

Smart Schools Investment Plan - Revised - SSBA 2 Supplement

SSIP Overview

Institution ID

800000036553

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

Kyle Ackland

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

607-738-2364

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

kackland@gstbooces.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.

Supplemental 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.

Parents

Teachers

Students

Community members

This plan has been identified as a Remote Learning Plan and meets the criteria per the SSBA Guidance to be submitted and reviewed on an expedited basis, therefore the district did not consult with certain stakeholder groups including parents, teachers, students, community members and/or nonpublic schools in the district prior to submission of the application.

5. Did your district contain nonpublic schools in 2014-15?

Yes

Yes, but they have all since closed, moved out of district or are declining use of SSBA funds

No

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6. Certify that the following required steps have taken place by checking the boxes below:

- 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.
- This Plan has been identified as a Remote Learning Plan and meets the criteria per the SSBA Guidance to be submitted and reviewed on an expedited basis, therefore this plan has not met certain stakeholder engagement requirements including, consulting with nonpublic schools in advance of plan submission, having the school board conduct a hearing on the plan and/or posting the plan to the district website for a minimum of 30 days. This district will post the Remote Learning Plan to the district's website upon submission of the application.

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.

print-survey.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.

https://www.waverlyschools.com/documents/SSBA_Amendment1.pdf

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.

1,477

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:

\$1,626,225

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

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	1,580	0	1,580.00	0.00

13. This table compares each category budget total, as entered in that category's page, to the total expenditures listed in the category's expenditure table. Any discrepancies between the two must be resolved before submission.

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	Sub-Allocations	Expenditure Totals	Difference
School Connectivity	30,000.00	30,000.00	0.00
Connectivity Projects for Communities	0.00	0.00	0.00
Classroom Technology	374,900.00	374,900.00	0.00
Pre-Kindergarten Classrooms	0.00	0.00	0.00
Replace Transportable Classrooms	0.00	0.00	0.00
High-Tech Security Features	0.00	0.00	0.00
Nonpublic Loan	0.00	0.00	0.00
Totals:	404,900	404,900	0

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School Connectivity

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 Waverly Central School District exceeds 100 Mbps per 1000 students.
 Waverly currently connects to their ISP with a 10 Gbps fiber backbone, provides 10 Gbps fiber links between switches throughout the LAN, and 1 Gbps Ethernet links to every wireless access point.
 Every classroom in Waverly CSD has a wireless access point in it, giving Waverly 100% wireless coverage.
 Waverly recently updated all wireless access points in the district to Cisco Catalyst 9120AX Series APs which are capable of 10 Gbps if needed.

- 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	1,477	147.70	10000	10000	Currently Met

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

Waverly will use SSBA funds in conjunction with E-rate to maintain or improve current bandwidth per student and wireless connectivity. Waverly uses an 8 year life cycle for switching and routing equipment. The equipment has been purchased in such a way that approximately 1/8th of the network equipment ages out each year and needs to be replaced.
 We will be using this allocation to purchase switching equipment that is being aged out.

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School Connectivity

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 Waverly Central School District has implemented a one-to-one learning environment in grades K-12. Waverly classrooms utilize wireless devices that incorporate innovation, digital literacy, and career and life skills. The product of this integration is authentic learning tasks that align to New York State Common Core Standards and are integrated into future curricular objectives and instructional units/lessons. Waverly teachers utilize this capacity both in instruction as well as in the development of lifelong student learning skills. To maintain Waverly's one-to-one program, the network infrastructure must be updated annually. SSBA funding for school connectivity will ensure Waverly can continue to provide a robust network years into the future.

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.

Waverly is installing 10 Gbps single-mode fiber between all switches in the district during the summer of 2021. Waverly has already updated all 140 wireless access points in the district which are fed via Cat6 Ethernet cable capable of 1Gbps. Waverly's wired and wireless network exceeds the standards set forth by NYSED. SSBA funding will help Waverly continue this trend.

6. Smart Schools plans with any expenditures in the School Connectivity category require a project number from the Office of Facilities Planning. Districts must submit an SSBA LOI and receive project numbers prior to submitting the SSIP. As indicated on the LOI, some projects may be eligible for a streamlined review and will not require a building permit.

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

Project Number
60-01-01-06-7-999-BA1

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?

Yes

- 7a. Districts that choose the Streamlined Review Process will be required to certify that they have reviewed all installations with their licensed architect or engineer of record and provide that person's name and license number. The licensed professional must review the products and proposed method of installation prior to implementation and review the work during and after completion in order to affirm that the work was code-compliant, if requested.

I certify that I have reviewed all installations with a licensed architect or engineer of record.

