

Smart Schools Investment Plan - SSIP Spring 2017

SSIP Overview

Page Last Modified: 06/13/2017

Group 1

1. Please enter the name of the person to contact regarding this submission.

Mr. David Davison

- 1a. Please enter their phone number for follow up questions.

716-326-2151

- 1b. Please enter their e-mail address for follow up contact.

ddavison@wacs2.wnyric.org

2. Please indicate below whether this is the first submission, a new or supplemental submission or an amended submission of a Smart Schools Investment Plan.

First submission

3. 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.

By checking this box, you certify that the school district has an approved District Instructional Technology Plan survey on file with the New York State Education Department.

 District Educational Technology Plan Submitted to SED and Approved

4. Pursuant to the requirements of the Smart Schools Bond Act, the planning process must include consultation with parents, teachers, students, community members, other stakeholders and any nonpublic schools located in the district.

By checking the boxes below, you are certifying that you have engaged with those required stakeholders. Each box must be checked prior to submitting your Smart Schools Investment Plan.

- Parents
 Teachers
 Students
 Community members

- 4a. If your district contains non-public schools, have you provided a timely opportunity for consultation with these stakeholders?

- Yes
 No
 N/A

5. Certify that the following required steps have taken place by checking the boxes below: Each box must be checked prior to submitting your Smart Schools Investment Plan.

- The district developed and the school board approved a preliminary Smart Schools Investment Plan.
 The preliminary plan was posted on the district website for at least 30 days. The district included an address to which any written comments on the plan should be sent.
 The school board conducted a hearing that enabled stakeholders to respond to the preliminary plan. This hearing may have occurred as part of a normal Board meeting, but adequate notice of the event must have been provided through local media and the district website for at least two weeks prior to the meeting.
 The district prepared a final plan for school board approval and such plan has been approved by the school board.
 The final proposed plan that has been submitted has been posted on the district's website.

Smart Schools Investment Plan - SSIP Spring 2017

SSIP Overview

Page Last Modified: 06/13/2017

- 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.

PrelimSSIP.pdf
BOESSIPPres2017.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://wacs.wnyric.org/Page/2006>

- 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.

850

- 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:

\$802,428

- 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	0
Connectivity Projects for Communities	0
Classroom Technology	588,349
Pre-Kindergarten Classrooms	0
Replace Transportable Classrooms	0
High-Tech Security Features	0
Totals:	588,349

Smart Schools Investment Plan - SSIP Spring 2017

School Connectivity

Group 1

1. In order for students and faculty to receive the maximum benefit from the technology made available under the Smart Schools Bond Act, their school buildings must possess sufficient connectivity infrastructure to ensure that devices can be used during the school day. Smart Schools Investment Plans must demonstrate that:
 - sufficient infrastructure that meets the Federal Communications Commission’s 100 Mbps per 1,000 students standard currently exists in the buildings where new devices will be deployed, or
 - is a planned use of a portion of Smart Schools Bond Act funds, or
 - is under development through another funding source.

Smart Schools Bond Act funds used for technology infrastructure or classroom technology investments must increase the number of school buildings that meet or exceed the minimum speed standard of 100 Mbps per 1,000 students and staff within 12 months. This standard may be met on either a contracted 24/7 firm service or a "burstable" capability. If the standard is met under the burstable criteria, it must be:

1. Specifically codified in a service contract with a provider, and
2. Guaranteed to be available to all students and devices as needed, particularly during periods of high demand, such as computer-based testing (CBT) periods.

Please describe how your district already meets or is planning to meet this standard within 12 months of plan submission.

(No Response)

- 1a. If a district believes that it will be impossible to meet this standard within 12 months, it may apply for a waiver of this requirement, as described on the Smart Schools website. The waiver must be filed and approved by SED prior to submitting this survey.

By checking this box, you are certifying that the school district has an approved waiver of this requirement on file with the New York State Education Department.

