

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

Nicole Wolfe

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

607-757-2114

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

nwolfe@uek12.org

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

First submission

3. All New York State public school districts are required to complete and submit a District Instructional Technology Plan survey to the New York State Education Department in compliance with Section 753 of the Education Law and per Part 100.12 of the Commissioner's Regulations. Districts that include investments in high-speed broadband or wireless connectivity and/or learning technology equipment or facilities as part of their Smart Schools Investment Plan must have a submitted and approved Instructional Technology Plan survey on file with the New York State Education Department.

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

District Educational Technology Plan Submitted to SED and Approved

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

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

- Parents
- Teachers
- Students
- Community members

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

- Yes
- No
- N/A

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

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

Smart Schools Investment Plan

SSIP Overview

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- 5a. Please upload the proposed Smart Schools Investment Plan (SSIP) that was posted on the district's website. 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.

Smart Schools Bond Act Final Plan.doc

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

4,000

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

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

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

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

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

(No Response)

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

\$2,984,582

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

	Sub-Allocations
School Connectivity	813,600
Connectivity Projects for Communities	0
Classroom Technology	511,000
Pre-Kindergarten Classrooms	0
Replace Transportable Classrooms	0
High-Tech Security Features	1,659,982
Totals:	2,984,582.00

Smart Schools Investment Plan

School Connectivity

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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 during the summer of 2014. The district's student enrollment on BEDS day of 2014-15 was 3910. Each of the buildings within the district 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. The current standard for our enrollment would be approximately 391 Mbps which exceeds the minimum standard currently in place. SSBA 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)**

	Number of Students	Multiply by 100 Kbps	Divide by 1000 to Convert to Required Speed in Mb	Current Speed in Mb	Expected Speed to be Attained Within 12 Months	Expected Date When Required Speed Will be Met
Calculated Speed	3,910	391,000	391	1000	1000	NA

3. **Briefly 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 Union-Endicott High School, the District Office and Linnaeus W. West School, including wireless connection to the Harvard Street building.
- Provide wireless infrastructure on athletic fields for community usage and instruction. For example, the Physical Education classes use the athletic fields (outside) from September until November and from April to June as their classroom. Indoors, the teachers use ipads every day for every class. They are unable to do so outside without the wireless infrastructure, substantially changing their teaching.
- Additional network infrastructure: UPS, cabling, switches, servers.

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

1. While not moving to a one-to-one status for student devices, continue to identify and rectify areas of inequity of access to technology for students. For example, providing chromebook and laptop carts in schools where demand is high. Teachers have been using these shared devices as class sets to do two things: teach and model the proper use of technology for research and creating products such as reports and presentations. And, secondly, to teach and model digital citizenship and the importance of your digital footprint. These goals reflecting the goals of our Technology Survey and the goals and mission statement of the district.
2. Also, reinstate the computer lab at TJW and AGM allowing students access to the internet for research and other instructional purposes. The district is using Schoology to connect students and teachers in and out of school hours. If we find a student who does not have access to the internet from home, we can loan devices and find access to wifi when needed. Also, continue to encourage teachers to use BYOD (Bring your own device) with students to tap into the vast resources found on the internet as relates to instruction.
3. For the 2015-2016 school year, approximately 200 chromebooks with carts were purchased. These will be deployed one to each school, with 2 at the high school and the middle school. From 24 to 30 chromebooks will be on each cart. Several teachers have been trained over the summer and will take the lead on using these versatile devices. In the next two years, the plan is to move from ipads to chromebooks due to the higher return on investment as it relates to student use and achievement. Ipads seem to be more usable at the primary grades and they will continue to be supported.
4. Take the pulse of teachers as it regards to technology usage primarily in the areas of software and device usage and sharing. The team helped develop a survey that will be taken by teachers at the beginning of the school year that will identify software that is being under utilized in addition to software that may be more useful. With limited resources to spend on software, reprioritize where they will do the most good.

