

Smart Schools Investment Plan - 2016-17 Version (Original) - February 2018

SSIP Overview

Institution ID

800000050945

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

Greg Molloy

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

3156849300

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

gmolloy@m-ecs.org

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

First submission

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

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

District Educational Technology Plan Submitted to SED and Approved

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

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

Parents

Teachers

Students

Community members

- 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 - 2016-17 Version (Original) - February 2018

SSIP Overview

- 5a. Please upload the proposed Smart Schools Investment Plan (SSIP) that was posted on the district's website, along with any supporting materials. Note that this should be different than your recently submitted Educational Technology Survey. The Final SSIP, as approved by the School Board, should also be posted on the website and remain there during the course of the projects contained therein.

MECS-SSIP.pdf

- 5b. Enter the webpage address where the final Smart Schools Investment Plan is posted. The Plan should remain posted for the life of the included projects.

https://www.m-ecs.org/UserFiles/Servers/Server_334011/File/District/Documents/MECS-SSIP.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.

645

- 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:

\$895,411

- 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	108,349
Connectivity Projects for Communities	0
Classroom Technology	440,720
Pre-Kindergarten Classrooms	0
Replace Transportable Classrooms	0
High-Tech Security Features	0
Totals:	549,069

Smart Schools Investment Plan - 2016-17 Version (Original) - February 2018

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.

Morrisville-Eaton CSD currently exceeds this standard. Our student population currently is at 669 and our incoming internet bandwidth is 1 GBps equating to approximately 1.5 Mbps/Student. Future plans include an additional 10 Mbps of internet service to serve as a backup or failover in the event of service disruptions.

- 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	645	64,500	64.5	1000	1010	currently met

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

Morrisville-Eaton CSD intends to use Smart Schools Bond Act funds to update our current wireless infrastructure, moving to the AC standard and incorporating MDM access control and user provisioning to make network access easy and available for all users.

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

By increasing digital connectivity Morrisville-Eaton intends to provide a solid and accessible digital environment which can be leveraged for collaboration, engaged learning digital citizenship and a multi-media rich educational experience.

Smart Schools Investment Plan - 2016-17 Version (Original) - February 2018

School Connectivity

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

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

Through network monitoring, Morrisville-Eaton CSD has determined that the current deployment of wireless network access is sufficient for the current number of devices, utilizing an average of 1.63 Mb/s with a peak utilization of 848 Mb/s. However as an increased number of endpoints arrive on our network access will need to continue to be evaluated and monitored regularly. In addition to bandwidth availability there also need access convenience and security. We plan to implement an network access control system that will allow for end user convenience while still providing a secure network with access to appropriate resources.

- 6. As indicated on Page 5 of the guidance, the Office of Facilities Planning will have to conduct a preliminary review of all capital projects, including connectivity projects. Please indicate on a separate row each project number given to you by the Office of Facilities Planning.

Project Number
25-04-01-04-7-999-BA2

- 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
Ashley McGraw	24017

- 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	102,816
Outside Plant Costs	0
School Internal Connections and Components	847
Professional Services	4,250
Testing	0
Other Upfront Costs	436
Other Costs	