2. Connectivity Speed Calculator (Required)

	Number of Students	Multiply by 100 Kbps	Divide by 1000 to Convert to Required Speed in Mb	Current Speed in Mb	Expected Speed to be Attained Within 12 Months	Expected Date When Required Speed Will be Met
Calculated Speed	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)

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

(No Response)

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?")

(No Response)

Smart Schools Investment Plan - SSIP Spring 2017

School Connectivity

5. If the district wishes to have students and staff access the Internet from wireless devices within the school building, or in close proximity to it, it must first ensure that it has a robust Wi-Fi network in place that has sufficient bandwidth to meet user demand.

Please describe how you have quantified this demand and how you plan to meet this demand.

(No Response)

6. As indicated on Page 5 of the guidance, the Office of Facilities Planning will have to conduct a preliminary review of all capital projects, including connectivity projects.

Please indicate on a separate row each project number given to you by the Office of Facilities Planning.

Project Number
(No Response)

7. Certain high-tech security and connectivity infrastructure projects may be eligible for an expedited review process as determined by the Office of Facilities Planning.

Was your project deemed eligible for streamlined review?

(No Response)

8. Include the name and license number of the architect or engineer of record.

Name	License Number
(No Response)	(No Response)

9. If you are submitting an allocation for School Connectivity complete this table.

Note that the calculated Total at the bottom of the table must equal the Total allocation for this category that you entered in the SSIP Overview overall budget.

	Sub-Allocation
Network/Access Costs	(No Response)
Outside Plant Costs	(No Response)
School Internal Connections and Components	(No Response)
Professional Services	(No Response)
Testing	(No Response)
Other Upfront Costs	(No Response)
Other Costs	(No Response)
Totals:	0

Smart Schools Investment Plan - SSIP Spring 2017

School Connectivity

10. Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category. This is especially important for any expenditures listed under the "Other" category. All expenditures must be eligible for tax-exempt financing to be reimbursed through the SSBA. Sufficient detail must be provided so that we can verify this is the case. If you have any questions, please contact us directly through smartschools@nysed.gov.
NOTE: Wireless Access Points should be included in this category, not under Classroom Educational Technology, except those that will be loaned/purchased for nonpublic schools.
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)

Smart Schools Investment Plan - SSIP Spring 2017

Community Connectivity (Broadband and Wireless)

Group 1

1. Describe how you intend to use Smart Schools Bond Act funds for high-speed broadband and/or wireless connectivity projects in the community.

(No Response)

2. Please describe how the proposed project(s) will promote student achievement and increase student and/or staff access to the Internet in a manner that enhances student learning and/or instruction outside of the school day and/or school building.

(No Response)

3. Community connectivity projects must comply with all the necessary local building codes and regulations (building and related permits are not required prior to plan submission).

I certify that we will comply with all the necessary local building codes and regulations.

4. Please describe the physical location of the proposed investment.

(No Response)

5. Please provide the initial list of partners participating in the Community Connectivity Broadband Project, along with their Federal Tax Identification (Employer Identification) number.

Project Partners	Federal ID #
(No Response)	(No Response)

6. If you are submitting an allocation for Community Connectivity, complete this table. Note that the calculated Total at the bottom of the table must equal the Total allocation for this category that you entered in the SSIP Overview overall budget.

	Sub-Allocation
Network/Access Costs	(No Response)
Outside Plant Costs	(No Response)
Tower Costs	(No Response)
Customer Premises Equipment	(No Response)
Professional Services	(No Response)
Testing	(No Response)
Other Upfront Costs	(No Response)
Other Costs	(No Response)
Totals:	0

7. Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category. This is especially important for any expenditures listed under the "Other" category. All expenditures must be capital-bond eligible to be reimbursed through the SSBA. If you have any questions, please contact us directly through smartschools@nysed.gov. Add rows under each sub-category for additional items, as needed.

