Smart Schools Investment Plan - Revised - 2018 SSIP

SSIP Overview

Institution ID

800000039691

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

Jim Treloar

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

845-279-8000 Ext 1157

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

jtreloar@brewsterschools.org

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

Supplemental submission

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

☑   District Educational Technology Plan Submitted to SED and Approved

4.   **Pursuant to the requirements of the Smart Schools Bond Act, the planning process must include consultation with parents, teachers, students, community members, other stakeholders and any nonpublic schools located in the district.**
By checking the boxes below, you are certifying that you have engaged with those required stakeholders. Each box must be checked prior to submitting your Smart Schools Investment Plan.

☑   Parents
☑   Teachers
☑   Students
☑   Community members

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

☑   Yes
☐   Yes, but they have all since closed, moved out of district or are declining use of SSBA funds
☐   No

6.   **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 occured 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.

SSIP Overview

6a. **Please upload the proposed Smart Schools Investment Plan (SSIP) that was posted on the district's website, along with any supporting materials. Note that this should be different than your recently submitted Educational Technology Survey. The Final SSIP, as approved by the School Board, should also be posted on the website and remain there during the course of the projects contained therein.**

Brewster Final Smart Schools Investment Plan 2018-2019.pdf

6b. **Enter the webpage address where the final Smart Schools Investment Plan is posted. The Plan should remain posted for the life of the included projects.**

https://www.brewsterschools.org/Page/2725

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

3,300

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

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

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

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

10. **Please upload a signed Memorandum of Understanding with all of the participating Consortium partners.**

(No Response)

11. **Your district's Smart Schools Bond Act Allocation is:**

$1,607,265

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

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	3,248	28	3,276.00	0.85

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

	Sub-Allocations	Expenditure Totals	Difference
School Connectivity	45,966.00	45,966.00	0.00
Connectivity Projects for Communities	0.00	0.00	0.00
Classroom Technology	134,442.00	134,442.00	0.00
Pre-Kindergarten Classrooms	0.00	0.00	0.00
Replace Transportable Classrooms	0.00	0.00	0.00
High-Tech Security Features	0.00	0.00	0.00
Nonpublic Loan	0.00	0.00	0.00
Totals:			

Smart Schools Investment Plan - Revised - 2018 SSIP

SSIP Overview

	Sub-Allocations	Expenditure Totals	Difference
	180,408	**180,408**	**0**

Smart Schools Investment Plan - Revised - 2018 SSIP

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.

   Brewster CSD Currently provides 850 Mbps of bandwidth to the 3,135 students it serves which is more than double the minimum standard.

   1a. **If a district believes that it will be impossible to meet this standard within 12 months, it may apply for a waiver of this requirement, as described on the Smart Schools website. The waiver must be filed and approved by SED prior to submitting this survey.**

   ☐ By checking this box, you are certifying that the school district has an approved waiver of this requirement on file with the New York State Education Department.

2. **Connectivity Speed Calculator (Required). If the district currently meets the required speed, enter "Currently Met" in the last box: Expected Date When Required Speed Will be Met.**

	Number of Students	Required Speed in Mbps	Current Speed in Mbps	Expected Speed to be Attained Within 12 Months	Expected Date When Required Speed Will be Met
Calculated Speed	3,135	313.50	850	(No Response)	(No Response)

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

   - **Setup of a Virtual Desktop Infrastructure**
   - We will be expanding the current infrastructure that the district has set up for VDI by adding another server and configuring it for added users and redundancy. This will allow each of the servers to function independently and also to fail-over to the other should one of the servers stop functioning properly thus making a more reliable network for VDI.

4. **Describe the linkage between the district's District Instructional Technology Plan and how the proposed projects will improve teaching and learning. (There should be a link between your response to this question and your responses to Question 1 in Section IV - NYSED Initiatives Alignment: "Explain how the district use of instructional technology will serve as a part of a comprehensive and sustained effort to support rigorous academic standards attainment and performance improvement for students."**

   Your answer should also align with your answers to the questions in Section II - Strategic Technology Planning and the associated Action Steps in Section III - Action Plan.)