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 167 AP's throughout the district in order to support these devices. 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. We also currently have licenses for 65 additional AP's in order to allocate new units for expanded device growth and are looking at extending our wireless network to our athletic fields to accommodate any outdoor classroom curriculum.

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.**

Project Number
031501060004014
031501060011035
031501061030005
031501065021009

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.**

Smart Schools Investment Plan

School Connectivity

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Name	License Number
Steven Thesier	33513

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

	Sub-Allocation
Network/Access Costs	219,800
Outside Plant Costs	0
School Internal Connections and Components	509,250
Professional Services	50,600
Testing	33,950
Other Upfront Costs	0
Other Costs	0
Totals:	813,600.00

10. To the extent possible, 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
Network/Access Costs	switches	65	3,000	195,000
Network/Access Costs	UPS	62	400	24,800
Connections/Components	data cabling	1,358	375	509,250
Testing	testing data drops	1,358	25	33,950
Professional Services	Architectural & Engineering fees	1	34,000	34,000
Professional Services	Construction Manager fees	1	16,600	16,600

Smart Schools Investment Plan

Community Connectivity (Broadband and Wireless)

Page Last Modified: 02/21/2016

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

(No Response)

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

(No Response)

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

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

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

(No Response)

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

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

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

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

7. To the extent possible, 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)	(No Response)

Smart Schools Investment Plan

Classroom Learning Technology

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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 during the summer of 2014. The district's student enrollment on BEDS day of 2014-15 was 3910. Each of the buildings within the district 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. The current standard for our enrollment would be approximately 391 Mbps which exceeds the minimum standard currently in place. SSBA 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)

	Number of Students	Multiply by 100 Kbps	Divide by 1000 to Convert to Required Speed in Mb	Current Speed in Mb	Expected Speed to be Attained Within 12 Months	Expected Date When Required Speed Will be Met
Calculated Speed	3,910	391,000	391	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 167 AP's throughout the district in order to support these devices. Using heat maps we have placed AP's throughout our buildings to ensure all areas have the proper coverage and have placed higher density AP's in our areas of heavy traffic. We also currently have licenses for 65 additional AP's in order to allocate new units for expanded device growth and are looking at extending our wireless network to our athletic fields to accommodate any outdoor classroom curriculum.

Smart Schools Investment Plan

Classroom Learning Technology

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4. **All New York State public school districts are required to complete and submit an Instructional Technology Plan survey to the New York State Education Department in compliance with Section 753 of the Education Law and per Part 100.12 of the Commissioner's Regulations.**

Districts that include educational technology purchases as part of their Smart Schools Investment Plan must have a submitted and approved Instructional Technology Plan survey on file with the New York State Education Department.

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

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

The plan as of right now is to buy additional ipads for primary grades, chromebooks for intermediate, middle and high school students, replacements for ipads that were bought several years ago, additional interactive whiteboards and projectors, smart TVs, and replacement desktop computers. Our district faced severe budget constraints during the Recession. We were unable to maintain the robust replacement schedule of the past. We are working to get back on a regular plan to ensure that students have access to reliable equipment. This includes desktops, laptops, interactive whiteboards and projectors and smart TVs.

Elementary teachers use ipads in center work, for remediation, for reward, and to address all learning styles. Our district has about 1000 ipads, but 300 of them are approaching obsolescence due to wear and tear and unsupported operating systems. The plan is for all teachers who wish to use ipads in their instruction to have at least 5. At the middle level, class sets are used by AIS teachers and classroom teachers. The advantages of the rich selection of apps with the touch screen are that students are engaged and resources are easy to access. However, as students get older, the word processing capability of the chromebooks, along with the selection of google apps make for buyin by teachers and students. We have put about 800 chromebooks in the six buildings, but this only scratches the surface of what teachers would use. This is a district with about 4000 students in 6 buildings. Teachers beg for more technology.

