

Sewanhaka Central High School District

**NEW YORK STATE SMART SCHOOLS BOND ACT
PRELIMINARY INVESTMENT PLAN**



PUBLIC HEARING ON SMART SCHOOLS BOND FUNDING

There will be a Public Presentation and Hearing on Smart Schools Bond Act Fund on February 23rd. 2016, 8:30 PM
Located at: Sewanhaka BOE Conference Room, Third Floor, Sewanhaka HS, Floral Park, NY 11001

If our Community would like to submit written feedback on the
Sewanhaka CHSD NYS Smart Schools Bond Act Preliminary Proposed Plan, please email:

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January 2015

Sewanhaka Central High School District

**NEW YORK STATE SMART SCHOOLS BOND ACT
PRELIMINARY INVESTMENT PLAN**

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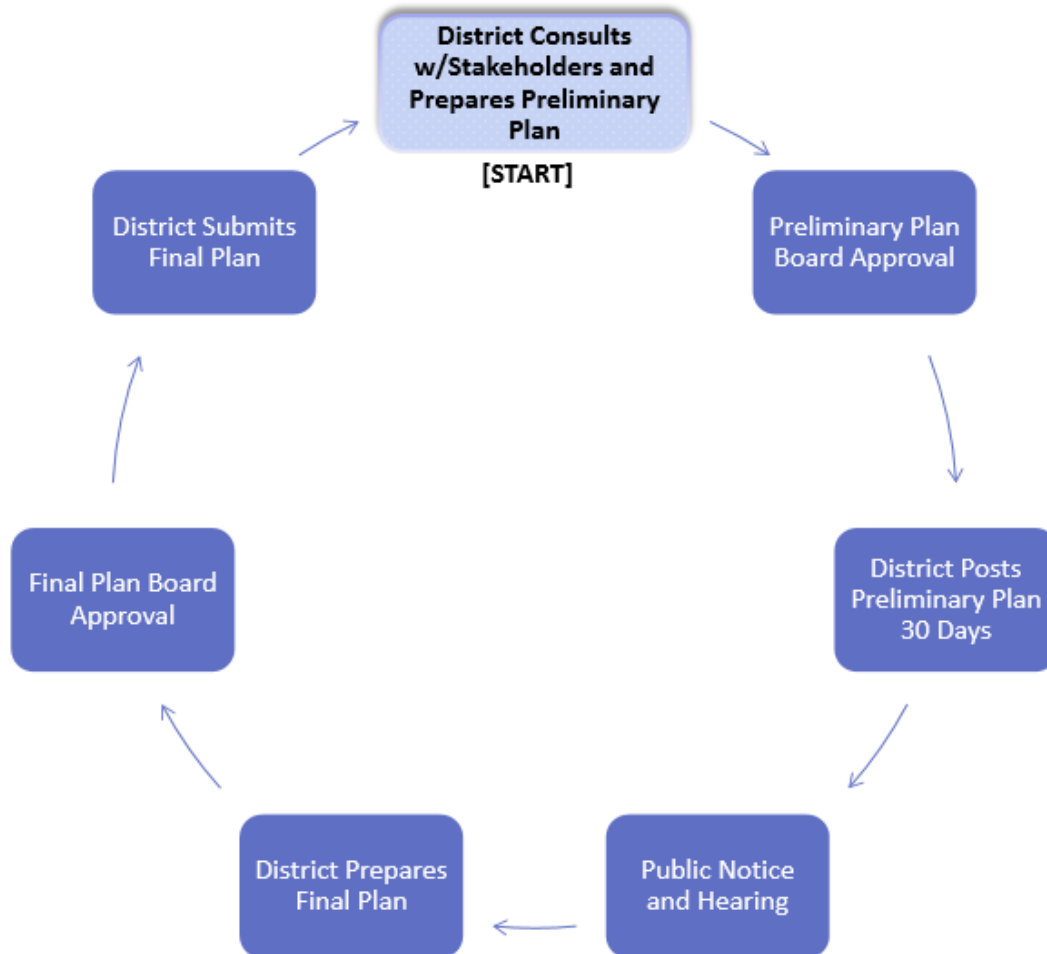
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DISTRICT SMART SCHOOL BOND INVESTMENT PLANNING PROCESS



- Stakeholders Meetings – September through December 2015
- Preliminary Plan Board Approval – January 2016
- Plan Posted to the Website on January 22, 2016
- Public Hearing – February Board of Education Meeting 2/23/16
- Final Plan Approval – anticipated adoption 2/23/16
- Smart School Investment Plan Submitted to NYSED – 2/26/16

SUMMARY – SMART BOND INVESTMENT RECOMMENDATION

It is the recommendation of the Sewanhaka Central High School Smart Bond Investment Planning Committee that the Board of Education approve a 4-year plan to create a one-to-one computing program, issuing each enrolled student an electronic device in order to access the Internet, digital course materials and digital textbooks, in which at the end of the plan, all students will have a personal device to assist in their learning.