   One of Brewster's three goals from our technology plan is to "Make 75% of student, teacher and classroom devices more agile and collaborative by the end of the 2020-2021 school year." This will be accomplished through the two projects proposed in this SSIP. The first is to add interactive whiteboards that have the added functionality of being able to screen-cast to and interact with using multiple devices and the second is to expand our Virtual Desktop Infrastructure, VDI, which will make the Chromebooks that our students and teachers use more versatile. VDI has two main advantages for end users:
   1. Students and teachers will have access to applications such as Autodesk Inventor, Adobe Creative Suite and Microsoft Office which wouldn't normally be available on a Chromebook; and
   2. They will be able to do work in these programs from home instead of needing to be on a Windows-based device that is physically located in 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.

   Every student in grades 6-12 is given a Chromebook to use throughout the day and to take home. There is a cart of Chromebooks in each homeroom in grades 1-5 for students to use daily. We have complete WiFi coverage throughout all of our buildings with access points in nearly every classroom and in all general areas such as libraries, gymnasiums, auditoriums and cafeterias. We have 850 Mbps of bandwidth split between two separate ISPs with automatic failover and shaped to balance out traffic between buildings and prioritizing educational use over social media or other traffic. Our connections between buildings is dual 10 Gb fiber with automatic failover to ensure constant uptime. We monitor our traffic daily and have not exceeded our bandwidth needs at this moment across both our wired and wireless networks.

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

Project Number
480601060004BA1

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.**

Smart Schools Investment Plan - Revised - 2018 SSIP

School Connectivity

Name	License Number
Russ Davidson	19885

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

Select the allowable expenditure type. Repeat to add another item under each type.	**PUBLIC** Items to be Purchased	Quantity	Cost Per Item	Total Cost
(No Response)	(No Response)	(No Response)	(No Response)	0.00
		0	0.00	0

10. **Public Expenditures – Non-Loanable (Does not count toward nonpublic loan calculation)**

Select the allowable expenditure type. Repeat to add another item under each type.	**PUBLIC** Items to be purchased	Quantity	Cost per Item	Total Cost
Professional Services	Setup of expanded Virtual Desktop Infrastructure	1	15,000.00	15,000.00
Network/Access Costs	Server	1	30,966.00	30,966.00
		2	45,966.00	45,966

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

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	3,248	28	3,276.00	0.85

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

	Public Allocations	Estimated Nonpublic Loan Amount	Estimated Total Sub-Allocations
Network/Access Costs	(No Response)	0.00	0.00
School Internal Connections and Components	(No Response)	0.00	0.00
Other	(No Response)	0.00	0.00
Totals:	**0.00**	**0**	**0**

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

	Sub-Allocation
Network/Access Costs	30,966.00
Outside Plant Costs	0.00
School Internal Connections and Components	(No Response)
Professional Services	15,000.00
Testing	0.00
Other Upfront Costs	

Smart Schools Investment Plan - Revised - 2018 SSIP

School Connectivity

	Sub-Allocation
	0.00
Other Costs	0.00
Totals:	**45,966.00**

14.   **School Connectivity Totals**

	Total Sub-Allocations
Total Loanable Items	0.00
Total Non-loanable Items	45,966.00
Totals:	**45,966**

Smart Schools Investment Plan - Revised - 2018 SSIP

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.**

N/A

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.**

N/A

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.**

N/A

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

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

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

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
(No Response)	(No Response)	(No Response)	(No Response)	0.00
		0	0.00	0

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

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

	Sub-Allocation
Network/Access Costs	0.00
Outside Plant Costs	0.00
Tower Costs	0.00
Customer Premises Equipment	0.00
Professional Services	0.00
Testing	0.00
Other Upfront Costs	0.00
Other Costs	0.00
Totals:	**0.00**

Smart Schools Investment Plan - Revised - 2018 SSIP

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.

   Brewster CSD Currently provides 850 Mbps of bandwidth to the 3,135 students it serves which is more than double the minimum standard. This bandwidth is split between two separate ISPs with automatic failover and shaped to balance out traffic between buildings and prioritizing educational use over social media or other traffic. Our connections between buildings is dual 10 Gb fiber with automatic failover to ensure constant uptime.