Over the years and several capital projects, the electrical service at all of our buildings has been brought up to code, at the very least, but exceeds it overall. As technology has become more efficient, the usage of electricity to support it has actually decreased. The addition of these new, highly efficient devices will not push us past our maximum capability, it will remain well below it.

Smart Schools Investment Plan

Classroom Learning Technology

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

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

As stated in question 5, the enhanced technology allows for teachers to focus remediation, set up centers during Math or ELA lessons, address varied learning styles, and make learning exciting and engaging. For older students, the chromebooks allow for easy access to the internet, ability to use google apps, use the word processor, along with learning 21st century skills for transition to college or the workplace. Technology in the classroom is essential and non-negotiable.

Students with IEPs or ELL students can access limitless resources on the internet through technology. Teachers make use of translation tools for ELL students that help them learn English while at the same time, keeping them learning with their classmates. The Committee on Special Ed has identified adaptive devices for students in their IEPs that level the playing field. A non-verbal child can communicate with an ipad.

Our students have struggled with the added rigor of the common core and using technology allows teachers to seek out limitless resources to help them. Although buying software is not in the realm of this money, we do continually add to the software licenses that we provide for teachers. A good example is MobyMax that provides Math remediation along with data analysis for teachers. Students use this on all sorts of devices, even from home.

7. **Where appropriate, briefly 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.**

One example is how many teachers are moving to a "flipped classroom" model where students must have access to technology outside of the school buildings. The additional devices and wireless capabilities will help with that model.

Our students who are in the Chinese culture classes regularly skype with a sister school in China, facilitated by our technology support team.

Parents have access through our Parent Portal to the school management system and through email to teachers.

Smart Schools Investment Plan

Classroom Learning Technology

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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."

Professional development for teachers is of the highest importance. While purchasing devices and software is important, if no one knows how to use them, it is wasted money. Work with EERC and PDRC from BOCES to target areas of highest need and provide PD for teachers. Encourage teachers who attended training in the summer to share their expertise with other teachers both informally and through EERC classes. Another suggestion from the team was to be creative with scheduling classes. For example, offer a class for teachers at AGM right at dismissal time.

The emphasis will be on professional development for using the chromebooks. I have already had the BOCES Technology Instruction Support person offer basic and advanced chromebook and Google applications classes and we will continue doing this. I have invited 16 teachers to attend the Connect ED workshop through NYSCATE to become resources in the schools for how to incorporate technology into instruction. During the summer teachers will be able to attend workshops through BOCES on chromebooks, Google, ipad apps, Schoology, gamification and others. Dustin Andrus, the trainer from BOCES will also come to schools for 1/2 day sessions. We have done this in the past and it works well. He sets himself up in a common area and teachers rotate in and out during their free periods. He answers questions specific to their needs. \

Members of the Technology Advisory Team have become resources in all buildings, especially in the area of software licenses.

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

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

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

Are there nonpublic schools within your school district?

Yes
 No

- 10a. Describe your plan to loan purchased hardware to nonpublic schools within your district. The plan should use your district's nonpublic per-student loan amount calculated below, within the framework of the guidance. Please enter the date by which nonpublic schools must request classroom technology items. Also, specify in your response the devices that the nonpublic schools have requested, as well as in the in the Budget and the Expenditure Table at the end of the page.

There has been annual communication with the principal of the non-public school in our district. There is a line item in the budget for use by this school. The principal is reminded in writing of these available funds by June 1st.

By using the calculator in question 10 below, the amount of money that will be used to purchase devices to lend to the non-public school in our district is \$20,286. In a meeting with Angela Tierno, the principal of the only non-public school in our district, she expressed an interest in a 1 to 1 initiative with their 3rd through 6th graders with chromebooks. This is approximately 70 chromebooks at approximately \$300 each for a total of \$21,000. Because this is over the calculated amount, we will loan her approximately 67 chromebooks. The additional \$186 will be used for other technology needs.

Smart Schools Investment Plan

Classroom Learning Technology

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- 10b. A final Smart Schools Investment Plan cannot be approved until school authorities have adopted regulations specifying the date by which requests from nonpublic schools for the purchase and loan of Smart Schools Bond Act classroom technology must be received by the district.

