Smart Schools Investment Plan - Revised - SV_V1

SSIP Overview

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Institution ID

800000055000

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

Jason Luke

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

607-775-9143

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

jluke@svsabers.org

2. Please indicate below whether this is the first submission, a new or supplemental submission or an amended submission of an approved 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

5. Does your district contain nonpublic schools?

☐ Yes
☐ Yes, but they have since closed or moved out of district
☑ No

6. 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 occured 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.

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6a. 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.

Projected Smart Schools Plan.pdf

6b. 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.svsabers.org/Formsanddocuments.aspx

7. 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.

1,800

8. 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.

9. 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)

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

(No Response)

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

$1,594,225

12. Final 2014-15 BEDS Enrollment to calculate Nonpublic Sharing Requirement

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	1,550	0	1,550.00	0.00

13. 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 zero, you will not be required to complete that survey question.

	Sub-Allocations	Expenditure Totals	Difference
School Connectivity	243,594.00	243,594.00	0.00
Connectivity Projects for Communities	0.00	0.00	0.00
Classroom Technology	487,830.00	487,830.00	0.00
Pre-Kindergarten Classrooms	0.00	0.00	0.00
Replace Transportable Classrooms	0.00	0.00	0.00
High-Tech Security Features			

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	Sub-Allocations	Expenditure Totals	Difference
	749,479.00	749,479.00	0.00
Nonpublic Loan	0.00	0.00	0.00
Totals:	**1,480,903**	**1,480,903**	**0**

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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 had already accomplished this level of standard. The district's student enrollment on BEDS day of 2015-16 was 1510. Each of the buildings within the Susquehanna Valley CSD is configured with a 1Gbps uplink to the high school. The high school then connects to Broome Tioga BOCES via a 10 Gbps link and then a 3 Gbps link from there to the ISP/Internet. Smart Schools Bond Act funds would be used to maintain and increase these speeds.

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). If the district currently meets the required speed, enter "Currently Met" in the last box: Expected Date When Required Speed Will be Met.

	Number of Students	Required Speed in Mbps	Current Speed in Mbps	Expected Speed to be Attained Within 12 Months	Expected Date When Required Speed Will be Met
Calculated Speed	1,510	151.00	1000	1000	NA

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

Technology infrastructure would be enhanced and updated at Susquehanna Valley High School, Richard T. Stank Middle School, F.P. Donnelly Elementary and Brookside Elementary. We will be investing in new wireless access points at all four schools including new wireless controllers. We will also do additional network infrastructure including UPS, switches and server upgrades.

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4. Describe the linkage between the district's District Instructional Technology Plan and how the proposed projects will improve teaching and learning. (There should be a link between your response to this question and your responses to Question 1 in Section IV - NYSED Initiatives Alignment: "Explain how the district use of instructional technology will serve as a part of a comprehensive and sustained effort to support rigorous academic standards attainment and performance improvement for students."

Your answer should also align with your answers to the questions in Section II - Strategic Technology Planning and the associated Action Steps in Section III - Action Plan.)

The Susquehanna Valley CSD currently has a one-to-one program for student devices starting in sixth grade and going through tenth grade. Next year, we will be expanding that program to include fourth and fifth grade in the elementary schools and eleventh and twelfth grade in the high school. We will be providing Chromebooks to all high school students and iPads to all students fourth grade through eighth grade with device clusters in the remaining grade levels.. Teachers have been using these devices to accomplish two goals: 1. To teach and model the proper use of technology for research and creatiion. 2. To teach and model digital citizenship. These goals reflecting the goals of our Technology Survey and the goals and mission statement of the district. For the 2015-2016 school year, approximately 280 additional iPads were purchased. Teachers have been trained over the past few summers on using these versatile devices. In the coming years, the plan is to move iPads to the elementary schools and use Chromebooks in the upper levels. iPads are more usable at the primary grades and they will continue to be supported.

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.

The district determined the total number of wireless devices currently supported throughout the district and has implemented a centralized wireless controller managing 175 AP's throughout the district in order to support our one to one program. Using heat maps we have placed AP's throughout our buildings to ensure all area's have the proper coverage and have placed higher density AP's in our areas of heavy traffic.

