



SMART SCHOOLS PRELIMINARY INVESTMENT PLAN SECOND SUBMISSION

July 2017

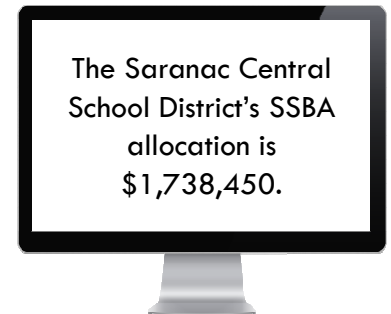
Saranac Central School District



What is the Smart Schools Bond Act?

- ❑ In November 2014, New York State voters approved the Smart Schools Bond Act (SSBA) to invest \$2 billion to finance educational technology and infrastructure.

- ❑ The purpose of the bond is to improve learning and opportunity for students throughout the state by funding projects to:
 - ❑ Install high-speed broadband or wireless connectivity for schools and communities;
 - ❑ Acquire learning technology equipment or facilities;
 - ❑ Construct, enhance, and modernize educational facilities to accommodate pre-kindergarten programs and to provide instructional space to replace classroom trailers; and/or
 - ❑ Install high-tech security features in school building and on school campuses.





SSBA First Submission

- ❑ Our initial Smart Schools Bond Act Investment Plan was approved on 7/14/2017 for \$531,419.
- ❑ With this approval, we are beginning work on the following:
 1. **School Connectivity** – upgrade/expand network and wireless infrastructure to provide increased access throughout the schools. This includes network switches, wireless access points, fiber and cabling.
 2. **High-Tech Security** – Security cameras, NVR servers, and door hardening projects
 3. **Classroom Technology** – 139 laptop computers, mobile carts, WiDi devices



SSBA Second Submission Plan

Justification of Need

With the approval of our SSBA First Submission Plan to upgrade our network/wireless infrastructure, the next submission is the purchase of end-user devices that will enrich and expand the availability of instructional technology for student learning throughout the district.

Preconditions

As a precondition for purchasing new devices as part of the Smart Schools Bond Act, the district must meet or exceed 100 Mbps per 1,000 students. Based on the district's student population we must have at least 145 Mbps. The district's internet speed as of July, 2017 is 200 Mbps which exceeds this requirement.

This Smart Schools Investment Plan is in direct alignment with our NYSED approved Technology Plan Survey.



SSBA Second Submission Plan

Purchase Plan

This second submission will be related to classroom learning technology. The purchases will be rolled out over the course of a few years.

The District plans to purchase 990 laptop style devices for grades 3-12. The District will also be purchasing 17 charging stations for some of the classrooms as well as 18 charging carts to secure and charge the devices while school is not in session.

The District plans to purchase 350 tablets for use in the primary classrooms (grades K-2). 18 charging stations will also be purchased for the tablets.

The District plans to equip each of the 116 classrooms with WiDi devices. In addition, 180 teacher laptop devices will be purchased.



SSBA Second Submission Plan

Plan Goal

The purchase of the tablets and laptops will increase student access to technology and online resources while providing 21st Century learning opportunities. By putting the devices into the hands of students the District can continue to provide equitable access to technology tools and prepare our students to be college and career ready. The District continues to develop and integrate learning strategies based on National Common Core Standards, NYS Learning Standards, College and Career Readiness and ISTE Technology Strategies.



SSBA Second Submission Plan

Professional Development

The District recognizes the importance of ongoing and sustained professional development. The District is committed to ongoing PD by providing opportunities for teachers to participate in trainings, workshops, conferences, and courses to integrate technology and employ new pedagogies and strategies into their instruction. The District also subscribes to NERIC's Model Schools. Other opportunities for PD include the North Country Teacher Resource Center and SUNY Plattsburgh.

Sustainability

The District will integrate the Smart Schools Bond purchases into the existing equipment replacement cycle. The District makes every effort to provide sustainability of the technology investments.

Timeline

The District is taking the opportunity to make multiple submissions to SSBA. Once this SSBA Investment Plan is approved the equipment will be purchased in accordance with the District's purchasing policy. All new equipment will be entered into our existing inventory database and monitored to ensure it is securely maintained.



Process for Procuring Funds SSBA Investment Plan Second Submission

- ☑ Identify needs.
- ☑ An Instructional Technology Plan must be submitted and approved by NYSED (Approved 6/8/16)
- ☐ Preliminary Investment Plan approved by BOE (7/24/17)
- ☐ District must post Preliminary Plan for 30 days for public feedback (7/24/17)
- ☐ Public Hearing on Investment Plan (10/2/17)
- ☐ Final Investment Plan approved by BOE and posted on website (10/3/17)
- ☐ District submits Final Investment Plan for NYSED approval (10/3/17)



Saranac Central School District SSIP

Public input is welcome. Please send comments to: SSIPfeedback@saranac.org