Smart Schools Investment Plan - SSIP Spring 2017

Community Connectivity (Broadband and Wireless)

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)

Smart Schools Investment Plan - SSIP Spring 2017

Classroom Learning Technology

Page Last Modified: 06/09/2017

Questions

1. In order for students and faculty to receive the maximum benefit from the technology made available under the Smart Schools Bond Act, their school buildings must possess sufficient connectivity infrastructure to ensure that devices can be used during the school day. Smart Schools Investment Plans must demonstrate that sufficient infrastructure that meets the Federal Communications Commission’s 100 Mbps per 1,000 students standard currently exists in the buildings where new devices will be deployed, or is a planned use of a portion of Smart Schools Bond Act funds, or is under development through another funding source. Smart Schools Bond Act funds used for technology infrastructure or classroom technology investments must increase the number of school buildings that meet or exceed the minimum speed standard of 100 Mbps per 1,000 students and staff within 12 months. This standard may be met on either a contracted 24/7 firm service or a "burstable" capability. If the standard is met under the burstable criteria, it must be:
 1. Specifically codified in a service contract with a provider, and
 2. Guaranteed to be available to all students and devices as needed, particularly during periods of high demand, such as computer-based testing (CBT) periods.

Please describe how your district already meets or is planning to meet this standard within 12 months of plan submission.

The district currently meets the standard, we have 144 Mbps for our students.

- 1a. If a district believes that it will be impossible to meet this standard within 12 months, it may apply for a waiver of this requirement, as described on the Smart Schools website. The waiver must be filed and approved by SED prior to submitting this survey.

By checking this box, you are certifying that the school district has an approved waiver of this requirement on file with the New York State Education Department.

2. Connectivity Speed Calculator (Required)

	Number of Students	Multiply by 100 Kbps	Divide by 1000 to Convert to Required Speed in Mb	Current Speed in Mb	Expected Speed to be Attained Within 12 Months	Expected Date When Required Speed Will be Met
Calculated Speed	670	67,000	67	144	866.7	4/2018

Smart Schools Investment Plan - SSIP Spring 2017

Classroom Learning Technology

Page Last Modified: 06/09/2017

- 3. If the district wishes to have students and staff access the Internet from wireless devices within the school building, or in close proximity to it, it must first ensure that it has a robust Wi-Fi network in place that has sufficient bandwidth to meet user demand.**

Please describe how you have quantified this demand and how you plan to meet this demand.

Currently 100% of our instructional space has wireless coverage provided by wireless access points. We use a wireless controller and the switch speed is 1Gbps. In the fall of 2015 we submitted an e-Rate project to upgrade our current wireless system. This project includes:

- 1 – (7205-K12-128-US) Aruba 7205 K-12 EDU Bundle, 128 License and Support. Bundle includes Aruba 7205 Mobility Controller. Restricted Regulatory Domain, US only. Bundle also includes 128 Access Point, 128 Policy Enforcement Firewall and 128 RFProtect licenses.
- 1 – (7205-US) Aruba 7205, 2x 10GBASE-X (SFP+), Restricted Regulatory Domain.
- 30 - (AP-220-MNT-W1) Aruba Access Point Mount Kit (basic, flat surface).
- 128 – (AP-315) Aruba AP-315 Wireless Access Point, 802.11n/ac, 4x4:4 MU-MIMO, dual radio, integrated antennas
- 140 – (AW-K12-1) AirWave software license for a single device (AP, controller, switch, etc.)
- 1 – (SFP-10GE-SR) 10GBASE-SR SFP+; 850nm pluggable 10GbE optic; LC connector; up to 300 meters over multi-mode fiber (Type OM3) or 400 meters with OM4
- 5 – (AL1905E21-E6) STACKABLE 1000W AC POE+ POWER SUPPLY. FOR USE IN 4X00 PWR+, NA PC
- 5 – (AL4800E78-E6) ERS 4850GTS with 48 10/100/1000 & 2 SFP ports plus 2 SFP+ ports & HiStack ports

During the 2016 capital project cat 6a cables were run throughout the building to support this new system. Once this e-Rate project gets approved by the state, our wireless speed will increase to the theoretical max speed of 802.11ac which is eight(8) 160MHz 256-QAM channels, each of which are capable of 866.7Mbps.