By checking this box, you certify that you have such a plan and associated regulations in place that have been made public.

11. Nonpublic Classroom Technology Loan Calculator

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

See:

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

	1. Classroom Technology Sub-allocation	2. Public Enrollment (2014-15)	3. Nonpublic Enrollment (2014-15)	4. Sum of Public and Nonpublic Enrollment	5. Total Per Pupil Sub-allocation	6. Total Nonpublic Loan Amount
Calculated Nonpublic Loan Amount	511,000	3,910	161	4,071	126	20,286

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

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

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

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

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

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

	Sub-Allocation
Interactive Whiteboards	91,000
Computer Servers	0
Desktop Computers	161,000
Laptop Computers	90,114
Tablet Computers	91,200
Other Costs	77,686
Totals:	511,000.00

Smart Schools Investment Plan

Classroom Learning Technology

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15. To the extent possible, 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	Smartboards Model SMB680	65	1,400	91,000
Tablet Computers	iPad Air 2	152	600	91,200
Laptop Computers	Dell 11	233	300	70,014
Desktop Computers	Dell Optiplex 9030 & 7440	230	700	161,000
Other Costs	projectors - Casio XJM151, XJM146 & XJ-UT310WN Models	45	900	40,500
Other Costs	televisions - Vizio 70	20	1,850	37,000
Laptop Computers	Dell 11 chromebooks for non public school	67	300	20,100
Other Costs	Remainder of non-public school allocation	1	186	186

Smart Schools Investment Plan

Pre-Kindergarten Classrooms

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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.

Project Number
(No Response)

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

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

6. To the extent possible, 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)	(No Response)

Smart Schools Investment Plan

Replace Transportable Classrooms

Page Last Modified: 02/21/2016

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.

Project Number
(No Response)

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

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

(No Response)

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

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

5. To the extent possible, 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)	(No Response)

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High-Tech Security Features

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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.

- Installation of Secure Vestibules
- Secure vestibules would be built at main entrances of the following buildings: Ann G. McGuinness Elementary, Charles F. Johnson, Jr. Elementary, George F. Johnson Elementary and Thomas J. Watson Elementary. The vestibule would allow for visitors to enter a secure area while staff determines their need for entrance. If access is needed, the visitor would enter through a controlled door. In order to successfully accomplish this modifications will need to occur to the main offices at two of the elementary schools and the entire main office will be relocated at the other two elementary schools so it is adjacent to the secure vestibule.
- Replacement of Security Cameras
- Security cameras would be replaced at the following buildings: George F. Johnson Elementary, Union-Endicott High School, Linnaeus W. West, Jennie F. Snapp Middle School and District Office.
- Ensure security recording equipment is consistent across buildings. (digital vs. DVR)
- Install additional security cameras as needed across buildings.

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.

Project Number
031501060006016
031501060003007
031501060004014
031501060011035
031501060012018
031501060016015
031501060017015
031501061030005

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. 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.

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	Sub-Allocation
Capital-Intensive Security Project (Standard Review)	1,659,982
Electronic Security System	(No Response)
Entry Control System	(No Response)
Approved Door Hardening Project	(No Response)
Other Costs	(No Response)
Totals:	1,659,982.00

6. **To the extent possible, please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category.**

