.

Nonpublic School Outreach

N/A - No nonpublic schools requiring outreach in the District.

Sustainability Plan of Technology Purchases

The following sustainability plan is in place to ensure technology purchases made with Smart Schools funds will be maintained and replaced as needed and according to the technologies lifecycle. The plan demonstrates the district has the capacity to support device management, technical support, Internet wireless fees, maintenance of hotspots, staff professional development, building maintenance, and the replacement of incidental items.

The Milford Central School District has one FTE and .4 FTE Media Specialist that will ensure device maintenance, technical support, and professional development opportunities are available.

Five-year MCS Technology Sustainability Plan						
Description	Budget	Year 1	Year 2	Year 3	Year 4	Year 5
Software	\$6,036	\$6,036	\$6,036	\$6,036	\$6,036	\$6,036
Supplies	\$7,000	\$7,000	\$7,000	\$7,000	\$7,000	\$7,000
Contractual/Prof. Dev.	\$9,500	\$9,500	\$9,500	\$9,500	\$9,500	\$9,500
Computer Equipment/Inst. Tech Service- BOCES (see detail below)	\$45,900					
Interactive Projection Technology (2-3 replacements annually)		\$10,128	\$10,128	\$10,128	\$10,128	\$10,128
Chromebooks (approx. 66 replacements annually)		\$21,450	\$21,450	\$21,450	\$21,450	\$21,450
Desktop/Laptop Computers (8-10 replacements annually)		\$8,550	\$8,550	\$8,550	\$8,550	\$8,550
Servers/Assistive Tech/Other		\$5,772	\$5,772	\$5,772	\$5,772	\$5,772
Total	\$68,436	\$68,436	\$68,436	\$68,436	\$68,436	\$68,436

Inventory and Maintenance

The Milford Central School District has an up to date technology inventory tagging system including funding source documentation and will continue to inventory all classroom technologies purchased through the Smart Schools Bond Act in accordance with generally accepted accounting principles.

Please direct questions or comments to:

Milford Central School District
Peter N. Livshin
42 W. Main St.
Milford, NY 13807