- 4. All New York State public school districts are required to complete and submit an 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 educational technology purchases 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.

- By checking this box, you are certifying that the school district has an approved Instructional Technology Plan survey on file with the New York State Education Department.

- 5. Describe the devices you intend to purchase and their compatibility with existing or planned platforms or systems. Specifically address the adequacy of each facility's electrical, HVAC and other infrastructure necessary to install and support the operation of the planned technology.**

The district is proposing to purchase Dell Latitude 3189 BTX 2-1 laptop computers to begin implementation of 1-1 devices for students receiving Special Education Services, Academic Intervention Services (AIS), English Language Learners (ELL)/ English as a New Language (ENL) and grades 2,3,4,7 and 10. Laptops will also be purchased for Elementary Library, Art and Music classrooms. The specs are: Intel® Pentium® Processor N4200 (6W, 2M cache, up to 2.5 GHz) Win10 Pro 64bit Nat'l Aca Val+. K12 EDU only. 4GB 1600MHz LPDDR3 1, 128GB M.2 2280 SSD Black WLAN Touch LCD Cover 11.6" HD IPS 16:9 (1366 x 768) Touch with Corning® Gorilla® Glass NBT Internal US English Qwerty Non-backlit Keyboard Intel Dual Band Wireless-AC 7265 Wireless Driver 42 Whr ExpressCharge Capable (Prismatic)

These devices are compatible with both of our cloud applications (G-Suite and o365). These laptop devices will be stored in charging carts powered by dedicated outlets initially. The future plan is to allow the devices to go home with the students.

Laptops for the elementary students will also have headsets and a three button mouse. The district proposes to purchase the following: Headset Stereo Listening First 5.5' plug (Califone 3068 AV) and the Dell optical mouse - MS116 (black)

All classrooms currently have mounted interactive white boards with projectors. The district plans to replace aging boards and projectors with newer models which have multi-touch capabilities and have a diagonal of 87". The district is proposing to purchase the following: SBX885Kit 87" 800 Series SMART Board & Pen Tray and RS670i Fixed Rail System for Integrated Unit with wall mounted projectors such as HIT HITHASWM03 WALLARM MOUNT FOR 03 UST MODELS, HIT HITCPAX2505 PROJ- 2700L XGA ULTRA SHORT THROW 2 HDMI(REGISTERED)

The district is proposing to purchase Dell OptiPlex 5040 desktops for the Interactive Boards for all the classrooms. The specs are: OptiPlex 5040 SFF: Intel Core i5-6500 (QC/6MB/4T/3.2GHz/65W); supports 1 Windows 7/8.1/10/Linux, 8GB (1x8GB) 1600MHz DDR3L,M.2 128GB SATA Class 20 Solid State Drive Memory. These devices are compatible with all of our current applications.

Smart Schools Investment Plan - SSIP Spring 2017

Classroom Learning Technology

Page Last Modified: 06/09/2017

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 access to and participation in the general curriculum?")

Enhancing Differentiated Instruction:

Technology allows for the natural differentiation of classroom instruction. The laptops the district has selected will allow for both whole group and individualized instruction. The devices will be outfitted with the proper software and applications to allow students to actively participate in daily instruction, and receive additional practice or reinforcement as needed. Teachers will be able to design cohesive lessons that can be leveled to students needs and the convertible 2 in 1 laptop design will allow for maximum functionality required to meet student needs. These lessons can easily be adjusted to accommodate various student strengths and weaknesses, and can also be used to assess student learning, providing students with feedback. To facilitate the success of our 1:1 initiative, the district has purchased Schoology learning management system (LMS).