   1a. **If a district believes that it will be impossible to meet this standard within 12 months, it may apply for a waiver of this requirement, as described on the Smart Schools website. The waiver must be filed and approved by SED prior to submitting this survey.**

   ☐ By checking this box, you are certifying that the school district has an approved waiver of this requirement on file with the New York State Education Department.

2. **Connectivity Speed Calculator (Required). If the district currently meets the required speed, enter "Currently Met" in the last box: Expected Date When Required Speed Will be Met.**

	Number of Students	Required Speed in Mbps	Current Speed in Mbps	Expected Speed to be Attained Within 12 Months	Expected Date When Required Speed Will be Met
Calculated Speed	3,135	313.50	850	(No Response)	(No Response)

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.

   Every student in grades 6-12 is given a Chromebook to use throughout the day and to take home. There is a cart of Chromebooks in each homeroom in grades 1-5 for students to use daily. We have complete WiFi coverage throughout all of our buildings with access points in nearly every classroom and in all general areas such as libraries, gymnasiums, auditoriums and cafeterias. We have 850 Mbps of bandwidth split between two separate ISPs with automatic failover and shaped to balance out traffic between buildings and prioritizing educational use over social media or other traffic. Our connections between buildings is dual 10 Gb fiber with automatic failover to ensure constant uptime. We monitor our traffic daily and have not exceeded our bandwidth needs at this moment across both our wired and wireless networks.

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.**

Interactive Displays:

- The new interactive displays that the District will purchase and install to replace the aging and failing Smart Boards that are currently in each classroom will help to transform the way that teachers and learners interact and share information in the classroom. These interactive displays have the ability to be cast to from any device. This will allow a teacher to easily have a student share work that they are doing on their Chromebook on the classroom display. These new interactive displays also function as a basic whiteboard and can access the internet without even needing to turn on a connected computer. This added versatility not only supports the five skills identified in our Strategic Coherence Plan, but better reflects the way teams work and collaborate in today's businesses and organizations.

- Since we already have projectors and smart boards in every classroom the power and network cabling is already in place. Many of our teachers already use Smart Notebook software for many of their lessons and the Smart Interactive Displays work seamlessly with that existing software. Casting (Screensharing) to these Interactive Displays works with all of the mobile devices currently in use within the district.

Server to expand our Virtual Desktop Infrastructure (VDI)

- VDI makes the Chromebooks that students and teachers are using more versatile by creating a Virtual Desktop Infrastructure or VDI where a Window-based desktop can be accessed from any device, anywhere they are connected to the internet. VDI has two main advantages for end users:

1. Students and teachers will have access to applications such as Autodesk Inventor, Adobe Creative Suite and Microsoft Office which wouldn't normally be available on a Chromebook and,

2. They will be able to do work in these programs from home instead of needing to be on a Windows-based device that is physically located in the district.

- VDI also has many benefits for the Technology Department:

1. There is no need to purchase additional devices for students to access these programs as we expand this curriculum to more grade levels and make it available to more students; and

2. Management of the programs and the Virtual Desktop are all done from a single location ultimately taking up less staff time to maintain.

Smart Schools Investment Plan - Revised - 2018 SSIP

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?")
   In addition, describe how the district ensures equitable access to instruction, materials and assessments and participation in the general curriculum for both SWD and English Language Learners/Multilingual Learners (ELL/MLL) students.

   These new displays in the classroom will benefit students with disabilities and ELL students in a variety of ways.
   - The clear and vibrant displays will make the content more visible for all learners in the classroom (currently many of our projector based displays are very dim and difficulty to see). One of the key strategies that our high level ELL students shared with staff is that visual representations of topics and words were extremely helpful when they were new to the country and the language. These new displays and renewed training in how to use the features of Smart Notebook and other software will encourage teachers to employ more visuals in their lessons.
   - We are training all staff in all of the different collaborative features of the board, and in the hands-on interactive components of Smart Notebook so that they are able to build more engaging lessons that will benefit those students with disabilities and ELL students that are more visual and tactile learners.
   - The screen sharing capability allows the district to foster more student centered learning with students able to share what they are working on on their own device. This ability to cast their screen to the rest of the class will provide more opportunities for students with disabilities and ELL students to explain their thinking and make connections to prior learning.
   VDI Servers
   - One of the major learning gaps we identified with our Project Lead the Way and media arts classes is that the software that is key to these classes needed to be loaded on to either Windows or Mac devices that were kept in the classroom. These programs were not accessible from home or on any other devices throughout the school.
   - With VDI students will be able to access these applications on any device from anywhere. This is a clear benefit to all ELL Students and students with disabilities providing them with additional time outside of the classroom to work on projects. Having access to these software programs outside of school on their own device will allow these students to work at their own pace and enlist additional assistance from friends and family to translate for them when needed.
   - Expanding the use of these programs from our STEM and Arts classes will allow more students with disabilities and ELL students to study in these fields.