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

Name	License Number
Dan Whelan	184561

9. Public Expenditures – Loanable (Counts toward the nonpublic loan calculation)

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School Connectivity

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 Expenditures – Non-Loanable (Does not count toward nonpublic loan calculation)

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	Cisco C9300 Switch	5	6,000.00	30,000.00
		5	6,000.00	30,000

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

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	1,580	0	1,580.00	0.00

12. Total Public Budget - Loanable (Counts toward the nonpublic loan calculation)

	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. Total Public Budget – Non-Loanable (Does not count toward the nonpublic loan calculation)

	Sub-Allocation
Network/Access Costs	30,000.00
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:	30,000.00

14. School Connectivity Totals

	Total Sub-Allocations
Total Loanable Items	

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School Connectivity

	Total Sub-Allocations
	0.00
Total Non-loanable Items	30,000.00
Totals:	30,000

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Community Connectivity (Broadband and Wireless)

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.

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)
Other Costs	(No Response)
Totals:	0.00

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Classroom Learning Technology

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.

Waverly Central receives broadband services through Greater Southern Tier BOCES via the Southern Tier Network. Waverly is currently provided 10Gbps of bandwidth through the regional contract with the Southern Tier Network. Waverly exceeds the criteria identified above.

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	1,477	147.70	10000	10000	Currently Meets Standard

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.

Waverly is installing 10Gbps single-mode fiber between all switches in the district during the summer of 2021. Waverly has already updated all 140 wireless access points in the district which are fed via Cat6 Ethernet cable capable of 1Gbps. Waverly’s wired and wireless network exceeds the standards set forth by NYSED. SSBA funding will help Waverly continue this trend.

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.**

The bulk of Waverly's spending plan will be allocated towards interactive panels (White Boards). To power the boards each room must be equipped with at least one conveniently located electrical outlet. Waverly has several outlets available in each room, and the electrical infrastructure in place will easily accommodate a panel in every classroom.

The Lenovo ThinkCenter Desktop Computers will be placed in a lab at Waverly's Innovation Center. The Innovation Center has an electrical infrastructure that will accommodate 20 computers, monitors, and other necessary components.

The laptops and tablets being purchased will be charged on pre-existing Belkin charging carts that are already in use at Waverly. Waverly's electrical infrastructure supports the Belkin charging carts and will continue to do so. iPad keyboards do not need any special infrastructure accommodations.

- 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.

Please note: If this plan has been identified as a Remote Learning Plan to be submitted and reviewed on an expedited basis, the district should explain how this plan will facilitate remote and hybrid learning, in lieu of responding to the question above.

Enhance differentiated instruction:

Providing a solution in every classroom like a ViewSonic ViewBoard is essential to differentiated instruction in the Covid era. ViewBoards will replace Waverly's aging Smart Board fleet and have several smart features that traditional whiteboards lack. Using ViewSonic's software, a student at home can interact with anything being presented on the ViewBoard. Students at home can also project their screen on to the ViewBoard for the rest of the class to see and interact with.

Expand student learning inside and outside the classroom:

The Lenovo Desktops and Laptops will be put to use in Waverly's Innovation Center to run Project Lead The Way programs such as Autocad, Revit, West Point Bridge Builder, and a variety of other STEM related software. The Innovation Center will also feature a green energy program where the high-end laptops and PCs will be put to good use.

Benefit students with disabilities and English language learners:

25 of the iPads being purchased in the spending plan will be used almost exclusively for students with disabilities and English language learners. iOS apps such as Proloquo To Go and Dragon Naturally Speaking are already in use in Waverly CSD and the addition of more iPads will allow Waverly to expand these programs.

Contribute to the reduction of other learning gaps that have been identified within the district:

Attendance is an issue that causes learning gaps for most districts. Waverly has developed a robust online program for students who cannot come to school due to Covid concerns, however even when class is being conducted online attendance is still an issue. Providing 25 iPads with keyboards as opposed to a traditional laptop will encourage students who cite the school laptop as an issue to attend online class more often. Presenting multiple device options for students attending class from home will strengthen Waverly's already thriving online program.

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- 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.**

Every item on the spending plan will assist with communication and distance learning. ViewBoards with smart features will allow students and parents to interact with an in person class from home. iPads and Lenovo laptops will assist students looking for a different device or those who need a higher-end device at home.

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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."

Please note: If this plan has been identified as a Remote Learning Plan to be submitted and reviewed on an expedited basis, the district should provide a statement confirming that the district has provided or will provide professional development on these devices to its staff, in lieu of responding to the question above.

Simple, powerful and intentional! That's the district's plan to provide staff development to our team and successfully enhance instruction and change the learning environment for the district. Rather than isolated instruction limited to using a specific piece of equipment, Waverly Central is planning a complete change in instruction that the equipment in this application is just one component. Retraining teachers to work with students in the 21st century classroom requires a true paradigm shift.

How to do this, was the very question raised during development of the district's first SMART Bond application during discussion with a mixed stakeholder team charged with helping the Waverly Central School District develop our written application by a parent member who is also a nurse educator at a local Medical Center. She was adamant in sharing that "all of this hardware and software will be meaningless unless faculty and staff receive training in how to use them with students to increase student achievement." Team members, including Board of Education members, affirmed the comment and were assured by district leadership that proper staff development would be held in support of the SMART bond initiative.