Expanding Learning Inside and Outside of the Classroom:

The devices, coupled with carefully planned professional development for teachers, will enhance and accelerate learning in and out of the classroom. In the classroom, teachers will be able to increase the variety of materials used within a lesson, naturally creating an engaging environment for learning and greater collaboration amongst students with the use of the laptops and new interactive boards. The technology allows students to access information in various digital forms. Using cloud services, like G-Suite and o365, will allow students to access materials at any time, while allowing them to collaborate in new and innovative ways. During the first stages of 1:1 digital conversion the devices will be housed in district, but eventually the students in specified secondary grade levels will take them home. Having their devices at home will afford students similar benefits as they see in class, while enhancing their ability to research, develop and utilize tools that help them become twenty first century learners. Having the devices at home would also remove limitations that previously existed for students lacking personal devices at home. The decision to purchase the 2 in 1 laptops provides the ability to utilize these tools even in the absence of a network connection. The devices will automatically sync with cloud services once back in network. The district network resources are being shared with the public library after school hours, providing opportunities for students to connect to the network when they do not have internet access at home.

Benefits to Students with Disabilities and English Language Learners:

Once our 1:1 initiative is fully implemented, students in grades 5-12 will have been assigned their own devices, which will be individualized with tools to help students with disabilities or language barriers. Elementary classrooms will be provided with devices for student use with the same capabilities. These devices will further promote differentiated instruction preK-12. Additionally, OS accessibility modes (reading/speech capabilities, high contrast mode, etc.) can be utilized and add-on accessories used where needed (i.e. document scanners, adaptive keyboards/pointing devices). The touch screen feature will provide another form of access for students with disabilities. For English language learners, language applications and software can be installed, and the native language of the operating system can be changed when necessary. The Schoology platform will allow all stakeholders, teachers, classroom support staff, parents and students to readily access instructional materials and assignments. The platform also provides the ability to monitor student growth.

Reducing the District's Identified Learning Gaps:

Assessment tools such as iReady can easily be accessed on the devices the district selected. These tools will not only allow teachers and students to monitor progress, but will also allow for remediation and differentiation. Several content areas use digital curriculum that will assist in reducing the gaps in core subject areas. Horizontal and vertical collaborative planning could also eliminate academic gaps.

Schoology provides additional pathways to monitor and reduce gaps in learning.

Smart Schools Investment Plan - SSIP Spring 2017

Classroom Learning Technology

Page Last Modified: 06/09/2017

7. **Where appropriate, describe how the proposed technology purchases will enhance ongoing communication with parents and other stakeholders and help the district facilitate technology-based regional partnerships, including distance learning and other efforts.**

The use of the Learning Management System (LMS) and Cloud-based services on devices will enhance ongoing communication. Parents will be able to view student assignments and monitor progress as well as communicate with teachers through the LMS. Devices can be used to partner with students and teachers both regionally and globally. We currently offer distance learning opportunities and use of these devices will facilitate communication and collaboration between students and instructors. Students will use the devices to complete college course work, Advanced Placement course work, distance learning course work, and to participate in interactive video conferences, and other live streaming events.

8. **Describe the district's plan to provide professional development to ensure that administrators, teachers and staff can employ the technology purchased to enhance instruction successfully.**

Note: This response should be aligned and expanded upon in accordance with your district's response to Question 1 of F. Professional Development of your Instructional Technology Plan: "Please provide a summary of professional development offered to teachers and staff, for the time period covered by this plan, to support technology to enhance teaching and learning. Please include topics, audience and method of delivery within your summary."

Professional development (PD) for staff will be a critical component of 1:1 device implementation and will align with our district's Professional Development and Instructional Technology and Plans. Carefully designed PD provides a continuous and systematic process for professionals to develop, increase and refine their skills. Multiple levels of training and staff development must be offered to teachers, support staff and administration so they feel empowered to use the technology to facilitate their own productivity. Offerings must be diverse enough to address the needs of all staff; however, this spectrum of diversity should be orchestrated to move all staff toward the common goal. One of our district PD goals, as stated in our PD plan, is to continue the infusion of technology into classroom instruction and student learning throughout all grade levels. Initial training will include the basics of the laptop devices and digital conversion of their instructional curriculum using the Schoology platform. The number of staff development days taking place for the district has been increased for the 2017-2018 school year to accommodate the increased needs. During the school year some of the district's PD will focus on technology tools and skills that teachers can utilize for instruction with all students. Technology topics will include:

