

Smart Schools Investment Plan - School Connectivity & Classroom

SSIP Overview

Page Last Modified: 11/08/2016

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

John Krouskoff

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

8452798000 x1157

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

jkrouskoff@brewsterschools.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 - School Connectivity & Classroom

SSIP Overview

Page Last Modified: 11/08/2016

- 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.

Brewster SSIP 4-5-16.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://goo.gl/WBhJEQ>

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:

\$1,607,265

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	89,197
Connectivity Projects for Communities	0
Classroom Technology	1,337,660
Pre-Kindergarten Classrooms	0
Replace Transportable Classrooms	0
High-Tech Security Features	0
Totals:	1,426,857

Smart Schools Investment Plan - School Connectivity & Classroom

School Connectivity

Page Last Modified: 11/08/2016

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.

As a precondition to utilizing the SSBA funds, the District has ensured that there is adequate Internet bandwidth to further expand wireless connectivity for classrooms and other locations, to allow for additional technology devices. There is adequate Internet bandwidth in excess of 100 Mbps per 1,000 students to sustain the increase of more classroom devices. Our current contracted Internet bandwidth is 400/mbps, and we have two ISPs; the Lower Hudson Regional Information Center and Comcast Commercial Cable. This provides sufficient, concurrent and redundant connectivity to the district. In addition, Brewster CSD has managed fiber between buildings on a private network which provides up to 10 Gigabit of interconnectivity.

- 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	3,248	324,800	324.8	400	400	current

Smart Schools Investment Plan - School Connectivity & Classroom

School Connectivity

Page Last Modified: 11/08/2016

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

We will modernize and expand the Brewster CSD access points in order to expand the network Infrastructure in all Brewster CSD school buildings. This upgrade is necessary for the wireless capacity to handle a planned 1:1 technology implementation. Our wired network switching and connectivity between schools will be 10/gbps. Our Aruba wireless network has been evaluated and we will implement necessary configuration changes to support the intended number of concurrent connections in each classroom and common area. This high-speed connectivity will be complemented by high speed, redundant internet connections, currently at 400/mbps but scalable to 2/gbps throughput.

Specifics regarding our purchases:

- We will purchase 802.11 a/c access points to place in each classroom that is not currently equipped with one. These will be the Omni Access Point model #OAW-AP325, an essential component in expanding our network infrastructure.
- We will purchase the Palo Alto #PAN-PA-3050 to provide more robust firewall and filtering capacity in support of the expanded network.
- We will purchase the Omni Access 4750 Controller #OAW-4750-US to provide the necessary wireless controller capacity for the expanded wireless implementation.

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?")

The district plans to use digital connectivity and technology to improve teaching and learning by strategically leveraging a variety of technologies. We will use online digital tools such as Google Apps for Education to facilitate collaboration among peers and/or the instructor, web-based software to support individualized or self-paced instruction, online assessments with real-time feedback, flipped/blended learning resources, and a variety of online curricula. These changes are a significant shift for students and teacher, and the intended outcome is to increase student engagement and learning opportunities in ways that would otherwise be impossible or unlikely. Our plan includes adopting cloud-based technology as our primary point of access (i.e. Google Apps for Education and Google Classroom), implementing cost effective web based devices (i.e. Chromebooks, tablets, BYOT) and ubiquitous wireless access, all of which are in the plan. By implementing this plan and providing ongoing and sustainable professional development, our teachers can purposefully design curricula that take advantage of anytime/anywhere/any device access to online learning opportunities and collaborations.

Additionally, whenever possible the software we select will be Software as a Service (SaaS) subscriptions and device agnostic. By doing so, we expect to extend student and teacher access to resources beyond the school day and the and the school building while minimizing technical barriers to student learning opportunities.

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.

Currently Brewster CSD has a Wireless Aruba Network at all schools and Wireless Aruba Access Points in all school libraries, middle and high school cafeterias, general meeting areas, classrooms in Brewster High School, H.H. Wells Middle School, and C.V. Starr Elementary School, and temporary access (not mounted) in all classrooms at the John F. Kennedy Elementary School. The placement of our existing wireless access points is sufficient and robust enough to adequately support new and existing devices.

