

Smart Schools Investment Plan

SSIP Overview

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

Todd F. Connell

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

516 434-7075

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

tconnell@levittownschoools.com

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

- 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 Investment Plan_Levittown.pdf

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.

8,733

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:

\$4,969,070

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	286,932
Connectivity Projects for Communities	0
Classroom Technology	1,097,990
Pre-Kindergarten Classrooms	0
Replace Transportable Classrooms	0
High-Tech Security Features	0
Totals:	1,384,922.00

Smart Schools Investment Plan

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.

To achieve the FCC recommendation we will need to increase the subscribed speed from our internet service provider and in turn upgrade the internet firewall to support that speed. Based upon enrollment we would need the firewall to handle approximately 730 Mbps. Currently the firewall supports 200 Mbps. The funding will be used to upgrade to a newer model firewall capable of much higher bandwidth speeds on its network interfaces and its internal backplane. This will allow us to meet or exceed the FCC recommendation. Pending approval of our SSIP we plan on having the new firewall installed this summer (2016) and our internet speed increased by August 31st 2016.

- 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	7,295	729,500	729.5	200	750	8/31/2016

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.

The funding will be used to upgrade the backend network infrastructure in our district to be able to handle much higher bandwidth speeds. Currently the network supports 1 gigabit connections on the LAN/WAN; this upgrade will expand the data throughput capacity 10 fold to 10 gigabits per second. This will allow faster delivery of rich multimedia content, increased performance accessing locally shared resources, increased access to instructional online software, quicker software deployment and better prepare us for online based assessments. Additionally the funding will be used to purchase an upgraded firewall capable of handling higher bandwidth speeds while simultaneously better securing the internal network. Laptop carts that are being purchased in the Classroom Learning Technology category will benefit from WiFi Access points installed directly to the cart, allowing them to be more mobile and capable of being used in areas where WiFi coverage may be limited.

Smart Schools Investment Plan

School Connectivity

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?")

The proposed network upgrades will ease network congestion and allow for further expansion of digital content to support, enrich and expand upon the curriculum. Network congestion impedes the adoption of digital resources by teachers and students due to the frustration caused by a slowed experience. Teachers, students and staff will all benefit from the speed at which online and local network resources are served. Supplemental curriculum materials, learning management systems, ebooks, collaboration software, assessment software, etc. will all be more readily available due to the greater speeds. This will lead to increased usage and facilitate improved teaching and learning throughout the District.

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.

Network bandwidth and performance is measured and monitored with a combination of hardware and industry leading software. We use SolarWinds and WhatsUpGold to provide real time monitoring of network interfaces and servers throughout the district. These applications alert us immediately if anything is down but further can provide detailed analysis of network traffic allowing us to address issues proactively rather than reactively. Additional monitoring, reporting, and troubleshooting specific to the WiFi network is made available to us via the Aruba Airwave product. WiFi information such as complete visual coverage maps of entire buildings all the way down to detailed and granular reports on specific devices connecting to specific access points are possible with the Airwave. It has allowed us to proactively look at WiFi usage and make adjustments where needed, for example boosting the signal strength in high density areas or adding additional WiFi access points where needed. All of these tools collectively allow us to plan properly and meet the needs of our teachers, students and staff.

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
28-02-05-03-7-999-SB1

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
Michael Mark	33516

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.

Smart Schools Investment Plan

School Connectivity

	Sub- Allocation
Network/Access Costs	193,109
Outside Plant Costs	0
School Internal Connections and Components	56,574
Professional Services	37,249
Testing	0
Other Upfront Costs	0
Other Costs	0
Totals:	286,932.00

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	HP ProCurve 2-Port SFP+/2-Port CX4 10GbE y1 Module (LAN)	18	1,300	23,400
Network/Access Costs	HP 20-port Gig-T PoE+ / 2-port 10GbE SFP+ v2 z1 Module (16 LAN/ 2 WAN)	18	2,795	50,310
Network/Access Costs	HP X132 10G SFP+ LC LRM Transceiver (LAN)	81	589	47,709
Network/Access Costs	HP 8-port 10-GbE SFP+ v2 z1 Module (WAN)	7	3,120	21,840
Network/Access Costs	HP 5406R 44GT PoE+ / 4SFP+ v3 z12 Swch (WAN)	2	4,920	9,840
Network/Access Costs	HP 5400R 1100W PoE+ z12 Power Supply (WAN)	4	799	3,196
Network/Access Costs	HP X132 10G SFP+ LC LR Transceiver (WAN)	16	1,814	29,024
Professional Services	10 Gb network upgrade- HP Startup ProCurve Chassis 53/5400 8212 (18 LAN 18 / 8 WAN)	26	1,279	33,254
Connections/Components	Firewall	1	56,574	56,574
Professional Services	Firewall installation & configuration	1	3,995	3,995
Network/Access Costs	WiFi Access Points-Aruba	10	779	7,790

Smart Schools Investment Plan

Community Connectivity (Broadband and Wireless)

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

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.