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
03-06-01-06-0-014-011
03-06-01-06-0-003-013
03-06-01-06-0-006-016
03-06-01-06-0-010-012

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

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

Name	License Number
Steven Thesier	33513

9. Public Loanable Expenditures

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Select the allowable expenditure type. Repeat to add another item under each type.	**PUBLIC** Items to be Purchased	Quantity	Cost Per Item	Total Cost
(No Response)	(No Response)	(No Response)	(No Response)	0.00
		0	**0.00**	**0**

10. Public Non-Loanable Expenditures

Select the allowable expenditure type. Repeat to add another item under each type.	**PUBLIC** Items to be purchased	Quantity	Cost per Item	Total Cost
Network/Access Costs	Aruba Policy Enforcement Firewall	20	37.00	740.00
Network/Access Costs	Aruba AirWave	15	39.00	585.00
Network/Access Costs	Aruba LIC-AP Controller	20	38.00	760.00
Network/Access Costs	Tripp Lite 1000VA 900W UPS Smart Online LCD Tower 120V USB DB9 SNMP RT	5	529.00	2,645.00
Connections/Components	Tripp Lite UPS Web Management Accessory Card SNMP Remote Monitoring HTML5	19	231.00	4,389.00
Connections/Components	HPE Stacking cable	31	74.00	2,294.00
Network/Access Costs	Tripp Lite 2200VA 1920W UPS Smart Rackmount AVR 120V USB DB9 SNMP 2URM	4	863.00	3,452.00
Network/Access Costs	Tripp Lite 1500VA 1440W UPS Smart Rackmount AVR 120V USB DB9 SNMP 2URM	4	721.00	2,884.00
Network/Access Costs	Tripp Lite Smart Online UPS 24V RM 3U External Battery Pack	4	826.00	3,304.00
Connections/Components	HPE Expansion module - Gigabit Ethernet / 10 Gigabit SFP+ x 8	3	3,216.00	9,648.00
Connections/Components	HPE SFP+ transceiver module - 10 Gigabit Ethernet	4	1,395.00	5,580.00
Network/Access Costs	Tripp Lite Smart Online UPS 24V RM 2U External Battery Pack	5	366.00	1,830.00
Network/Access Costs	Aruba Policy Enforcement Firewall	2	37.00	74.00
Connections/Components	HPE Network stacking module	31	509.00	15,779.00
Network/Access Costs	Aruba Aruba 7205 (US) Controller	2	6,497.00	12,994.00
Connections/Components	Tripp Lite Environmental Sensor w/ Temp & Humidity Monitor & Digital Inputs	19	97.00	1,843.00
Network/Access Costs	HPE Foundation Care Next Business	2	1,795.00	3,590.00

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Select the allowable expenditure type. Repeat to add another item under each type.	**PUBLIC** Items to be purchased	Quantity	Cost per Item	Total Cost
	Day Exchange Service Extended service agreement			
Network/Access Costs	Tripp Lite 2200VA 1920W UPS Smart Rackmount Sine Wave LCD AVR 120V USB 2U	8	878.00	7,024.00
Connections/Components	Aruba Power cable	2	67.00	134.00
Network/Access Costs	Aruba AP-277	2	1,527.00	3,054.00
Connections/Components	HPE Power supply (plug-in module)	2	827.00	1,654.00
Connections/Components	HPE SFP+ transceiver module - 10 Gigabit Ethernet	19	452.00	8,588.00
Connections/Components	Tripp Lite 48VDC External Battery Pack Select AVR Online UPS Rack Tower 2U	18	625.00	11,250.00
Network/Access Costs	Aruba Outdoor Short Mount Kit	2	75.00	150.00
Connections/Components	HPE SFP+ transceiver module	2	452.00	904.00
Network/Access Costs	Aruba LIC-AP Controller	2	38.00	76.00
Network/Access Costs	Aruba AP-315	175	450.00	78,750.00
Network/Access Costs	Aruba 5412R 92GT PoE+ / 4SFP+ (No PSU) v3 zl2 Switch	1	7,984.00	7,984.00
Connections/Components	Aruba SFP+ transceiver module	2	867.00	1,734.00
Network/Access Costs	HPE Foundation Care 24x7 Service	20	6.00	120.00
Network/Access Costs	HPE Foundation Care 24x7 Service	20	6.00	120.00
Network/Access Costs	Tripp Lite 1000VA 900W UPS Smart Online LCD Tower 120V USB DB9 SNMP RT	4	529.00	2,116.00
Network/Access Costs	Aruba AirWave	2	24.00	48.00
Network/Access Costs	HPE Management Module	1	1,720.00	1,720.00
Connections/Components	Aruba SFP+ transceiver module	2	622.00	1,244.00
Connections/Components	Aruba Power cable	2	5.00	10.00
Network/Access Costs	Aruba 2920-48G-PoE+ 740 W Switch	17	2,619.00	44,523.00
		493	**37,043.00**	**243,594**