The district had already updated both its staff development and technology plans as required by the state education department. This provided a good basis for the use of hardware and software and staff development related to the same. However, several other initiatives were planned, with very specific and focuses initiatives. The primary staff development initiative the district pursued was to increase the use of an Instructional Support Specialist through GST BOCES. From .2 to .6 (3 days a week).

This position is responsible for working with faculty, staff, and students, and teaching them, through regular staff development session, group and individual trainings how to use and integrate instructional technology into curriculum and implementation of technology into lessons. Key to this support in individual classrooms, with both faculty and students supporting them in their use of technology. This will complement our technology directors' work with the same population.

The district will continue to offer staff development through participation in the GST BOCES Model Schools Initiative. This allows faculty and staff to attend high quality training on various curriculum initiatives and instructional initiative including the use of instructional technology.

Also, the district is taking a cue from another school district in our BOCES and is plant and will implant a one-day technology fair for our district. This will have all faculty and staff receive intense but valuable training in a fun environment.

The district will over specific staff development in the summer of 2020 via several local workshops in the district. Faculty will be compensated for it.

1. All of the learning listed above will then be integrated into actual student learning by offering summer curriculum and lesson plan development to faculty and compensating them for their efforts, after their Principal has approved their plan.
2. Once again, the district will send a team of administrates and faculty to Science, Technology, Engineering, Math (STEM) trainings and workshops. In a joint effort by Corning Inc. (fortune 500 Company) and GST BOCES.

Among other initiatives, this continues the districts commitment to expanding use of the FOSS science standards and increasing STEM activities at our elementary and middle school level. A curriculum specialist from BOCES works with our faculty in district, in their classes, following a day of training at BOCES in which teachers learn how to facilitate STEM learning in their classroom.

1. In addition to increasing STEM curium in class, other curriculum initiatives also demand the use of technology in instruction and necessary aligned staff development. These includes the use teaching of keyboarding skills and computer ettituete in the classrooms (k-8) , new Project Lead the Way(PLTW) Bio-medical course (8-12) , and the Microsoft classroom initiatives in K-8)

Taken all together the plan is simple. Very focused staff development with curriculum and lesson plan development in a well thought out and implemented manner. All which would be for naught if there was no accountability for the various initiatives. This will be accomplished in both formative and summative fashion by the district leadership evaluating building leadership on their efforts to shape the school and district culture for learning, including the use of instructional technology and staff development as measured via the negated Annual Professional Performance Review (APPR). Likewise, the same holds true for principals evaluating faculty via the negotiated APPR (Danielson) framework. Finally, all faculty have a say in the type of training and staff development being offered via surveys given to them throughout the year which allows them to indicate the specific training they think they need. After all, it's been said that the best staff development is one that teachers actually want!

In this manner, the overall district's strategic plans for the support of instructional technology and related staff development can be modified and adapted as necessary.

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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.

SUNY Binghamton

9b. Enter the primary Institution phone number.

607-777-6360

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. Erich Machan-Howd

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. Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category.

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	ViewSonic ViewBoard and Cart Package	108	2,500.00	270,000.00
Other Costs	Cart set up and AV cable set up (plugging in)	40	635.00	25,400.00
Desktop Computers	Lenovo Thincentre	20	1,200.00	24,000.00
Laptop Computers	Lenovo IdeaPad	35	900.00	31,500.00
Other Costs	iPad Keyboard	25	160.00	4,000.00
Tablet Computers	iPads	50	400.00	20,000.00
		278	5,795.00	374,900

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

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment				

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	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
	1,580	0	1,580.00	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	270,000.00	0.00	270,000.00
Computer Servers	0.00	0.00	0.00
Desktop Computers	24,000.00	0.00	24,000.00
Laptop Computers	31,500.00	0.00	31,500.00
Tablet Computers	20,000.00	0.00	20,000.00
Other Costs	29,400.00	0.00	29,400.00
Totals:	374,900.00	0	374,900

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Pre-Kindergarten Classrooms

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 new 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.

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)
Enhance/Modernize Educational Facilities	(No Response)
Other Costs	(No Response)
Totals:	0.00

Smart Schools Investment Plan - Revised - SSBA 2 Supplement

Replace Transportable Classrooms

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.

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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High-Tech Security Features

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. Smart Schools plans with any expenditures in the High-Tech Security category require a project number from the Office of Facilities Planning. Districts must submit an SSBA LOI and receive project numbers prior to submitting the SSIP. As indicated on the LOI, some projects may be eligible for a streamlined review and will not require a building permit. 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. Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category.

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 High-Tech Security Features, complete this table. Enter each Sub-category Public Allocation based on the the expenditures listed in Table #5.

	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:	0.00