- Schoology
- 1:1 Digital Conversion
- G-Suite
- o365
- iReady assessment training
- Training and curriculum work around specific content areas with digital content: Math- 6-8 enVisionmath and Social Studies – Putnam North Westchester SSEL, New Visions Global Studies

Additional training will take place through Erie 1's Common Set of Learning Objectives (CSLO) technology professional development, Erie 2 BOCES Integrated Education Services (IES), and within the district. Training may be offered in person, as well as online through webinars. Staff are encouraged to attend these trainings and attendance is supported by administration. Staff have been surveyed concerning their professional development needs, preferred times for trainings and willingness to share ideas and to turnkey train colleagues. We will continue to survey staff throughout the process.

Goals for staff in regards to the use of technological devices to increase student achievement:

- Familiarity with online applications and assessment tools
- Development of technology integrated curriculum in classrooms using NY state standards
- Integration of coursework into Schoology LMS
- Pedagogical awareness of technology best practices
- Utilization of cloud services
- Improved internal and external communication with students and families
- Continued use of interactive whiteboards
- Awareness of strategies to foster digital citizenship amongst students

To realize these goals the district will continue participation in BOCES and Model School Cosers, and utilize resources available in-house.

Smart Schools Investment Plan - SSIP Spring 2017

Classroom Learning Technology

Page Last Modified: 06/09/2017

9. Districts must contact the SUNY/CUNY teacher preparation program that supplies the largest number of the district's new teachers to request advice on innovative uses and best practices at the intersection of pedagogy and educational technology.

By checking this box, you certify that you have contacted the SUNY/CUNY teacher preparation program that supplies the largest number of your new teachers to request advice on these issues.

- 9a. Please enter the name of the SUNY or CUNY Institution that you contacted.

Fredonia

- 9b. Enter the primary Institution phone number.

716-673-3111

- 9c. Enter the name of the contact person with whom you consulted and/or will be collaborating with on innovative uses of technology and best practices.

Dr. Cindy Bird and Dr. Barbara Nolan

10. A district whose Smart Schools Investment Plan proposes the purchase of technology devices and other hardware must account for nonpublic schools in the district.

Are there nonpublic schools within your school district?

- Yes
 No

11. Nonpublic Classroom Technology Loan Calculator

The Smart Schools Bond Act provides that any Classroom Learning Technology purchases made using Smart Schools funds shall be lent, upon request, to nonpublic schools in the district. However, no school district shall be required to loan technology in amounts greater than the total obtained and spent on technology pursuant to the Smart Schools Bond Act and the value of such loan may not exceed the total of \$250 multiplied by the nonpublic school enrollment in the base year at the time of enactment.

See:

http://www.p12.nysed.gov/mgt/serv/smart_schools/docs/Smart_Schools_Bond_Act_Guidance_04.27.15_Final.pdf.

	1. Classroom Technology Sub-allocation	2. Public Enrollment (2014-15)	3. Nonpublic Enrollment (2014-15)	4. Sum of Public and Nonpublic Enrollment	5. Total Per Pupil Sub-allocation	6. Total Nonpublic Loan Amount
Calculated Nonpublic Loan Amount	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)

12. To ensure the sustainability of technology purchases made with Smart Schools funds, districts must demonstrate a long-term plan to maintain and replace technology purchases supported by Smart Schools Bond Act funds. This sustainability plan shall demonstrate a district's capacity to support recurring costs of use that are ineligible for Smart Schools Bond Act funding such as device maintenance, technical support, Internet and wireless fees, maintenance of hotspots, staff professional development, building maintenance and the replacement of incidental items. Further, such a sustainability plan shall include a long-term plan for the replacement of purchased devices and equipment at the end of their useful life with other funding sources.

By checking this box, you certify that the district has a sustainability plan as described above.