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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.

To achieve the FCC recommendation we will need to increase the subscribed speed from our internet service provider and in turn upgrade the internet firewall to support that speed. Based upon enrollment we would need the firewall to handle approximately 730 Mbps. Currently the firewall supports 200 Mbps. The School Connectivity category of the Smart Bond funding will be used to upgrade to a newer model firewall capable of much higher bandwidth speeds on its network interfaces and its internal backplane. This will allow us to meet or exceed the FCC recommendation. Pending approval of our SSIP we plan on having the new firewall installed this summer (2016) and our internet speed increased by August 31st 2016.

- 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	7,295	729,500	729.5	200	750	8/31/16

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.

Network bandwidth and performance is measured and monitored with a combination of hardware and industry leading software. We use SolarWinds and WhatsUpGold to provide real time monitoring of network interfaces and servers throughout the district. These applications alert us immediately if anything is down but further can provide detailed analysis of network traffic allowing us to address issues proactively rather than reactively. Additional monitoring, reporting, and troubleshooting specific to the WiFi network is made available to us via the Aruba Airwave product. WiFi information such as complete visual coverage maps of entire buildings all the way down to detailed and granular reports on specific devices connecting to specific access points are possible with the Airwave. It has allowed us to proactively look at WiFi usage and make adjustments where needed, for example boosting the signal strength in high density areas or adding additional WiFi access points where needed. All of these tools collectively allow us to plan properly and meet the needs of our teachers, students and staff.

Smart Schools Investment PlanClassroom Learning Technology

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 devices selected will fit in seamlessly with our current devices and network environment. Like our existing computers they are all Windows based and support the latest Wif-Fi standard. The ASUS T100TA will further our 1:1 initiative. We have currently deployed over 600 of these devices. They have the flexibility of being used as a touch screen tablet or as a laptop with full keyboard, the Windows operating system is familiar to both teachers and students, they provide enough battery life to make it through the school day, and they are manageable. This tablet was also selected for use by one of the non-public schools within the District. The other device model selected is the Dell Latitude 5450. We have close to 700 Dell laptops deployed throughout the District. These laptops will be needed due to the additional computing resources needed in anticipation of NYS Computer Based Testing. They were chosen for the following reasons; in order to best meet the technical device requirements for testing devices (keyboard, screen size, device management/lockdown), their mobility (move to any classroom), and their ruggedness vs. tablets. During non-testing times, the laptops can easily be used to support and enhance the curriculum adding additional value to their acquisition. The Dell Inspiron 15 laptop model was selected for use by one of the non-public schools within our District. It comes equipped with Windows 10 Professional, adequate memory and storage, WiFi, a large screen and full size keyboard. They are the same model currently utilized by the non-public school for classroom instruction. All of the District's classrooms are equipped with dedicated 120 volt AC 20 AMP circuits readily available to charge the tablets/laptops if necessary. A full classroom set of the ASUS tablets would only draw a maximum load of approximately 440 watts, far below the recommended circuit maximum of 1,920 watts (2,400 watts in theory). Similarly the mobile Dell laptop carts can safely be charged using these dedicated classroom outlets. Any electrical load will be dispersed throughout the District as not all of these units are in any one building. In addition, for our 1:1 tablet initiative, students are reminded to bring their tablets into school fully charged everyday in order to decrease downtime due to charging issues thus allowing for the maximum instructional benefit throughout the school day.

Smart Schools Investment Plan

Classroom Learning Technology

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?")

Enhance Differentiated Instruction

- The tablet device selected in this proposal will be used to further the 1:1 initiative in the District. The 1:1 initiative aligns itself well with the goal of differentiated instruction. Each student with their own device can be offered individualized software specific to their needs. For example, if a student was in need of reinforcement for a particular math concept, an app can be installed to meet that need. On a larger scale more software can be utilized that offers individualized assessment and reinforcement specific for that student. Different learning styles can also be addressed with the staggering number of educational apps and software available for these devices.

Expanded Learning Inside the classroom

- The primary purpose of the devices is to provide greater access to technology in the classroom. Creating opportunities for students to learn using the abundance of digital resources available and likewise giving teachers opportunities to teach the curriculum with an incredible tool in the hand of every student. The devices will allow for more effective communication and collaboration than ever before preparing our students for the digital world we live in.

Expanded Learning Outside the classroom

- The 1:1 initiative started by the District allows for each student to take their assigned device home with them every night, including weekends and holiday breaks. The devices proposed for purchase will be setup to allow for instant access to their home drive files through Direct Access technology. Additionally all the devices will be configured to access the new cloud storage space giving students access to the same files, resources and collaboration tools they have when within the District.

Benefit students with disabilities and English language learners

- Since each student will be assigned their own tablet, each tablet can be setup to accommodate a student's individual needs. Specialized software such as ZoomText, Dragon Naturally Speaking, and audio software can be installed. In alternative assessment classrooms the devices can be used to reinforce skills. In addition built-in OS accessibility modes (reading/speech capabilities, high contrast mode, etc.) can be utilized and add-on accessories used where needed (i.e. document scanners, adaptive keyboards/pointing devices). For English language learners, language apps and software can be installed as well changing the native language of the operating system if needed.