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
48-06-01-06-7-999-BA1

Smart Schools Investment Plan - School Connectivity & Classroom

School Connectivity

Page Last Modified: 11/08/2016

- 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
Russell A. Davidson, FAIA	19885

- 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	89,197
Outside Plant Costs	0
School Internal Connections and Components	0
Professional Services	0
Testing	0
Other Upfront Costs	0
Other Costs	0
Totals:	89,197

- 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.**

Smart Schools Investment Plan - School Connectivity & Classroom

School Connectivity

Page Last Modified: 11/08/2016

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	Palo Alto #PAN-PA-3050	1	21,060	21,060
Network/Access Costs	Omni Access 4750 Controller #OAW-4750-US	1	21,277	21,277
Network/Access Costs	Omni Access Point #OAW-AP325	60	781	46,860

Smart Schools Investment Plan - School Connectivity & Classroom

Community Connectivity (Broadband and Wireless)

Page Last Modified: 11/08/2016

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.

Smart Schools Investment Plan - School Connectivity & Classroom

Community Connectivity (Broadband and Wireless)

Page Last Modified: 11/08/2016

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 - School Connectivity & Classroom

Classroom Learning Technology

Page Last Modified: 11/08/2016

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.

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2. Connectivity Speed Calculator (Required)

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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.

Currently Brewster CSD has a Wireless Aruba Network at all schools and Wireless Aruba Access Points in all school libraries, middle and high school cafeterias, general meeting areas, classrooms in Brewster High School, H.H. Wells Middle School, and C.V. Starr Elementary School, and temporary access (not mounted) in all classrooms at the John F. Kennedy Elementary School. The placement of our existing wireless access points is sufficient and robust enough to adequately support new and existing devices.

Smart Schools Investment Plan - School Connectivity & Classroom

Classroom Learning Technology

Page Last Modified: 11/08/2016

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 we intend to purchase are Chromebooks, iPads, and desktop computers (Mac and Windows) and all are fully compatible with our existing and planned platforms and systems. In areas where we plan to put desktop computers, there is currently adequate electrical capacity for the new devices, as well as additional peripherals. The other devices we intend to purchase are mobile devices and the battery life is adequate to last a school day. There is adequate electrical capacity for the dozens of carts, and many of the devices will be used and charged in our students' homes.

The Dell Latitudes are powerful Windows laptops which will be used by students for specific courses, including Project Lead the Way, which requires such a device for the teacher and the students. The Project Lead the Way courses are offered in the middle school and the high school.

The Macbook Pro computers are powerful Macintosh computers and will be used in the intermediate and middle school art program as part of the district's vertically aligned curriculum. The intermediate and middle school art teachers have collaborated in professional learning sessions which also included high school art teachers to ensure a smooth scaffolding of skills. The Macbook Pro is the choice because there is not space for full Macintosh lab in these schools, and the art rooms serve multiple purposes.

Many of the SMART Boards in our district are ten years old and are failing. Rather than replace them with SMART Boards, we will install large flat screen TVs in the classrooms because they provide a much clearer and brighter display.

Smart Schools Investment Plan - School Connectivity & Classroom

Classroom Learning Technology

Page Last Modified: 11/08/2016

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?")

The district's Technology Plan was written to be inclusive of all students and enhance differentiated instruction. Because many of the instructional resources we select are now digital, many of these tools are available both inside and outside of the classroom, essentially anytime, anywhere, and on any device. Assistive technologies will be utilized with the new devices to provide appropriate access to students who might otherwise be at a disadvantage or require extensive modifications. For example, screen readers and speech-to-text technology are often web-based (rather than device specific), and advanced devices such as Tobi technologies allow students with disabilities to take ownership of their learning despite physical disabilities. Assistive technologies may be specifically defined in a student's IEP, but the district strives to promote minimally restrictive environments for all students.

The district plans, budgets and provides appropriate technology access for all students, and those with disabilities or who are English language learners have the technologies necessary for them to actively participate in their learning. Our efforts around technological equity apply to all classroom environments and grades, and we use internal resources as well as outside consultants to assist in ensuring the most appropriate resources are available for our students. The Committee on Special Education is consulted and actively involved in the selection and evaluation of emerging technologies, and the district's technology committee and school technology committees meet regularly to review the success of technology as a tool to level the playing field as well as resources that are needed to address students who struggle with the rigorous curricula.

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's move to cloud-based resources, including Google Apps for Education and Blogs allows for sharing district news, student work, upcoming events, and more with appropriate stakeholders. The district will be moving to a new WordPress hosted website which will allow us to leverage the various communications capabilities--Twitter, RSS, Subscription, Google+, and facebook--to meet our intended audience in their own personal space. The devices will allow us to use Google Hangouts as a medium for building regional and distance partnerships with other districts in ways that would otherwise be impractical.

Smart Schools Investment Plan - School Connectivity & Classroom

Classroom Learning Technology

Page Last Modified: 11/08/2016

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."