The proposed technology purchases will address the following goals:

- Create opportunities for individualized learning experiences.
- Promote the development and mastery of digital literacy skills for all students.
- Engage students in the learning process through access to relevant, rich, digital resources.
- Provide ownership of learning.
- Enhance differentiated instruction for teachers and expand student learning beyond the classroom.
- Ensure equal access to these improved educational services and learning opportunities for students with disabilities and English language learners, if applicable, and should also contribute to the reduction of other learning gaps experienced within the district.

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 Sewanhaka CHSD School District was allocated to receive \$3,200,000. The purpose of the Smart Schools Bond Act is to improve learning and opportunity for public and nonpublic school students by funding capital projects to the following categories:

1. Install high-speed broadband or wireless internet connectivity for schools and communities;
2. Acquire learning technology equipment or facilities, including but not limited to interactive whiteboards, computer servers, and desktop, laptop, and tablet computers;
3. Construct, enhance, and modernize educational facilities to accommodate prekindergarten programs and to provide instructional space to replace classroom trailers; and/or
4. Install high-tech security features in school buildings and on school campuses, including but not limited to video surveillance, emergency notification systems, and physical access controls.

The Smart Schools Bond Act requires that school districts develop and receive approval of a Smart Schools Investment Plan from the Smart Schools Review Board, which is comprised of the Chancellor of the State University of New York, the Director of the Budget and the Commissioner of the State Education Department. Districts will submit their Smart Schools Investment Plans, which will describe the intended expenditures and projects with Smart Schools Bond Act funds, through an application on the New York State Education Department's Business Portal. The New York State Education Department will review the Smart Schools Investment Plan for completeness and adherence to the guidance. If accepted, the application will be submitted for consideration by the Smart Schools Review Board.

All districts will be required to submit a Smart Schools Improvement Plan to demonstrate how Smart Schools Bond Act funds will be used to provide the educational tools and opportunities students throughout New York State will need to succeed in the 21st century economy. Effective plans should:

- Include linkages between the district's long-term educational planning and technology investments;
- Provide learning opportunities beyond the classroom through the use of technology; and
- Address the educational needs of all students, including students with disabilities, English language learners and those who have not succeeded in traditional classroom settings.

The Smart Schools Review Board will review each district plan for alignment with NYSED goals and ensure the plan contains all critical elements necessary for the long-term success of this initiative.

PRECONDITIONS

Internet Bandwidth. As a precondition to utilizing the SSBA allocations, the District has ensured that there is adequate Internet bandwidth to further expand wireless connectivity for classrooms, additional technology devices for classrooms and upgrading the Sewanhaka Central High School District. The Smart Schools Bond Act supports school districts' efforts to connect their school buildings to high-speed broadband that enables technology-enabled and digital instruction and learning. Districts can and should use their allocations to equip their classrooms and school buildings with robust broadband infrastructure and bandwidth to sustain their current and projected operational needs and support growing educational demands.

The Federal Communications Commission adopted the Second E-rate Modernization Order in December 2014, which established the minimum speed standard of 100 Mbps per 1,000 students for schools in the United States. To ensure that districts maximize the return on their investment in education technology and devices, Smart Schools Bond Act funds used for technology infrastructure investments must increase the number of school buildings that meet or exceed this standard. For the 2016-17 school year, the District can certify adequate Internet bandwidth in excess of 1,500 Mbps to sustain the increase of classroom devices.

Wide-Area Network. The Sewanhaka Central High School District has managed fiber between buildings on the school district's private network, which provides up to 10 Gigabit of interconnectivity. Currently Sewanhaka has 1 Gigabit between sites for district interconnectivity but with the District Building Referendum Capital Bond, approved in May 2014, allocations for upgrades to the Sewanhaka Central High School District network infrastructure this will increase to 10 Gigabit between schools. In addition to increasing the speed between buildings, the Sewanhaka Central High School District will be adding an additional ISP to balance the Internet traffic amongst all the buildings.

Instructional Technology Plan Approval. All New York State public school districts are required to complete and submit a District Instructional Technology Plan survey to 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. Districts that include investments in high-speed broadband or wireless connectivity and/or learning technology equipment or facilities as part of their Smart Schools Investment Plan must have a submitted and approved Instructional Technology Plan survey on file with the New York State Education Department (NYSED). The Sewanhaka Central High School District submitted their required Instructional Technology Plan survey to NYSED in August 2015 and was approved in September 2015. NYSED Letter of Approval is attached at the end of this plan.