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

- One of the reasons the Windows based tablets were chosen was due to a learning gap that has already been identified in our District. While many of our students are familiar with using a computer to access social media or sites such as youtube we found they were not well versed in using real world productivity tools such as Microsoft Office. Also they lacked essential keyboarding skills. The chosen tablet has MS Office and a full keyboard installed. The regular classroom usage of MS Office with proper keyboard instruction will help our students overcome this gap and better prepare them for college and the real world. Wherever possible the devices will be used in the best interest of our students.

Smart Schools Investment Plan

Classroom Learning Technology

- 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.**

The selected tablets will be used to further the Districts 1:1 initiative. The 1:1 initiative began in September 2015 and immediately created dialog between the school and community about the role of technology in education and how the tablets can enrich the students learning experience. Through this communication the parents understand the purpose of the assigned device and how it can help their child. By expanding the 1:1 in the years ahead using the Smart funding this communication will continue and more parents and community members will become involved in the process.

While there are currently no formal distance learning initiatives in the District, the tablet can be used for future initiatives. It has a built-in camera, microphone and Skype software installed. It can easily be used for distance learning opportunities such as pen pals from across the globe or instructor led virtual field trips.

- 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 is the key behind any successful rollout of technology. The vision for the 1:1 tablet initiative is a classroom where the devices are woven into the fabric of the curriculum itself; the two go hand-and-hand. In order to successfully realize such a vision, repeated professional development has to be offered at regular intervals. The professional development begins prior to the start of the school year wherein teachers are assigned a tablet. The initial professional development will cover the basics of the tablet and operating of the system and will allow them to get familiar with the device. As the school year progresses the professional development becomes more focused, down to the subject level. For example, the science teachers will be using the tablets for different activities than the Math teachers will so the professional development offered has to address those differences and become more targeted as it progresses along. This continuity and focus will foster an environment ripe for a successful implementation. Complementing the teacher's professional development, after school workshops will be offered for students on how to use the device and make the most of it. Surveys gathering feedback and observations will be conducted to gauge the implementation throughout the school year and adjustments made accordingly.

- 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

Smart Schools Investment Plan

Classroom Learning Technology

- 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.

Within the District’s boundaries there are two small non-public schools; one a Montessori school and the other a school for autistic children. Both schools were consulted with and their classroom technology selections are included in our plan (Dell Inspiron 15 laptops and ASUS Tablets). After the arrival and inventorying of classroom technology purchases, both schools will be notified and upon written request lent the classroom technology. The date by which these requests must be received is August 31st of each year. Using the formula provided on the NYSED website*, the Maria Montessori School would be lent \$4,200 worth of devices and the Elijah School would be lent \$2,400 worth of loaned devices (breakdown below).

Detailed breakdown:
 Classroom Technology spending = \$1,097,990
 Public school enrollment = 7,295
 Total Non-Public school enrollment = 44
 $\$1,097,990 / (7,295 + 44) = \150 per student

Maria Montessori School
 $\$150 \times 28 = \$4,200$
 Chosen device cost (with protective case) = \$385
 $\$4,200 / \$385 = 10.9$ devices & cases, rounded up to 11 devices totaling \$4,235 (\$3,960 device cost & \$275 for cases respectively)

Elijah School
 $\$150 \times 16 = \$2,400$
 Chosen device cost = \$602
 $\$2,400 / \$602 = 3.98$ devices, rounded up to 4 devices totaling \$2,408

*http://www.p12.nysed.gov/mgtserv/smart_schools/NonpublicInformation.htm

- 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	1,097,990	7,295	44	7,339	150	6,600

Smart Schools Investment Plan

Classroom Learning Technology

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	0
Computer Servers	0
Desktop Computers	0
Laptop Computers	324,240
Tablet Computers	702,000
Other Costs	71,750
Totals:	1,097,990.00

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
Laptop Computers	Dell Latitude 5450	392	821	321,832
Other Costs	Mobile laptop carts	14	1,500	21,000
Other Costs	Headphones/Microphones (accommodations for testing)	100	20	2,000
Tablet Computers	ASUS T100TA-C2-EDU	1939	360	698,040
Other Costs	Tablet Protective Case	1939	25	48,475
Laptop Computers	Dell Inspiron 15 5000 Series-non-pubs loan	4	602	2,408
Tablet Computers	ASUS T100TA-C2-EDU-non-pubs loan	11	360	3,960
Other Costs	Tablet Protective Case-non-pubs loan	11	25	275

Smart Schools Investment Plan

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 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

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)

Smart Schools Investment Plan

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. 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. Was your project deemed eligible for streamlined Review?

Yes

No

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

Name	License Number
(No Response)	(No Response)

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

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

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

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)