11. Final 2014-15 BEDS Enrollment to calculate Nonpublic Sharing Requirement (no changes allowed.)

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	1,550	0	1,550.00	0.00

12. Loanable Budget Items

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	Public Allocations	Estimated Nonpublic Loan Amount	Estimated Total Sub-Allocations
Network/Access Costs	(No Response)	0.00	0.00
School Internal Connections and Components	(No Response)	0.00	0.00
Other	(No Response)	0.00	0.00
Totals:	**0.00**	**0**	**0**

13. Non-Loanable Budget Items

	Sub-Allocation
Network/Access Costs	178,543.00
Outside Plant Costs	(No Response)
School Internal Connections and Components	65,051.00
Professional Services	(No Response)
Testing	(No Response)
Other Upfront Costs	(No Response)
Other Costs	(No Response)
Totals:	**243,594.00**

14. School Connectivity Totals

	Total Sub-Allocations
Total Loanable Items	0.00
Total Non-loanable Items	243,594.00
Totals:	**243,594**

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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. 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)	0.00
		0	**0.00**	**0**

7. 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)

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	Sub-Allocation
Other Costs	(No Response)
Totals:	**0.00**

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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 had already accomplished this level of standard. The district's student enrollment on BEDS day of 2015-16 was 1510. Each of the buildings within the Susquehanna Valley CSD is configured with a 1Gbps uplink to the high school. The high school then connects to Broome Tioga BOCES via a 10 Gbps link and then a 3 Gbps link from there to the ISP/Internet. Smart Schools Bond Act funds would be used to maintain and increase these speeds.

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). If the district currently meets the required speed, enter "Currently Met" in the last box: Expected Date When Required Speed Will be Met.

	Number of Students	Required Speed in Mbps	Current Speed in Mbps	Expected Speed to be Attained Within 12 Months	Expected Date When Required Speed Will be Met
Calculated Speed	1,510	151.00	1000	1000	NA

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.

The district determined the total number of wireless devices currently supported throughout the district and has implemented a centralized wireless controller managing 175 AP's throughout the district in order to support our one to one program. Using heat maps we have placed AP's throughout our buildings to ensure all area's have the proper coverage and have placed higher density AP's in our areas of heavy traffic.

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.

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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.

In the instructional environment, 100% of the classrooms have either an interactive LCD projector or a LCD project and an interactive whiteboard. A majority of the classroom projectors range in age from 5 to 10 years old. The interactive whiteboards range in age from 5 to 10 years old. Over the past few years, Susquehanna Valley CSD has seen a dramatic increase in the failure rates of projector bulbs, projectors, and interactive whiteboards. None of current devices in the current solutions are under warranty and down time is beginning to have a substantial effect on the instructional environment. To resolve this issue, the District intends to replace all of the interactive display solutions in classrooms and instructional spaces with interactive LED displays. The interactive LED displays will dramatically increase resolution, image quality, reliability, longevity, and significantly reduce maintenance.

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?"
In addition, describe how the district ensures equitable access to instruction, materials and assessments and participation in the general curriculum for both SWD and English Language Learners/Multilingual Learners (ELL/MLL) students.