Smart Schools Investment Plan - 2016-17 Version (Original) - February 2018

School Connectivity

	Sub-Allocation
	(No Response)
Totals:	108,349

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

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
Network/Access Costs	Aruba 7205-K12-64 (US) K12 64 AP Bundle	1	10,248	10,248
Network/Access Costs	Aruba 7205 (US) Controller	1	6,498	6,498
Connections/Components	SFP+ Direct Attach 5M Cable	2	112	225
Network/Access Costs	Aruba AP-315 Dual 2x2/4x4 802.11ac AP	60	497	29,850
Network/Access Costs	Aruba AirWave 1 Dev License Bundle E-LTU	65	25	1,625
Network/Access Costs	Aruba ClearPass 5K Virtual App E-LTU	1	7,500	7,500
Network/Access Costs	Aruba ClearPass Gst 100 EP Lic E-LTU	1	1,500	1,500
Professional Services	Install Support, Consulting and configuration of system	4	1,062	4,250
Network/Access Costs	Cisco 48 Port Switch	8	3,507	28,056
Network/Access Costs	Cisco SFP+ 10GB Network Module	16	651	10,416
Network/Access Costs	JX974A Aruba AP-367 (US) Outdoor AP	9	699	6,294
Connections/Components	JW054A AP-270-MNT-H1 270 Series Mount Kit	9	68	608
Connections/Components	JW063A AINS2KKIT-00 Otrd Inst Materials	1	14	14
Other Upfront Costs	H4YF7E Aruba 1Y FC Hardware Support Next Business Day Exchange	9	48	436
Network/Access Costs	Cisco WS-C2960CX-8PC-L 8 port POE Switch	1	829	829

Smart Schools Investment Plan - 2016-17 Version (Original) - February 2018

Community Connectivity (Broadband and Wireless)

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

(No Response)

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

(No Response)

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

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

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

(No Response)

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

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

6. If you are submitting an allocation for Community Connectivity, complete this table.

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

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

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

Add rows under each sub-category for additional items, as needed.

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 - 2016-17 Version (Original) - February 2018

Community Connectivity (Broadband and Wireless)

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
(No Response)	(No Response)	(No Response)	(No Response)	(No Response)
(No Response)	(No Response)	(No Response)	(No Response)	(No Response)
(No Response)	(No Response)	(No Response)	(No Response)	(No Response)
(No Response)	(No Response)	(No Response)	(No Response)	(No Response)

Smart Schools Investment Plan - 2016-17 Version (Original) - February 2018

Classroom Learning Technology

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

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

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

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

We currently meet this requirement with a 1 Gbps internet connection to provide for our 645 students. All classrooms have wireless and wired network access available to them. However we plan to increase the number of devices and with this, increase the availability and reliability of network access.

- 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	645	64,500	64.5	1000	1010	currently met

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.

We currently have a robust but dated WiFi network, providing sufficient access for staff and students. Current equipment is capable of delivering up to 300 Mbps to devices under the wireless 'N' standards. We intend thorough use of Smart Schools to update this to modern standards including wireless 'AC' and update underlying infrastructure to support current standards and beyond.

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.

Smart Schools Investment Plan - 2016-17 Version (Original) - February 2018Classroom Learning Technology

- 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.**

Morrisville-Eaton has built its current network around the idea of being platform agnostic. We currently fully support various manufactures including Apple, Android, Microsoft and Google. Core network electric service is sufficient in our High School building, providing generated backup power keeping systems online. Our Elementary school does not have generated backup power but has fairly reliable electrical service. An HVAC split type unit is installed in the main server room at our High school providing temperature control for critical infrastructure. HVAC at the elementary school is provided by a mobile floor unit providing cooling for the main network distribution location. Computer Labs and classrooms have sufficient electrical systems in place to support the current needs of the rooms. No cooling is in place in the labs with the exception of one located at the High School. We plan to purchase student devices and move to a one to one learning environment ipads for grades k-2 and laptops for 3-12 students . Also improvements to classrooms are planed, replacing aging interactive whiteboards with new interactive projectors and projection ready whiteboards. Improvements to presentation system in the high school library will utilize funds to add new hd projector and motorized screen. Additional ipad carts will be purchased for classroom projects. We continue to maintain some computer labs and have included replacements for PC desktops in this plan. In general any of these options would be able to be on boarded into our network with a minimal draw on current electrical or HVAC systems.

Smart Schools Investment Plan - 2016-17 Version (Original) - February 2018

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?")

Classroom Technology Purchases will:**Enhance Differentiated Instruction**

Tablets and laptops in addition to projection technology will provide different students with different avenues of learning. Office 365 offers schools a free, secure, hosted solution for teachers and students to collaborate. Once teachers and students login, they have access to a variety of Office applications, including word processing, spreadsheet, and publishing applications. Office 365 offers a variety of educational tools that can be used by teachers and students.

