

SMART SCHOOLS BOND ACT

Implementation Plan #4
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The mission of the Wappingers Central School District is to empower all of our students with the competencies and confidence to challenge themselves, to pursue their passions, and to realize their potential while growing as responsible members of their community.

Smart Schools Bond Act

Purpose | 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



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Wappingers CSD TOTAL Allocation: \$5,327,266

- Include Stakeholders
- Voter Approval Not Required**
(*where SSBA solely funds the project)
- Private / Parochial (P&P) Schools must be included (\$250 / Pupil)
- No minimums per category
- NYSED Approved Technology Plan
- No deadline for expenditures
- All plans must receive final approval from NYSED SSBA Review Board
- All funds distributed on **reimbursement** basis
- Capital improvements must follow NYSED capital project processes
- Approved expenditures will be reimbursed within 90 days for request



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The Planning & Submittal Process Must Include:

1. Consultation with parents, teachers, students, community members, other stakeholders and any nonpublic schools located in the district.
2. The district developed and the school board approved a preliminary Smart Schools Investment Plan.
3. The preliminary plan was posted on the district website for at least 30 days.
4. An address to which any written comments on the plan should be sent: (plans@wcsdny.org)
5. A hearing that enables stakeholders to respond to the preliminary plan (August 2018 BoE).
6. A final plan for school board approval and such plan has been approved by the school board.



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Implementation Plan	Private & Parochial (P&P) Allocation	\$5,327,266	Status
SSBA #1 (Interactive Panels & Door Locks)	\$63,120	\$1,353,833	Completed / Fully Reimbursed
SSBA #2 (Security Vestibules)	\$0	\$1,337,224	Under SSBA Review
SSBA #3 (Chromebooks K – 6)	\$31,560	\$481,560	Purchasing Nearly Complete
Total Expenditures	\$94,680	\$3,172,617	
Remaining Balance	\$108,320	\$2,059,969	



Implementation Plan #4 Part A: New Interactive Display Panels

Part A Cost Estimate: \$450,000

- The District would like to expand the Promethean (or equivalent) Panel implementation by adding 100 additional interactive panels to our classrooms.
 - The Promethean boards have held up very well to staff/student use.
 - They are not susceptible breakdown, dimming, or blown projector bulbs.
 - Issues have been addressed via our 5-year warranty within weeks.
 - There are not ongoing annual software costs like other competitors.
 - Cost per board is approximately \$4,500 per unit (**\$450,000** in total).
- **Allocated Amount for all Private and Parochial Schools: \$31,560 (\$40.00 per student)**



Implementation Plan #4 Part B: New AC and Generator Backup

Part B Cost Estimate: ~~\$160,000~~

Updated This is no longer required under SSBA as this work is now covered under a WCSD Capital Improvement Project

- ~~• The District network closets (NC) are in need of proper cooling systems and backup generator power.
 - ~~○ Approximately 40 network closets (NC) in the District~~
 - ~~○ Closets exceed 100 degrees in the summer months~~
 - ~~○ Critical closets exist in our 4 Secondary Schools, and the District Office~~~~
- ~~• Propose the installation of AC Cooling
 - ~~○ John Jay NC1, Roy C Ketcham NC1, Wappingers Jr HS & Van Wyck Jr HS NC1
 - ~~■ Approximate Cost ~~\$60,000~~~~~~~~
- ~~• Propose the installation of Backup Generator for network closets
 - ~~○ John Jay & Roy C Ketcham HS NC1
 - ~~■ Approximate Cost ~~\$100,000~~~~~~~~



Implementation Plan #4 Part C: New Wireless Equipment

Part C Cost Estimate: \$175,000

Expand our wireless network system at both Van Wyck Jr HS and Wappingers Jr HS.

1. Estimated cost for hardware only is \$175,000 which includes new 100 new access points and network switches to support them.
2. Expansion of the wireless network will include:
 - a) Replacement of corridor and common area access points with new equipment.
 - b) Addition of access points in every other classroom at Van Wyck Jr. HS
 - c) Addition of access points in every classroom at Wappingers Jr. HS (due to how Wappingers Jr. HS was constructed we have determined a need for additional access points to provide them with appropriate coverage.

SSBA does not cover licensing or installation.



Implementation Plan #4 Part D: New Wireless Panic Systems

Part D Cost Estimate: \$115,000

- The District has sought out a new solution for our wireless panic buttons.
 - Working with Johnson Controls we have identified [LYNX Systems](#) as a replacement for our current panic buttons.
 - Benefits over the current system:
 - Does not rely on our wireless network.
 - Provides outdoor capabilities
 - Provides different options for button hardware
 - Wireless Pendant
 - Under desk mount
 - Wall mounted devices
 - Can expand to integrate with radio systems
- **This cost includes ALL of our Schools**

A Note About SSBA Funding:

- Our District's technology program focuses on the needs of our students, and on how our instructional programs support their learning. Our annual District budget includes resources to provide our students with many innovative and exciting opportunities for them to grow as individuals.
 - SSBA allocations provide the District with opportunities to enhance school security and to purchase solutions and systems that are not easily funded through our regular budget cycle alone.
 - Using SSBA funds in this manner enables the District to focus on items which are needed without sacrificing what we provide to our students.

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Total Allocation	\$5,327,266.00
SSBA Plans 1 - 3	\$3,077,937
P&P Purchases 1 - 3	\$94,680
Plan #4 Estimated Cost	\$740,000
P&P Plan #4 Allocation	\$31,560
Remaining Long Term Balance	\$1,288,409*

*A portion of remaining funds would be held for future equipment replacement needs.



Questions about SSBA Plan #4

Please send all questions and comments about our Smart Schools Bond Act Plan #4 to:
plans@wcsdny.org