The upgrade of all classroom displays will substantially enhance the learning environment by improving the visual and interactive experience for all learners. The integration of LED interactive displays throughout the district will open the door to a wide variety of instructional opportunities for all staff and students. Whether it be the ability to integrate high quality digital resources into the learning environment or the opportunity for video collaboration between classrooms or anywhere in the world. The benefits for all within our learning environment be substantial and dramatic. The board chosen, and its native software allows for the board to be segmented into 4 zones. This will allow the teacher to utilize different learning styles and levels so that all students are involved in the learning process. The software included also allows for lessons to be recorded. Teachers can then upload them to a learning management system for students to review the lesson at home to better understand the concept(s) taught that day. An interactive whiteboard is the perfect facilitator of learning for students with disabilities and ELL students. It can accommodate multiple learning styles including tactile, audio, and visual. For example, a student whose visual or hearing capacity is diminished will benefit from the large size of the interactive whiteboard along with the zoom feature that permits magnification of the image. Interactive whiteboards fall into the spectrum of universal design, as they offer the teacher many creative opportunities to develop lessons that are engaging as well as informative and entertaining that benefit all students. The interactive LED displays will be replaced in all district classrooms. This technology provides access to a variety of learning experiences for students that are captivating and engaging, promoting and supporting the growth of all students regardless of ability in an inclusive and collaborative environment.

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 upgrade of visual systems in all instructional spaces will provide numerous opportunities for staff, students, and to not only access beneficial content, but also to create and share content. The digital displays being added throughout the district will be integrated with other technologies such as iPads, Chromebooks and software like Smart Notebook and Schoology and will increase access to information from all instructional spaces. Each instructional space will have the ability to connect with other sources within or outside the district as well as to originate content to be delivered within or outside the district. The flexibility and power of this solution will provide numerous opportunities to develop and enhance relationships with outside agencies such as, connections with local universities to support the curriculum or professional practice through the use of distance learning connections and virtual field trips.

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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."

Our district employs a number of individuals to provide technology support to our staff. We have a full time Director of Technology and Curriculum with a background in instructional technology training, and each building has a full time computer lab aide who are trained to assist staff members. Our Director has the ability to provide trainings within and outside of the school day that are aligned with the goals and current initiatives. In additions to our own staff, we participate in Broome Tioga BOCES to bring in outside trainers and our teachers attend Teacher Center classes at our local Teacher's Center. A breakdown of our technology sessions are available in our instructional technology plan. We will continue to offer workshops in areas such as:
Google Apps for Education
Schoology Classes for Classroom Management and Content Sharing
Programming and Coding
Participate in local EdTech Camps for integration

9. Districts must contact one of the SUNY/CUNY teacher preparation programs listed on the document on the left side of the page 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.

Binghamton University

9b. Enter the primary Institution phone number.

(607) 777-2000

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. Susan Strehle

10. 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.

11. 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.

12. Referring to the attached document "List of Eligible Items by Category and Sub-Category", please detail the type, quantity, per unit cost and total cost of the eligible PUBLIC 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

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be reimbursed through the SSBA. If you have any questions, please contact us directly through smartschools@nysed.gov.
Do not list any Nonpublic expenditures. These must be entered in the new Nonpublic Category at the end of the SSIP.
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
Interactive Whiteboards	Interactive Flat Panel Displays	138	3,535.00	487,830.00
		138	**3,535.00**	**487,830**

13. Final 2014-15 BEDS Enrollment to calculate Nonpublic Sharing Requirement (no changes allowed.)

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	1,550	0	1,550.00	0.00

14. If you are submitting an allocation for Classroom Learning Technology complete this table.

	Public School Sub-Allocation	Estimated Nonpublic Loan Amount (Based on Percentage Above)	Estimated Total Public and Nonpublic Sub-Allocation
Interactive Whiteboards	487,830.00	0.00	487,830.00
Computer Servers	(No Response)	0.00	0.00
Desktop Computers	(No Response)	0.00	0.00
Laptop Computers	(No Response)	0.00	0.00
Tablet Computers	(No Response)	0.00	0.00
Other Costs	(No Response)	0.00	0.00
Totals:	**487,830.00**	**0**	**487,830**

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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. 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)	0.00
		0	**0.00**	**0**

6. 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)

Pre-Kindergarten Classrooms

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	Sub-Allocation
Enhance/Modernize Educational Facilities	(No Response)
Other Costs	(No Response)
Totals:	**0.00**

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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. 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)	0.00
		0	**0.00**	**0**

5. 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:	**0.00**

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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.