Projection Technology allows students to explore lesson content, create and deliver presentations, and play education games that are student centered and collaborative. They offer different strategies and approaches for differentiating instruction. Expand Student Learning Inside and Outside the Classroom A 1-1 device initiative allows for students to learn inside and outside the classroom. Students can "share" their homework with their teacher, and the teacher can correct and return it without printing a page! Another exciting feature for students is the capability to work on the same project at the same time with any other student or teacher. This may be done at any location.

Benefit Students with Disabilities and English Language Learners (ELL)

Computing devices are an excellent assistive technology that offer apps and extensions that provide support for students with learning disabilities and ELL students. There are screen readers, text-to-speech and speech-text, screen magnification, curriculum resources, and many collaboration tools offered through the use of individualized technology.

Contribute to the Reduction of other Learning Gaps that have been Identified by the District

The Technology Committee meets every month and includes the: Superintendent, Network Administrator, Principals, Technology Integration Specialist, teachers from the Elementary, Middle School, and High School, the Library Media Specialist, students, and parents. The technology plan's future goals reflect commitment, and show a collaborative, district-wide effort to improve communication, professional development, and integration of technology to close the achievement gap. The district has shown an interest in increasing its role in the community, and now has a new district website and school-based email system for effective communication with other schools and the community at large. The district is also looking at developing an app to facilitate ease of connectivity between the school and the community. The District has identified the following technology gaps and plans to use utilize Smart Schools funding to fill its technology needs. This will allow the District to focus other resources on professional development and staffing gaps.

- Device Gap (laptops/desktops/tablets)
- Professional Development (use of technology)
- Staffing (Technology Integration Specialist)
- Other (integrated security system) Blended Learning Enhancement The technology purchased through Smart School's funding will enhance the two Distant

Blended Learning Enhancement

The technology purchased through Smart School's funding will createtwo Distance Learning rooms between the two schools that offers shared classroom teaching and college level courses. Through the added use of the 1:1 devices, virtual classrooms are set-up allowing for online learning and flipped instruction.

Smart Schools Investment Plan - 2016-17 Version (Original) - February 2018

Classroom Learning Technology

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

The District has worked extensively to create a pathway for students to take college courses at SUNY Morrisville. By providing 1:1 devices, students will be able to easily transition from the high school environment to the college environment. All students will also be able to have technology at their disposal in the home environment making connectivity more readily available at home and when students are away or absent. Technology purchased through Smart School's funding will create two Distance Learning rooms in the District offering shared classroom teaching and college level courses. Virtual field trips will also bring learning to life.

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."

We plan to utilize Model-Schools training through our RIC to provide general PD for staff as well as turn-key trainers who will be given additional training so that they will be another resource for staff administration and teachers to turn to on a regular basis. A part-time technology integration specialist will provide relevant on-site training as needed, as requested, and as recommended. The specialist will demonstrate opportunities for instructional improvement and troubleshoot as needs arise. Faculty and staff will continue to be provided website development training, tablet app training, Office 365 training, formative assessment software training and general technology productivity training from our technology integration specialist, network administrator, and Models Schools team members. These trainings will take place during professional development days scheduled throughout the year and during the instructional period, in the classroom while students are present.

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

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

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

SUNY Cortland

- 9b. Enter the primary Institution phone number.

607-753-5431

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

Andrea Lachance, Dean of Teacher Education

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

Are there nonpublic schools within your school district?