Smart Schools Investment Plan - SSIP Spring 2017

Classroom Learning Technology

Page Last Modified: 06/09/2017

13. Districts must ensure that devices purchased with Smart Schools Bond funds will be distributed, prepared for use, maintained and supported appropriately. Districts must maintain detailed device inventories in accordance with generally accepted accounting principles.

By checking this box, you certify that the district has a distribution and inventory management plan and system in place.

14. If you are submitting an allocation for Classroom Learning Technology complete this table. Note that the calculated Total at the bottom of the table must equal the Total allocation for this category that you entered in the SSIP Overview overall budget.

	Sub-Allocation
Interactive Whiteboards	93,555
Computer Servers	0
Desktop Computers	43,200
Laptop Computers	325,600
Tablet Computers	0
Other Costs	125,994
Totals:	588,349

15. Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category. This is especially important for any expenditures listed under the "Other" category. All expenditures must be capital-bond eligible to be reimbursed through the SSBA. If you have any questions, please contact us directly through smartschools@nysed.gov. Please specify in the "Item to be Purchased" field which specific expenditures and items are planned to meet the district's nonpublic loan requirement, if applicable. NOTE: Wireless Access Points that will be loaned/purchased for nonpublic schools should ONLY be included in this category, not under School Connectivity, where public school districts would list them. Add rows under each sub-category for additional items, as needed.

Smart Schools Investment Plan - SSIP Spring 2017

Classroom Learning Technology

Page Last Modified: 06/09/2017

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be Purchased	Quantity	Cost per Item	Total Cost
Laptop Computers	Dell Latitude 3189 Convertible or comparable	740	440	325,600
Other Costs	Gumdrop Droptech Case or comparable	739	50	36,950
Other Costs	Dell Optical Mouse or comparable	248	10	2,480
Other Costs	Califone Listening First 280BL Headset or comparable	247	7	1,729
Other Costs	Laptop Storage/Charging Cart -30 unit or comparable (if needed)	19	1,600	30,400
Other Costs	Laptop Storage/Charging Cart -5 units or comparable (if needed)	10	545	5,450
Other Costs	Laptop Storage/Charging Cart -10 units or comparable (if needed)	19	625	11,875
Desktop Computers	Dell Optiplex 5040 with display adaptor or comparable	80	540	43,200
Interactive Whiteboards	SMART Board X885 with rail kit or comparable	33	2,835	93,555
Other Costs	HITCPAX2505 Ultra short throw 2 HDMI Projector or comparable	36	885	31,860
Other Costs	HITHASWM03 Wallarm Mount or comparable	35	150	5,250

Smart Schools Investment Plan - SSIP Spring 2017

Pre-Kindergarten Classrooms

Page Last Modified: 06/13/2017

Group 1

1. Provide information regarding how and where the district is currently serving pre-kindergarten students and justify the need for additional space with enrollment projections over 3 years.

(No Response)

2. Describe the district's plan to construct, enhance or modernize education facilities to accommodate pre-kindergarten programs. Such plans must include:

- Specific descriptions of what the district intends to do to each space;
- An affirmation that pre-kindergarten classrooms will contain a minimum of 900 square feet per classroom;
- The number of classrooms involved;
- The approximate construction costs per classroom; and
- Confirmation that the space is district-owned or has a long-term lease that exceeds the probable useful life of the improvements.

(No Response)

3. Smart Schools Bond Act funds may only be used for capital construction costs. Describe the type and amount of additional funds that will be required to support ineligible ongoing costs (e.g. instruction, supplies) associated with any additional pre-kindergarten classrooms that the district plans to add.

(No Response)

4. All plans and specifications for the erection, repair, enlargement or remodeling of school buildings in any public school district in the State must be reviewed and approved by the Commissioner. Districts that plan capital projects using their Smart Schools Bond Act funds will undergo a Preliminary Review Process by the Office of Facilities Planning.

Please indicate on a separate row each project number given to you by the Office of Facilities Planning.