The High Tech Security Features will include the following:
Brookside Elementary
- Creation of a secure vestibule at the main entry point to control visitor access to the building.
- Installation of security camera system
Donnelly Elementary
- Creation of a secure vestibule at the main entry point to control visitor access to the building.
- Installation of security camera system
Middle School
- Creation of a secure vestibule at the main entry point to control visitor access to the building.
- Installation of security camera system
High School
- Creation of a secure vestibule at the main entry point and the District Office entry to control visitor access to the building.
- Installation of security camera system
Door Access Control Upgrades - Provide door controllers and new head end equipment to the existing card access system.

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
03-06-01-06-0-003-013
03-06-01-06-0-010-012
03-06-01-06-0-014-011
03-06-01-06-0-006-016

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
Steven Thesier	33513

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.

High-Tech Security Features

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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
Capital-Intensive Security Project	Donnelly Elementary Secure Vestibule - Access Control Reader	1	1,000.00	1,000.00
Capital-Intensive Security Project	District Office Secure Vestibule - Door Operator and Electric Strike	1	20,000.00	20,000.00
Capital-Intensive Security Project	Donnelly Elementary Secure Vestibule - Demolition	1	1,000.00	1,000.00
Capital-Intensive Security Project	Brookside Elementary Secure Vestibule - Misc. Finish Renovations	1	2,000.00	2,000.00
Capital-Intensive Security Project	Donnelly Elementary Secure Vestibule - Electrical Wiring and Misc. Renovations	1	5,000.00	5,000.00
Capital-Intensive Security Project	Middle School Secure Vestibule - Electric Strike	1	2,000.00	2,000.00
Capital-Intensive Security Project	Brookside Elementary Secure Vestibule - Security Sliding Window with Bullet Proof Glass	1	9,000.00	9,000.00
Capital-Intensive Security Project	High School Secure Vestibule - Demolition	1	2,000.00	2,000.00
Entry Control System	Camera server headend equipment	1	51,377.00	51,377.00
Capital-Intensive Security Project	Middle School Secure Vestibule - Bullet Resistant Security Film	1	5,000.00	5,000.00
Capital-Intensive Security Project	District Office Secure Vestibule - Electrical Wiring and Misc. Renovations	1	5,000.00	5,000.00
Capital-Intensive Security Project	Brookside Elementary Secure Vestibule - New Wood Door and Hollow Metal Frame (2 hr fire rated)	1	2,000.00	2,000.00
Capital-Intensive Security Project	District Office Secure Vestibule - Access Control Reader	1	1,000.00	1,000.00
Capital-Intensive Security Project	Brookside Elementary Secure Vestibule - Bullet Resistant Security Film	1	5,000.00	5,000.00
Capital-Intensive Security Project	Donnelly Elementary Secure Vestibule - Misc. Finish Renovations	1	2,000.00	2,000.00
Capital-Intensive Security Project	District Office Secure Vestibule - Entry Soffit	1	2,000.00	2,000.00
Capital-Intensive Security Project	High School Secure Vestibule - Access Control Reader	1	1,000.00	1,000.00
Capital-Intensive Security	High School Secure Vestibule - New	1	16,000.00	16,000.00