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.**

   These particular investments are not designed to enhance ongoing communication with parents or other stakeholders, however, having a Virtual Desktop Infrastructure would be beneficial in distance learning courses that are available regionally.

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."

New Smart Interactive Panel Displays:
- As stated in our Instructional Technology Plan "Each teacher that will receive a new fully interactive Smart Display will be required to attend 4 half-day trainings over the course of the year to learn how to use all of the different features and use it to promote more student centered lessons and project based learning."
- Day 1 - In person, facilitated by Teq staff
- Overall Objectives:
- How to use all of the physical features of the board from screen sharing, whiteboard, etc...
- Understand the capabilities for Smart Learning Suite and set the stage for more training in how to use that and Smart Response.
- How these tools can support Student Centered Learning - our Vision and our Strategic Plan help to clarify that a little more:
- How this fits with realizing the district's vision"Brewster Central School District will engage all learners in authentic problem and project-based learning, inspire and empower them to ask and answer questions of personal and public interest and be responsible digital citizens."
- How this fits with our Strategic Coherence Plan. (this is largely focused on the following Success Skills)
- Critical Thinking
- Communication & Collaboration
- Adaptability
- Civic Responsibility
- Perseverance
- Day 2 - In person, facilitated by Teq staff
- Overall Objectives:
- How to use Smart Notebook and Smart Learning Suite.
- How to use Smart Response within your lessons for formative assessment.
- Day 3 - In person, facilitated by Brewster staff
- Overall Objectives:
- How to use Smart Panels in more student centered lessons.
- How to turn an existing teacher centered content driven lesson into one that is more student centered and project based.
- How to build more collaboration into existing lessons.
- Day 4 - online - asynchronous, facilitated by Brewster staff
- Overall Objectives:
- How to facilitate online discussions and collaboration.
- How to incorporate online resources into your curriculum.

9.   **Districts must contact one of the SUNY/CUNY teacher preparation programs listed on the document on the left side of the page that supplies the largest number of the district's new teachers to request advice on innovative uses and best practices at the intersection of pedagogy and educational technology.**

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

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

SUNY New Paltz

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

845-257-SUNY

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

Smart Schools Investment Plan - Revised - 2018 SSIP

Classroom Learning Technology

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

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

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

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

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

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be Purchased	Quantity	Cost per Item	Total Cost
Interactive Whiteboards	Fixed Wall Display Mount	45	69.00	3,105.00
Interactive Whiteboards	BenQ 75	45	2,899.00	130,455.00
Interactive Whiteboards	HDMI Cable	45	19.60	882.00
		135	**2,987.60**	**134,442**

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

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	3,248	28	3,276.00	0.85

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

	Public School Sub-Allocation	Estimated Nonpublic Loan Amount (Based on Percentage Above)	Estimated Total Public and Nonpublic Sub-Allocation
Interactive Whiteboards	134,442.00	0.00	134,442.00
Computer Servers	0.00	0.00	0.00
Desktop Computers	0.00	0.00	0.00
Laptop Computers	0.00	0.00	0.00
Tablet Computers	0.00	0.00	0.00
Other Costs	0.00	0.00	0.00
Totals:	**134,442.00**	**0**	**134,442**

Smart Schools Investment Plan - Revised - 2018 SSIP

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.**

   N/A

2. **Describe the district's plan to construct, enhance or modernize education facilities to accommodate pre-kindergarten programs. Such plans must include:**

   - Specific descriptions of what the district intends to do to each space;
   - An affirmation that new pre-kindergarten classrooms will contain a minimum of 900 square feet per classroom;
   - The number of classrooms involved;
   - The approximate construction costs per classroom; and
   - Confirmation that the space is district-owned or has a long-term lease that exceeds the probable useful life of the improvements.