- Yes
 No

11. Nonpublic Classroom Technology Loan Calculator

The Smart Schools Bond Act provides that any Classroom Learning Technology purchases made using Smart Schools funds shall be lent, upon request, to nonpublic schools in the district. However, no school district shall be required to loan technology in amounts greater than the total obtained and spent on technology pursuant to the

Smart Schools Investment Plan - 2016-17 Version (Original) - February 2018

Classroom Learning Technology

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	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)

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

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

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	140,116
Computer Servers	0
Desktop Computers	21,120
Laptop Computers	142,500
Tablet Computers	73,500
Other Costs	63,484
Totals:	440,720

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

Please specify in the "Item to be Purchased" field which specific expenditures and items are planned to meet the district's nonpublic loan requirement, if applicable.

NOTE: Wireless Access Points that will be loaned/purchased for nonpublic schools should ONLY be included in this category, not under School Connectivity, where public school districts would list them.

Add rows under each sub-category for additional items, as needed.

Smart Schools Investment Plan - 2016-17 Version (Original) - February 2018

Classroom Learning Technology

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be Purchased	Quantity	Cost per Item	Total Cost
Other Costs	Da-Lite Contour Electrol Wideformat Projection Screen #37592LS - Library	1	1,824	1,824
Other Costs	Epson Powerlite 675W WXGA LCD Projection Display - Library	1	1,090	1,090
Other Costs	Epson ELPMB46 Wall mount for Powerlite 685w	1	100	100
Interactive Whiteboards	Epson BrightLink 697Ui Interactive Projector	46	2,461	113,206
Interactive Whiteboards	Epson Projection Screen V12H831000	46	585	26,910
Laptop Computers	Lenovo STF N24 128 4gb W10P 3-12 Laptops	500	285	142,500
Other Costs	Lenovo Work in Case for N42 Laptops	300	30	9,000
Tablet Computers	iPad for K-2 Students	150	294	44,100
Other Costs	Protective iPad Case	150	40	6,000
Tablet Computers	iPad for Building Carts	100	294	29,400
Other Costs	Bretford Powersync Carts for iPad	5	1,950	9,750
Other Costs	AppleTV for Classroom Projectors	85	179	15,215
Other Costs	HDMI Cable for AppleTV's 1.5'	85	3	255
Other Costs	Bretford CoreX TCOREX24-Cart	15	1,350	20,250
Desktop Computers	Lenovo Desktop M715Q	30	439	13,170
Desktop Computers	Lenovo Monitor Stand 4XF0L72015	30	101	3,030
Desktop Computers	Lenovo Monitor 10LKPAR6US	30	164	4,920

Smart Schools Investment Plan - 2016-17 Version (Original) - February 2018

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.

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

Project Number
(No Response)

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

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

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

Smart Schools Investment Plan - 2016-17 Version (Original) - February 2018

Pre-Kindergarten Classrooms

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 - 2016-17 Version (Original) - February 2018

Replace Transportable Classrooms

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

(No Response)

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

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

Project Number
(No Response)

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

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

(No Response)

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

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

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

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
(No Response)	(No Response)	(No Response)	(No Response)	(No Response)

Smart Schools Investment Plan - 2016-17 Version (Original) - February 2018

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.

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

Project Number
(No Response)

3. Was your project deemed eligible for streamlined Review?

- Yes
- No

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

Name	License Number
(No Response)	(No Response)

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

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

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

Add rows under each sub-category for additional items, as needed.

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
(No Response)	(No Response)	(No Response)	(No Response)	(No Response)
(No Response)	(No Response)	(No Response)	(No Response)	(No Response)

Smart Schools Investment Plan - 2016-17 Version (Original) - February 2018

High-Tech Security Features

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)
(No Response)	(No Response)	(No Response)	(No Response)	(No Response)
(No Response)	(No Response)	(No Response)	(No Response)	(No Response)
(No Response)	(No Response)	(No Response)	(No Response)	(No Response)
(No Response)	(No Response)	(No Response)	(No Response)	(No Response)
(No Response)	(No Response)	(No Response)	(No Response)	(No Response)
(No Response)	(No Response)	(No Response)	(No Response)	(No Response)
(No Response)	(No Response)	(No Response)	(No Response)	(No Response)