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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	Charles F. Johnson Elementary secure Vestibule-storefront	8	65	520
Capital-Intensive Security Project	Charles F. Johnson Elementary secure vestibule-opening for security window	8	65	520
Capital-Intensive Security Project	Charles F. Johnson Elementary secure vestibule-Acou.Clg.	540	2	1,080
Capital-Intensive Security Project	Charles F. Johnson Elementary secure vestibule-move counter	4	65	260
Capital-Intensive Security Project	Charles F. Johnson Elementary secure vestibule-storefront with panels, aluminum	198	50	9,900
Capital-Intensive Security Project	Charles F. Johnson Elementary secure vestibule-doors with panel/hardware	3	3,500	10,500
Capital-Intensive Security Project	Charles F. Johnson Elementary secure vestibule-mirror security film	189	9	1,701
Capital-Intensive Security Project	Charles F. Johnson Elementary secure vestibule-auto operators	2	6,500	13,000
Capital-Intensive Security Project	Charles F. Johnson Elementary secure vestibule-fire shutter	1	2,500	2,500
Capital-Intensive Security Project	Architect & Engineering fees	1	86,967	86,967
Capital-Intensive Security Project	Construction Manager fees	1	44,000	44,000
Capital-Intensive Security Project	Testing	1	2,879	2,879
Capital-Intensive Security Project	Air monitoring	1	15,000	15,000
Capital-Intensive Security Project	Charles F. Johnson Elementary secure vestibule-security window	1	2,000	2,000
Capital-Intensive Security Project	Charles F. Johnson Elementary secure vestibule-cabinetry	20	140	2,800
Capital-Intensive Security Project	Charles F. Johnson Elementary secure vestibule-counter	20	36	720
Capital-Intensive Security Project	Charles F. Johnson Elementary secure vestibule-bench	1	300	300
Capital-Intensive Security Project	Charles F. Johnson Elementary secure vestibule-MS/gyp. walls	100	10	1,000
Capital-Intensive Security	Charles F. Johnson Elementary secure	1	900	900

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Project	vestibule-door/hardware			
Capital-Intensive Security Project	Charles F. Johnson Elementary secure vestibule-shelving	35	11	385
Capital-Intensive Security Project	Charles F. Johnson Elementary secure vestibule-floor mats	266	15	3,990
Capital-Intensive Security Project	Charles F. Johnson Elementary secure vestibule-move p-lam counter	6	65	390
Capital-Intensive Security Project	Charles F. Johnson Elementary secure vestibule-miscellaneous repairs	8	65	520
Capital-Intensive Security Project	Charles F. Johnson Elementary secure vestibule-electric	600	7	4,200
Capital-Intensive Security Project	Charles F. Johnson Elementary secure vestibule-dumpster and fees	1	650	650
Capital-Intensive Security Project	Charles F. Johnson Elementary secure vestibule-site repair	500	1	500
Capital-Intensive Security Project	Charles F. Johnson Elementary secure-miscellaneous labor	24	65	1,560
Capital-Intensive Security Project	Charles F. Johnson Elementary secure-acoustical ceiling	600	5	3,000
Capital-Intensive Security Project	George F. Johnson Elementary secure vestibule-Storefront	120	50	6,000
Capital-Intensive Security Project	George F. Johnson Elementary secure vestibule-Misc. at metal ceiling	3	65	195
Capital-Intensive Security Project	George F. Johnson Elementary secure vestibule-window wall removal	8	70	560
Capital-Intensive Security Project	George F. Johnson Elementary secure vestibule-storefront	8	70	560
Capital-Intensive Security Project	George F. Johnson Elementary secure vestibule-Alum. doors/hardware	2	6,000	12,000
Capital-Intensive Security Project	George F. Johnson Elementary secure vestibule-mirror security film	360	9	3,240
Capital-Intensive Security Project	George F. Johnson Elementary secure vestibule-auto operators	2	6,500	13,000
Capital-Intensive Security Project	George F. Johnson Elementary secure vestibule-large transom	200	26	5,200
Capital-Intensive Security Project	George F. Johnson Elementary secure vestibule-2'x4' Acou. Clg.	300	5	1,500
Capital-Intensive Security Project	George F. Johnson Elementary secure vestibule-metal ceiling with framing	300	20	6,000
Capital-Intensive Security Project	George F. Johnson Elementary secure vestibule-security window	1	3,500	3,500
Capital-Intensive Security Project	George F. Johnson Elementary secure	1	3,000	3,000

