



Smart Schools Investment Plan - 2016-17 Version (Original) - Network Refresh-NFA Main

SSIP Overview

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- 5a. Please upload the proposed Smart Schools Investment Plan (SSIP) that was posted on the district's website, along with any supporting materials. Note that this should be different than your recently submitted Educational Technology Survey. The Final SSIP, as approved by the School Board, should also be posted on the website and remain there during the course of the projects contained therein.

SSIP PowerPoint.pdf  
 NECSD SSIP 2 Financial.pdf  
 NECSD SSBA Overview 3-29-2016a.pdf  
 2016-04-14-NECSD-InfrastructureRefresh.pdf  
 44-16-00-01-0-001-024 NFA Main.pdf

- 5b. Enter the webpage address where the final Smart Schools Investment Plan is posted. The Plan should remain posted for the life of the included projects.

<http://www.newburghschools.org/smartschools.php>

6. Please enter an estimate of the total number of students and staff that will benefit from this Smart Schools Investment Plan based on the cumulative projects submitted to date.

13,600

7. An LEA/School District may partner with one or more other LEA/School Districts to form a consortium to pool Smart Schools Bond Act funds for a project that meets all other Smart School Bond Act requirements. Each school district participating in the consortium will need to file an approved Smart Schools Investment Plan for the project and submit a signed Memorandum of Understanding that sets forth the details of the consortium including the roles of each respective district.

The district plans to participate in a consortium to partner with other school district(s) to implement a Smart Schools project.

8. Please enter the name and 6-digit SED Code for each LEA/School District participating in the Consortium.

Partner LEA/District	SED BEDS Code
(No Response)	(No Response)

9. Please upload a signed Memorandum of Understanding with all of the participating Consortium partners.

(No Response)

10. Your district's Smart Schools Bond Act Allocation is:

\$12,831,056

11. Enter the budget sub-allocations by category that you are submitting for approval at this time. If you are not budgeting SSBA funds for a category, please enter 0 (zero.) If the value entered is \$0, you will not be required to complete that survey question.

	Sub-Allocations
School Connectivity	537,197
Connectivity Projects for Communities	0
Classroom Technology	0
Pre-Kindergarten Classrooms	0
Replace Transportable Classrooms	0
High-Tech Security Features	0
<b>Totals:</b>	

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	Sub-Allocations
	<b>537,197</b>



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School Connectivity

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**3. Describe how you intend to use Smart Schools Bond Act funds for high-speed broadband and/or wireless connectivity projects in school buildings.**

The Newburgh Enlarged City School District will develop a robust, converged network infrastructure including voice, data, video and a wireless communications network throughout the district. The network infrastructure will provide flexibility, mobility, and secure access to students, teachers, administrators, schools operations, and schools services staff.

To meet this goal, Newburgh plans to use Smart Bond Act Funds to update our aging network architecture.

**Work Entailed in this Project**

To \_\_\_\_\_

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School Connectivity

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4. Describe the linkage between the district's District Instructional Technology Plan and the proposed projects. (There should be a link between your response to this question and your response to Question 1 in Part E. Curriculum and Instruction "What are the district's plans to use digital connectivity and technology to improve teaching and learning?")

The linkage between the Districts Instructional Technology Plan and this proposed project is the same in this SSIP as in our first SSIP. The Newburgh Enlarged City School District split our funding request into two separate plans because the infrastructure work required in Newburgh Free Academy Main Campus High School building will entail new wiring. That is the only variance between the proposed work in both SSIP's.

Our Districts Instructional Technology Plan highlights the importance of developing our students' technological literacy skills through the use of research-based strategies that integrate technology into curriculum, instruction, and assessment. Without reliable student and teacher access to a ubiquitous network infrastructure, technology-based resources will be more of a distraction than an enhancement in our learning spaces. The robust network infrastructure provided for by this project easily supports the achievement of the following research-based instructional strategies:

1. Establishing student-centered learning environments which encourage higher-order, open-ended problem-solving where teachers are facilitators of learning.
2. Seamlessly infusing technology into the classroom environment such that students depend on it as a critical part of the learning process.
3. Providing real-time access to high-quality educational resources which drive personalized learning opportunities.
4. Engaging students' in collaborative inquiry-based projects that tap into cross-curricular content, abstract concepts and learning in meaningful ways with peers.
5. Providing opportunities to learners that cultivate real-world, real-time events, and support connections with others around the world to become global citizens. This will ensure that the students develop the 21st Century technological literacy skills necessary to meet National and New York State standards.
6. Supporting the delivery of instruction according to ording to









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Community Connectivity (Broadband and Wireless)

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Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
(No Response)	(No Response)	(No Response)	(No Response)	(No Response)



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Classroom Learning Technology

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6. Describe how the proposed technology purchases will:
- > enhance differentiated instruction;
  - > expand student learning inside and outside the classroom;
  - > benefit students with disabilities and English language learners; and
  - > contribute to the reduction of other learning gaps that have been identified within the district.

The expectation is that districts will place a priority on addressing the needs of students who struggle to succeed in a rigorous curriculum. Responses in this section should specifically address this concern and align with the district's Instructional Technology Plan (in particular Question 2 of E. Curriculum and Instruction: "Does the district's instructional technology plan address the needs of students with disabilities to ensure equitable access to instruction, materials and assessments?" and Question 3 of the same section: "Does the district's instructional technology plan address the provision of assistive technology specifically for students with disabilities to ensure





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Classroom Learning Technology

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**Add rows under each sub-category for additional items, as needed.**

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be Purchased	Quantity	Cost per Item	Total Cost
(No Response)	(No Response)	(No Response)	(No Response)	(No Response)



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Pre-Kindergarten Classrooms

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