Project Number
(No Response)

5. If you have made an allocation for Pre-Kindergarten Classrooms, complete this table. Note that the calculated Total at the bottom of the table must equal the Total allocation for this category that you entered in the SSIP Overview overall budget.

	Sub-Allocation
Construct Pre-K Classrooms	(No Response)
Enhance/Modernize Educational Facilities	(No Response)
Other Costs	(No Response)
Totals:	0

6. Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category. This is especially important for any expenditures listed under the "Other" category. All expenditures must be capital-bond eligible to be reimbursed through the SSBA. If you have any questions, please contact us directly through smartschools@nysed.gov. Add rows under each sub-category for additional items, as needed.

Smart Schools Investment Plan - SSIP Spring 2017

Pre-Kindergarten Classrooms

Page Last Modified: 06/13/2017

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)

Smart Schools Investment Plan - SSIP Spring 2017

Replace Transportable Classrooms

Page Last Modified: 06/09/2017

Group 1

1. Describe the district’s plan to construct, enhance or modernize education facilities to provide high-quality instructional space by replacing transportable classrooms.

(No Response)

2. All plans and specifications for the erection, repair, enlargement or remodeling of school buildings in any public school district in the State must be reviewed and approved by the Commissioner. Districts that plan capital projects using their Smart Schools Bond Act funds will undergo a Preliminary Review Process by the Office of Facilities Planning.

Please indicate on a separate row each project number given to you by the Office of Facilities Planning.

Project Number
(No Response)

3. For large projects that seek to blend Smart Schools Bond Act dollars with other funds, please note that Smart Schools Bond Act funds can be allocated on a pro rata basis depending on the number of new classrooms built that directly replace transportable classroom units.

If a district seeks to blend Smart Schools Bond Act dollars with other funds describe below what other funds are being used and what portion of the money will be Smart Schools Bond Act funds.

(No Response)

4. If you have made an allocation for Replace Transportable Classrooms, complete this table. Note that the calculated Total at the bottom of the table must equal the Total allocation for this category that you entered in the SSIP Overview overall budget.

	Sub-Allocation
Construct New Instructional Space	(No Response)
Enhance/Modernize Existing Instructional Space	(No Response)
Other Costs	(No Response)
Totals:	0

5. Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category. This is especially important for any expenditures listed under the "Other" category. All expenditures must be capital-bond eligible to be reimbursed through the SSBA. If you have any questions, please contact us directly through smartschools@nysed.gov. 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)

Smart Schools Investment Plan - SSIP Spring 2017

High-Tech Security Features

Group 1

1. Describe how you intend to use Smart Schools Bond Act funds to install high-tech security features in school buildings and on school campuses.

(No Response)

2. All plans and specifications for the erection, repair, enlargement or remodeling of school buildings in any public school district in the State must be reviewed and approved by the Commissioner. Districts that plan capital projects using their Smart Schools Bond Act funds will undergo a Preliminary Review Process by the Office of Facilities Planning.

Please indicate on a separate row each project number given to you by the Office of Facilities Planning.

Project Number
(No Response)

3. Was your project deemed eligible for streamlined Review?

- Yes
- No

4. Include the name and license number of the architect or engineer of record.

Name	License Number
(No Response)	(No Response)

5. If you have made an allocation for High-Tech Security Features, complete this table.

Note that the calculated Total at the bottom of the table must equal the Total allocation for this category that you entered in the SSIP Overview overall budget.

	Sub-Allocation
Capital-Intensive Security Project (Standard Review)	(No Response)
Electronic Security System	(No Response)
Entry Control System	(No Response)
Approved Door Hardening Project	(No Response)
Other Costs	(No Response)
Totals:	0

6. Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category. This is especially important for any expenditures listed under the "Other" category. All expenditures must be capital-bond eligible to be reimbursed through the SSBA. If you have any questions, please contact us directly through smartschools@nysed.gov.

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)

Smart Schools Investment Plan - SSIP Spring 2017

Report

Smart Schools Investment Plan - SSIP Spring 2017

PPU Report