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Project	vestibule-fire shutter			
Capital-Intensive Security Project	George F. Johnson Elementary secure vestibule-floor mats	240	15	3,600
Capital-Intensive Security Project	George F. Johnson Elementary secure vestibule-electric	414	12	4,968
Capital-Intensive Security Project	George F. Johnson Elementary secure vestibule-misc. repairs	8	65	520
Capital-Intensive Security Project	George F. Johnson Elementary secure vestibule-dumpster and fees	1	1,000	1,000
Capital-Intensive Security Project	George F. Johnson Elementary secure vestibule-miscellaneous labor	16	65	1,040
Capital-Intensive Security Project	George F. Johnson Elementary secure vestibule-Aco. Cla.	280	3	840
Capital-Intensive Security Project	George F. Johnson Elementary-IP camera, cabling, install, misc.	26	4,247	110,422
Capital-Intensive Security Project	George F. Johnson Elementary-server	1	14,718	14,718
Capital-Intensive Security Project	George F. Johnson Elementary-demolition	15	250	3,750
Capital-Intensive Security Project	High School-IP camera, cabling, install, misc.	68	4,374	297,432
Capital-Intensive Security Project	High School-server	1	37,436	37,436
Capital-Intensive Security Project	High School -demolition	30	250	7,500
Capital-Intensive Security Project	Linnaeus W. West Elementary-IP camera, cabling, install, misc.	15	4,607	69,105
Capital-Intensive Security Project	Linnaeus W. West Elementary-server	1	14,718	14,718
Capital-Intensive Security Project	Jennie F. Snapp Middle School-IP camera, cabling, install, misc.	50	4,232	211,600
Capital-Intensive Security Project	Jennie F. Snapp Middle School-server	1	37,436	37,436
Capital-Intensive Security Project	Jennie F. Snapp Middle School-demolition	30	250	7,500
Capital-Intensive Security Project	District Office- IP camera, cabling, install, misc.	8	4,413	35,304
Capital-Intensive Security Project	District Office-server	1	14,718	14,718
Capital-Intensive Security Project	Thomas J. Watson Elementary secure vestibule-medium demo	1340	5	6,700
Capital-Intensive Security	Thomas J. Watson Elementary secure	16	70	1,120

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Project	vestibule-storefront			
Capital-Intensive Security Project	Thomas J. Watson Elementary secure vestibule-corridor clg. 1740 sf	1340	2	2,680
Capital-Intensive Security Project	Thomas J. Watson Elementary secure vestibule-8	780	17	13,260
Capital-Intensive Security Project	Thomas J. Watson Elementary secure vestibule-3-5/8	1260	5	6,300
Capital-Intensive Security Project	Thomas J. Watson Elementary secure vestibule-2x4 acoustical ceiling	2200	5	11,000
Capital-Intensive Security Project	Thomas J. Watson Elementary secure vestibule-vct floor	525	5	2,625
Capital-Intensive Security Project	Thomas J. Watson Elementary secure vestibule-carpet	71	36	2,556
Capital-Intensive Security Project	Thomas J. Watson Elementary secure vestibule-6	400	3	1,200
Capital-Intensive Security Project	Thomas J. Watson Elementary secure vestibule-paint walls	1800	2	3,600
Capital-Intensive Security Project	Thomas J. Watson Elementary secure vestibule-paint hm frames	14	70	980
Capital-Intensive Security Project	Thomas J. Watson Elementary secure vestibule-major demo	864	12	10,368
Capital-Intensive Security Project	Thomas J. Watson Elementary secure vestibule-hm frames	6	300	1,800
Capital-Intensive Security Project	Thomas J. Watson Elementary secure vestibule-hm frame with sidelight	1	600	600
Capital-Intensive Security Project	Thomas J. Watson Elementary secure vestibule-wood doors/hardware	7	1,650	11,550
Capital-Intensive Security Project	Thomas J. Watson Elementary secure vestibule-security window	1	1,000	1,000
Capital-Intensive Security Project	Thomas J. Watson Elementary secure vestibule-fire shutter	1	2,500	2,500
Capital-Intensive Security Project	Thomas J. Watson Elementary secure vestibule-lobby windows	18	80	1,440
Capital-Intensive Security Project	Thomas J. Watson Elementary secure vestibule-principal's window	20	110	2,200
Capital-Intensive Security Project	Thomas J. Watson Elementary secure vestibule-alum. storefront	52	80	4,160
Capital-Intensive Security Project	Thomas J. Watson Elementary secure vestibule-alum. double doors with hardware	2	5,500	11,000
Capital-Intensive Security Project	Thomas J. Watson Elementary secure vestibule-reflective film	256	11	2,816

