



179 East Lake Boulevard, Mahopac NY 10541

SMART SCHOOLS INVESTMENT PLAN Fourth Submission

PLAN OVERVIEW:

In January 2014, Governor Andrew M. Cuomo called for New York State to invest \$2 billion in its schools through a Smart Schools Bond Act (SSBA). Voters approved the Smart School Bond Act in November 2014 and as a result the Mahopac Central School District (MCSD) was allocated to receive \$3,181,109. In alignment with the Mahopac CSD Technology Plan for 2015-2108, this Investment Plan is designed to:

- Upgrade/Expand wireless infrastructure
- Upgrade/Expand network infrastructure
- Expansion of security cameras
- Installation of electronic access doors
- Expansion of end users instructional devices throughout district

Working in collaboration with District leadership, school building administrators, teachers and input from parents our technology plan survey provided the overarching goals for technology in instruction for the Mahopac Central School District. The investment in Instructional Technology is in alignment with the goals expressed in our NYSED approved Technology Plan Survey.

JUSTIFICATION OF NEED:

Our technology plan identifies gaps in infrastructure that need to be addressed in order for the expansion of instructional technology to occur. Using some of the allocated SSBA funds, we were able to upgrade some of the IT infrastructure that was approaching end-of-life and was needed to be upgraded to be able to accommodate the rapid growth of instructional technology needs in the classroom. In conjunction with the infrastructure upgrade the end-user devices will enhance and expand the offering of instructional technology based on the needs of the students for classroom instruction districtwide.

PRECONDITIONS:

As per NYSED Smart Schools Bond Guidance a precondition to utilize the incoming funding is that the district has adequate internet access of at least 100 Mbps per 1,000 students to supply for the increased number of devices in the classrooms. Mahopac Central School District meets and exceeds this requirement.

This Smart Schools Investment Plan is in direct alignment with our NYSED approved Technology Plan Survey 2015-2018 Vision and Goals for Technology for Instruction.

PURCHASE PLAN:

Our fourth submission of the SSIP will relate to investing on Classroom Technology for students. The District plans to purchase approximately 2470 Acer Flip and Touch Chromebooks (or a comparable device after approval by NYSED and the Smart Schools Review Board). The ACER Chromebook has new beefy hinges to support the full screen swivel. The display is at least 1366x768 LCD 10-point touch screen, and it's powered by a Chromebook-standard Intel processor (N3150), with 4GB of RAM and at least 16GB of storage. There's also an HDR-capable webcam, 802.11ac Wifi and USB 3.0 ports on board.



After conversations with the Non-Public School in our district, the district will purchase a Chromebook cart, 2 Interactive Whiteboards, Printers, and some instructional technology devices (ie: USB Digital Microscopes, Ozobots, Programmable Robots) to provide to the Non-Public School based on SSBA requirements.

PLAN GOALS:

The purchase of these 2470 new Chromebooks will significantly increase student access to technology, online access, and collaborative student-centered learning opportunities. By embedding technology into the delivery of instruction the District can continue to provide equitable access to technology tools to prepare all learners to be college and career ready. The District continues to develop and integrate K-12 students' technical competencies and learning strategies that seamlessly integrate ISTE Technology Strategies, National Common Core Standards for K-12 and College and Career Readiness.

The State Education Department is moving towards mandated online testing of math and ELA state exams. Consequently, the District needs to work toward becoming compliant with pending computer based testing (CBT) requirements. The District's overall expenditure plan will help us to meet this mandate.

ALLOCATION OF FUNDS:

TABLE 1: SSBA Allowable Expenditures

SSBA Allocation: \$3,181,109 by Budget Category

SSBA BUDGET CATEGORY	ALLOCATIONS
School Connectivity	
Connectivity Projects for Communities	
Classroom Technology	\$899,400
Pre-Kindergarten Classroom	
Replace Transportable Classroom	
High-Tech Security Features	
Total Fourth Submission	\$899,400
First Submission	\$186,538
Second Submission	\$673,061
Third Submission	\$196,704
Unallocated Funds	\$1,225,406
TOTAL ALLOCATION	\$3,181,109

Table 2. Classroom Technology Budget Allocation:

Category	Sub-Allocation
Interactive Whiteboards	\$ 4,948
Computer Servers	0
Desktop Computers	0
Chromebooks	\$ 889,200
Tablet Computers	0
Other Costs	\$ 5,252
Sub-Total	\$ 899,400

PROFESSIONAL DEVELOPMENT:

The District recognizes the importance of ongoing and sustained professional development for staff and students and subscribes to the LHRIC (Lower Hudson Regional Information Center) Model Schools/Emerging Technologies Services. This contracted service, along with in-district professional development offerings, allows specialists to work with teachers in our schools throughout the school year. These specialists will work collaboratively with teachers in and out of the classroom, employing new pedagogy and strategies, such as but not limited to, the SAMR Model (Substitute Augment, Modify and Redesign) which is a technology education framework to help teachers integrate technology into the curriculum. These efforts will ensure all our teachers, school administrators and staff to best utilize these new technologies for instructional purposes.

SUSTAINABILITY:

The District will integrate the Smart Schools Bond purchases into the existing district's equipment replacement cycle. Each year the district allocates funds for the normal repair cost of a percentage of the total learning devices in the district. In addition, we have contracted with our BOCES/LHRIC for ongoing technical support for our IT Infrastructure and devices. The district and the BOE make every effort to provide sustainability of the investment in technology for instruction including IPAs with NYSED which provides financing for instructional technology equipment and infrastructure through a multiple year purchase agreement.

TIMELINE:

The district will take the opportunity to make multiple submissions to the State Education Department SSBA Program for our SSBA Allocation and Projects. Once the **Investment Plan** is approved by the State, equipment will be purchased in accordance with the District's purchasing policy. The district will include this new equipment in its existing inventory database and monitor it to ensure equipment is securely maintained and supported at its designated locations.

This document has been posted to the District's website as required by the Smart School Bond Implementation Guidance by the New York State Education Department in order to invite public input prior to the adoption of this plan by the Mahopac Central School District Board of Education. Public input can be submitted to the following e-mail address:

smartbondfeedback@mahopac.k12.ny.us