SMART SCHOOL BOND PURCHASE PLAN & ALLOCATIONS

The Sewanhaka Central High School District supports a technology network of over 8500 student users. Under current allocations of resources for technology equipment, that includes; BOCES Purchase Agreements, District Technology Department yearly budget allocations, eRate funding, and any grant funding available, we are fiscally unable to move as rapidly as we would like to equip all schools with current instructional technologies. In alignment with the approved District Technology Plan, the District plans to utilize SSBA allocations as described below in Table 1 for the SSBA allowable expenditure Budget Category areas.

TABLE 1: SSBA Allowable Expenditure Summary of \$3,200,000 by Budget Category:

SSBA Budget Category	Allocations
Acquire Learning Technology Equipment (Student Devices)	
Phase I Rollout – 2016/17 Grade 7 Students – 1600 devices	\$800,000.00
Phase II Rollout – 2017/18 Grade 7 Students – 1600 devices	800,000.00
Phase III Rollout – 2018/19 Grade 7 Students – 1600 devices	800,000.00
Phase IV Rollout – 2019/20 Grade 7 Students – 1600 devices	800,000.00
TOTALS	\$3,200,000.00

Device Purchasing and Pricing: Smart Schools Bond Act purchases must conform to all current laws and regulations regarding school district procurement practices. All devices obtained as part of a Smart Schools Investment Plan must be purchased at or below prices available on federal and State contracts authorized in the General Municipal Law. Links to some of these contracts will be posted at http://www.p12.nysed.gov/mgtserv/smart_schools/.

Districts are also encouraged to take advantage of consortium purchasing efforts and other means to maximize the benefit of these funds. Purchases made through a BOCES however will not be eligible for BOCES Aid.

Inventory Management: Districts must ensure that devices purchased will be distributed, prepared for use, maintained, and supported appropriately. Districts must maintain detailed device inventories in accordance with generally accepted accounting standards. The school district's Smart Schools Investment Plan and records of any payments made to districts in support of particular purchases may be shared with appropriate agencies in support of future local audits.

Inclusion of Nonpublic Schools: Any Smart Schools Investment Plan that proposes the purchase of technology hardware must demonstrate that nonpublic schools in the district will have the opportunity to participate in technology loans, consistent with the Smart Schools Bond Act implementation language and the detailed description in the section on Nonpublic School Inclusion below.

DISTRICT TECHNOLOGY PLAN PURCHASE PLAN & ALLOCATIONS

In alignment with the approved District Technology Plan, the District has budgeted the purchase of student devices as described below in Table 2. Since the SSBA Allowable Expenditures only include devices, these allocations will also include extended warranties, supporting supplies, cases, and related professional development services.

TABLE 2: District Technology Plan Expenditure Summary:

District Technology Budget – 2630.220.7.0000	Allocations
<p>Acquire Learning Technology Equipment (Student Devices)</p> <p>Phase I Rollout – 2016/17 Grade 8 Students – 1600 devices Phase II Rollout – 2017/18 Grade 10 Students – 1600 devices Phase III Rollout – 2018/19 Grade 10 Students – 1600 devices Phase IV Rollout – 2019/20 Grade 10 Students – 1600 devices</p>	<p>\$300,000 annual lease payment. \$300,000 annual lease payment. \$300,000 annual lease payment. Renewal of the 2016/17 Lease Purchase Agreement</p>

PROFESSIONAL DEVELOPMENT

As required by the New York State Education Department, the Sewanhaka Central High School District has a professional development plan in place to improve the quality of teaching and learning by ensuring that teachers participate in substantial professional and technological development. The District wants to ensure that teachers remain current with their profession and meet the learning needs of their students. In addition, the same professional development in technology is provided to support staff and teacher assistants. The use and integration of technology by teachers and administrators is included in the Professional Development and Instructional Technology Plans.

Ongoing sustained professional development for district staff members in technology, includes an “instructional technology focus” to ensure that staff can use and integrate technologies to improve instruction, student achievement and student services.

The district’s professional and technological requirements and/or activities include:

- On-site conference days (including classes and workshops)
- Off-site conference days (including classes and workshops)
- Mentoring opportunities
- In-service classes (facilitated by the district’s teachers)
- Ongoing on-site support by vendors
- Participation in the Model Classroom or Teacher Leader Program

The catalog of activities offered by our local regional information centers (BOCES) are tracked in My Learning Plan and are available in the links located on the District website.