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Capital-Intensive Security Project	Thomas J. Watson Elementary secure vestibule-bullet resistant film	20	27	540
Capital-Intensive Security Project	Thomas J. Watson Elementary secure vestibule-auto operators	2	6,400	12,800
Capital-Intensive Security Project	Thomas J. Watson Elementary secure vestibule--mailbox unit	1	2,000	2,000
Capital-Intensive Security Project	Thomas J. Watson Elementary secure vestibule-base cabinetry	9	150	1,350
Capital-Intensive Security Project	Thomas J. Watson Elementary secure vestibule--wall cabinetry	9	150	1,350
Capital-Intensive Security Project	Thomas J. Watson Elementary secure vestibule-countertop	9	40	360
Capital-Intensive Security Project	Thomas J. Watson Elementary secure vestibule-safe room and closet shelving	65	11	715
Capital-Intensive Security Project	Thomas J. Watson Elementary secure vestibule-toilet room	49	150	7,350
Capital-Intensive Security Project	Thomas J. Watson Elementary secure vestibule-cabinetry sink	1	1,200	1,200
Capital-Intensive Security Project	Thomas J. Watson Elementary secure vestibule-electric	2200	10	22,000
Capital-Intensive Security Project	Thomas J. Watson Elementary secure vestibule-misc.labor	32	65	2,080
Capital-Intensive Security Project	Thomas J. Watson Elementary secure vestibule-dumpster and fees	2	650	1,300
Capital-Intensive Security Project	Thomas J. Watson Elementary secure vestibule-site repairs	1	500	500
Capital-Intensive Security Project	Thomas J. Watson Elementary secure vestibule-HVAC systems	1	11,000	11,000
Capital-Intensive Security Project	Ann G. McGuinness Elementary secure vestibule-major demo	864	12	10,368
Capital-Intensive Security Project	Ann G. McGuinness Elementary secure vestibule-medium demo	1340	5	6,700
Capital-Intensive Security Project	Ann G. McGuinness Elementary secure vestibule-storefront	16	70	1,120
Capital-Intensive Security Project	Ann G. McGuinness Elementary secure vestibule-corridor clg. 1740 sf	1340	2	2,680
Capital-Intensive Security Project	Ann G. McGuinness Elementary secure vestibule-8	1260	17	21,420
Capital-Intensive Security Project	Ann G. McGuinness Elementary secure vestibule-3-5/8	1260	5	6,300
Capital-Intensive Security Project	Ann G. McGuinness Elementary secure vestibule-2x4 acoustic ceiling	2200	5	11,000