   N/A

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.**

   N/A

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

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

Project Number
(No Response)

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

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
(No Response)	(No Response)	(No Response)	(No Response)	0.00 0.00
		0	0.00	0

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

	Sub-Allocation
Construct Pre-K Classrooms	0.00
Enhance/Modernize Educational Facilities	0.00
Other Costs	0.00
Totals:	**0.00**

Smart Schools Investment Plan - Revised - 2018 SSIP

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.**

N/A

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.

N/A

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

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
(No Response)	(No Response)	(No Response)	(No Response)	0.00
		0	0.00	0

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

	Sub-Allocation
Construct New Instructional Space	0.00
Enhance/Modernize Existing Instructional Space	0.00
Other Costs	0.00
Totals:	**0.00**

Smart Schools Investment Plan - Revised - 2018 SSIP

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.**

N/A

2. **All plans and specifications for the erection, repair, enlargement or remodeling of school buildings in any public school district in the State must be reviewed and approved by the Commissioner. Smart Schools plans with any expenditures in the High-Tech Security category require a project number from the Office of Facilities Planning. Districts must submit an SSBA LOI and receive project numbers prior to submitting the SSIP. As indicated on the LOI, some projects may be eligible for a streamlined review and will not require a building permit.**
Please indicate on a separate row each project number given to you by the Office of Facilities Planning.

Project Number
(No Response)

3. **Was your project deemed eligible for streamlined Review?**

☐ Yes
☐ No

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

Name	License Number
(No Response)	(No Response)

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

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
(No Response)	(No Response)	(No Response)	(No Response)	0.00
		0	0.00	0

6. **If you have made an allocation for High-Tech Security Features, complete this table.**
Enter each Sub-category Public Allocation based on the the expenditures listed in Table #5.

	Sub-Allocation
Capital-Intensive Security Project (Standard Review)	0.00
Electronic Security System	0.00
Entry Control System	0.00
Approved Door Hardening Project	0.00
Other Costs	0.00
Totals:	0.00

Smart Schools Investment Plan - Revised - 2018 SSIP

Non-Public Schools

1. **Describe your plan to utilize SSBA funds to purchase devices and loan to the nonpublic schools within your district. Please specify what devices have been requested by the nonpublic schools. If the nonpublic schools have not finalized requests, the district should provide the date nonpublic schools will submit the request by.**

The non-public maximum of $250 per student has been met when we did our first Smart Schools Investment Plan.

2. **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.

2a. **Please enter the date each year nonpublic schools must request loanable items from the school district. This date cannot be earlier than June 1 of the previous school year.**

(No Response)

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

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	3,248	28	3,276.00	0.85

4. **Nonpublic Loan Calculator**

	Loanable School Connectivity	Loanable Classroom Technology	Additional Nonpublic Loan (Optional)	Estimated Per Pupil Amount - This Plan	Previously Approved Per Pupil Amount(s)	Cumulative Per Pupil Loan Amount	Final Per Pupil Loan Amount - This Plan	Final Total Loan Amount - This Plan
Required Nonpublic Loan	0.00	134,442.00		41.39	250.00	250.00	0.00	0.00
Final Adjusted Loan - (If additional loan funds)	0.00	134,442.00	(No Response)	41.39	250.00	250.00	0.00	0.00

5. **Nonpublic Share**

	Final Per Pupil Amount	Final Nonpublic Loan Amount
Pending and Previously Approved Plans	250.00	7,000.00
This Plan	0.00	0.00
Total	250.00	7,000.00

6. **Distribution of Nonpublic Loan Amount by School**

Nonpublic School Name	2018-19 K-12 Enrollment	Special Ed School? If Yes, not eligible
GREEN CHIMNEYS SCHOOL-LITTLE FOLKS	244	Yes
LONGVIEW SCHOOL	28	No

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

Smart Schools Investment Plan - Revised - 2018 SSIP

Non-Public Schools

Select the allowable expenditure type. Repeat to add another item under each type.	Items to be purchased	Quantity	Cost Per Item	Total Cost
(No Response)	(No Response)	(No Response)	(No Response)	0.00
		0	**0.00**	**0**