High-Tech Security Features

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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
Project	Aluminum Storefront with Egress Doors			
Capital-Intensive Security Project	Middle School Secure Vestibule - Electrical Wiring and Misc. Renovations	1	5,000.00	5,000.00
Capital-Intensive Security Project	High School Secure Vestibule - Electrical Wiring and Misc. Renovations	1	5,000.00	5,000.00
Capital-Intensive Security Project	Donnelly Elementary Secure Vestibule - Bullet Resistant Security Film	1	5,000.00	5,000.00
Capital-Intensive Security Project	Brookside Elementary Secure Vestibule - Electrical Wiring and Misc. Renovations	1	5,000.00	5,000.00
Capital-Intensive Security Project	District Office Secure Vestibule - Metal Stud Partition Wall	1	4,000.00	4,000.00
Electronic Security System	IP Security Cameras	126	3,477.00	438,102.00
Capital-Intensive Security Project	District Office Secure Vestibule - Entry Floor Infill (Terrazzo)	1	2,000.00	2,000.00
Capital-Intensive Security Project	District Office Secure Vestibule - Demolition	1	6,000.00	6,000.00
Capital-Intensive Security Project	Brookside Elementary Secure Vestibule - Electric Strike	1	2,000.00	2,000.00
Capital-Intensive Security Project	High School Secure Vestibule - CMU Wall Infill	1	1,000.00	1,000.00
Capital-Intensive Security Project	High School Secure Vestibule - Bullet Resistant Security Film	1	7,000.00	7,000.00
Capital-Intensive Security Project	Middle School Misc. Finish Renovations	1	2,000.00	2,000.00
Capital-Intensive Security Project	Brookside Elementary Secure Vestibule - Fire Shutter	1	4,000.00	4,000.00
Capital-Intensive Security Project	Middle School Secure Vestibule - New Aluminum Storefront with Egress Doors	1	24,000.00	24,000.00
Capital-Intensive Security Project	Brookside Elementary Secure Vestibule - Security Office Finishes (VCT, ACT, Paint)	1	4,000.00	4,000.00
Capital-Intensive Security Project	Donnelly Elementary Secure Vestibule - Fire Shutter	1	4,000.00	4,000.00
Capital-Intensive Security Project	Donnelly Elementary Secure Vestibule - Electric Strike	1	2,000.00	2,000.00

High-Tech Security Features

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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
Capital-Intensive Security Project	Brookside Elementary Secure Vestibule - Metal Stud Partition Wall	1	1,000.00	1,000.00
Capital-Intensive Security Project	District Office Secure Vestibule - Misc. Finish Renovations	1	2,000.00	2,000.00
Capital-Intensive Security Project	High School Secure Vestibule - Misc. Finish Renovations	1	2,000.00	2,000.00
Capital-Intensive Security Project	Middle School Secure Vestibule - Demolition	1	4,000.00	4,000.00
Other Costs	Architectural fees	1	43,000.00	43,000.00
Capital-Intensive Security Project	High School Secure Vestibule - Electric Strike	1	2,000.00	2,000.00
Capital-Intensive Security Project	Donnelly Elementary Secure Vestibule - Security Sliding Window with Bullet Proof Glass	1	9,000.00	9,000.00
Capital-Intensive Security Project	District Office Secure Vestibule - Display Case	1	5,000.00	5,000.00
Capital-Intensive Security Project	Brookside Elementary Secure Vestibule - Security Office MEP (ventilation, power, data, telephone, etc.)	1	8,000.00	8,000.00
Capital-Intensive Security Project	High School Secure Vestibule - Door Operator and Electric Strike	1	9,000.00	9,000.00
Capital-Intensive Security Project	High School Secure Vestibule - New Wood Door and Hollow Metal Frame	1	1,000.00	1,000.00
Capital-Intensive Security Project	District Office Secure Vestibule - New Wood Door and Hollow Metal Frame (2 hr fire rated)	1	5,000.00	5,000.00
Capital-Intensive Security Project	Brookside Elementary Secure Vestibule - Demolition	1	2,000.00	2,000.00
Capital-Intensive Security Project	District Office Secure Vestibule - Bullet Resistant Security Film	1	3,000.00	3,000.00
Capital-Intensive Security Project	Brookside Elementary Secure Vestibule - Access Control Reader	1	1,000.00	1,000.00
		175	**314,854.00**	**749,479**

6. 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)	

High-Tech Security Features

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	Sub-Allocation
	217,000.00
Electronic Security System	438,102.00
Entry Control System	51,377.00
Approved Door Hardening Project	(No Response)
Other Costs	43,000.00
Totals:	**749,479.00**

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