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Capital-Intensive Security Project	Ann G. McGuinness Elementary secure vestibule-vct floor	525	5	2,625
Capital-Intensive Security Project	Ann G. McGuinness Elementary secure vestibule-carpet	71	36	2,556
Capital-Intensive Security Project	Ann G. McGuinness Elementary secure vestibule-6	400	3	1,200
Capital-Intensive Security Project	Ann G. McGuinness Elementary secure vestibule-paint walls	2520	2	5,040
Capital-Intensive Security Project	Ann G. McGuinness Elementary secure vestibule-paint hm frames	14	70	980
Capital-Intensive Security Project	Ann G. McGuinness Elementary secure vestibule-hm frames	6	300	1,800
Capital-Intensive Security Project	Ann G. McGuinness Elementary secure vestibule-hm frame with sidelight	1	600	600
Capital-Intensive Security Project	Ann G. McGuinness Elementary secure vestibule-wood doors/hardware	7	1,650	11,550
Capital-Intensive Security Project	Ann G. McGuinness Elementary secure vestibule-security window	1	1,000	1,000
Capital-Intensive Security Project	Ann G. McGuinness Elementary secure vestibule-fire shutter	1	2,500	2,500
Capital-Intensive Security Project	Ann G. McGuinness Elementary secure vestibule-lobby windows	18	80	1,440
Capital-Intensive Security Project	Ann G. McGuinness Elementary secure vestibule-principal's window	20	110	2,200
Capital-Intensive Security Project	Ann G. McGuinness Elementary secure vestibule-Alum. storefront	52	80	4,160
Capital-Intensive Security Project	Ann G. McGuinness Elementary secure vestibule-alum. double doors with hardware	2	5,500	11,000
Capital-Intensive Security Project	Ann G. McGuinness Elementary secure vestibule-reflective film	256	11	2,816
Capital-Intensive Security Project	Ann G. McGuinness Elementary secure vestibule-bullet resistant film	20	27	540
Capital-Intensive Security Project	Ann G. McGuinness Elementary secure vestibule-auto openers	2	6,400	12,800
Capital-Intensive Security Project	Ann G. McGuinness Elementary secure vestibule-mailbox unit	1	2,000	2,000
Capital-Intensive Security Project	Ann G. McGuinness Elementary secure vestibule-base cabinetry	9	150	1,350
Capital-Intensive Security Project	Ann G. McGuinness Elementary secure vestibule-wall cabinetry	9	150	1,350
Capital-Intensive Security Project	Ann G. McGuinness Elementary	9	40	360

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Project	secure vestibule-countertop			
Capital-Intensive Security Project	Ann G. McGuinness Elementary secure vestibule-safe room and closet shelving	65	11	715
Capital-Intensive Security Project	Ann G. McGuinness Elementary secure vestibule-toilet room	49	150	7,350
Capital-Intensive Security Project	Ann G. McGuinness Elementary secure vestibule-cabinetry sink	1	1,200	1,200
Capital-Intensive Security Project	Ann G. McGuinness Elementary secure vestibule-electric	2200	10	22,000
Capital-Intensive Security Project	Ann G. McGuinness Elementary secure vestibule-misc. labor	32	65	2,080
Capital-Intensive Security Project	Ann G. McGuinness Elementary secure vestibule-dumpster and fees	2	650	1,300
Capital-Intensive Security Project	Ann G. McGuinness Elementary secure vestibule-site repairs	1	500	500
Capital-Intensive Security Project	Ann G. McGuinness Elementary secure vestibule-HVAC systems	1	11,000	11,000
Capital-Intensive Security Project	George F. Johnson Elementary secure vestibule-Overhead and Profit/Bonds	1	18,016	18,016
Capital-Intensive Security Project	George F. Johnson Elementary secure vestibule-Contingency	1	8,474	8,474
Capital-Intensive Security Project	Charles F. Johnson Elementary secure vestibule-overhead and profit/bonds	1	16,910	16,910
Capital-Intensive Security Project	Charles F. Johnson secure vestibule-Contingency	1	7,954	7,954
Capital-Intensive Security Project	Ann G. McGuinness Elementary secure vestibule-Contingency	1	11,151	11,151
Capital-Intensive Security Project	Ann G. McGuinness Elementary secure vestibule-Overhead and profit/bonds	1	47,412	47,412
Capital-Intensive Security Project	Thomas J. Watson Elementary secure vestibule-Contingency	1	10,541	10,541
Capital-Intensive Security Project	Thomas J. Watson Elementary secure vestibule-Overhead and profit/bonds	1	44,820	44,820
Capital-Intensive Security Project	Contingency	1	13,000	13,000