The district's professional development plan is aligned to its needs, as determined by various data points collected through surveys and observational data. The intended audiences are administrators, teachers, and non-instructional staff members, and the various training strategies are geared to meet the unique needs of each group. The district provides in-person training before, during, and after school hours; during faculty meetings; through external Teacher Center offerings; at building level Technology Committee meetings; during faculty meetings; when school is not in session or holiday breaks; via online resources developed specifically for the district population and via targeted resources disseminated through email or on training websites. T

Professional development opportunities follow established best practices and respect the various needs and learning styles of our adult learners. Our professional development is designed to take existing content knowledge and scaffold those skills to new experiences and learning opportunities for teachers and students. This process includes sharing strategies for moving along the SAMR continuum with purposeful implementation of to maximize the impact on student learning.

Examples of topics that are offered to support staff with the inclusion of devices that will be purchased with SSBA funds include:

- Google Apps Overview
- Google Drive: Detailed Workshop
- Google Docs: Detailed Workshop
- Google Sheets: Detailed Workshop
- Google Slides: Detailed Workshop
- Google Forms: Detailed Workshop
- Google Classroom
- Google Forms
- Castle Learning Introduction
- Student Response: Kahoot and Formative
- Student Videos with YouTube Creator
- Zaption: Interactive Video Assessments
- Coding on iPads
- Flipping Your Classroom
- Strategies to Engage Students During Finals Review
- Gmail and Google Calendar
- Teacher Websites with Edublogs
- Google Apps Overview and Drive
- Fundamental GAFE Operations
- Fundamental GAFE for Teaching
- GAFE for Administrators
- Google Classroom and Forms
- Developing a Digital Web Presence
- Advanced Level Digital Learning
- Digital Learning for Elementary Students
- Google Certified Educator Level 1
- Google Certified Educator Level 2

Smart Schools Investment Plan - School Connectivity & Classroom

Classroom Learning Technology

Page Last Modified: 11/08/2016

- 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 New Paltz

- 9b. **Enter the primary Institution phone number.**

845-257-SUNY (7869)

- 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.**

Dean Michael Rosenberg (spoke with several times)

- 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.**

The district has coordinated with Mark Jacobs, the director of the Longview School which is within our district. In our conversations, we unanimously agreed that the school district would loan Chromebook purchased through SSBA funds, not to exceed \$250/student. The nonpublic school has already requested the specified equipment on May 16, 2016, and we have included those devices in our planned purchases. The district has posted this information to the public via our Technology and Innovation blog.
The district will require the nonpublic schools to request the loaned devices each year by December 15th of the current school year.

- 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.

Smart Schools Investment Plan - School Connectivity & Classroom

Classroom Learning Technology

Page Last Modified: 11/08/2016

	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	1,337,660	3,248	28	3,276	408	7,000

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	(No Response)
Computer Servers	(No Response)
Desktop Computers	127,260
Laptop Computers	877,150
Tablet Computers	37,900
Other Costs	295,350
Totals:	1,337,660

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 - School Connectivity & Classroom

Classroom Learning Technology

Page Last Modified: 11/08/2016

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 11 Chromebook Mfg# XDGJH	1750	231	404,250
Laptop Computers	Asus Chromebook Flip C100 10.1	476	285	135,660
Desktop Computers	iMac, 21.5	60	1,249	74,940
Tablet Computers	iPad Air 2, 16GB, WiFi #MGLW2LL/A	100	379	37,900
Other Costs	Sharp LC-70LE661U 70 (this is a TV)	150	1,969	295,350
Laptop Computers	MacBook Pro 15-inch w/retina display, 2.2GHz, 256GB, SKU# MJLQ2LL/A,	60	1,899	113,940
Desktop Computers	OptiPlex 3020 Small Form Factor and monitor CTO, SKU #210-ABIX,	80	654	52,320
Laptop Computers	Dell Latitude E6440, SKU #X0314	150	1,442	216,300
Laptop Computers	Non-public school expenditures Asus Chromebook Flip C100 10.1	25	280	7,000

Smart Schools Investment Plan - School Connectivity & Classroom

Pre-Kindergarten Classrooms

Page Last Modified: 11/08/2016

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 - School Connectivity & Classroom

Pre-Kindergarten Classrooms

Page Last Modified: 11/08/2016

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 - School Connectivity & Classroom

Replace Transportable Classrooms

Page Last Modified: 11/08/2016

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.

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 - School Connectivity & Classroom

High-Tech Security Features

Page Last Modified: 11/08/2016

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)

Smart Schools Investment Plan - School Connectivity & Classroom

Report
