BURNT HILLS-BALLSTON LAKE CSD

Smart Schools Investment Plan - SSIP BHBL 1-16

SSIP Overview

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

Patrick M. McGrath Jr.

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

518 399-9141 ext. 85002

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

pmcgrath@bhbl.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 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.

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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.

Tech Plan BHBL.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://sites.google.com/a/bhbl.org/tech-plan/

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.

3,500

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:

$1,900,404

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	453,879
Connectivity Projects for Communities	0
Classroom Technology	105,000
Pre-Kindergarten Classrooms	0
Replace Transportable Classrooms	0
High-Tech Security Features	0
Totals:	**558,879**

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1. In order for students and faculty to receive the maximum benefit from the technology made available under the Smart Schools Bond Act, their school buildings must possess sufficient connectivity infrastructure to ensure that devices can be used during the school day. Smart Schools Investment Plans must demonstrate that:

- **sufficient infrastructure that meets the Federal Communications Commission's 100 Mbps per 1,000 students standard currently exists in the buildings where new devices will be deployed, or**
- **is a planned use of a portion of Smart Schools Bond Act funds, or**
- **is under development through another funding source.**

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

1. Specifically codified in a service contract with a provider, and

2. Guaranteed to be available to all students and devices as needed, particularly during periods of high demand, such as computer-based testing (CBT) periods.

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

Once the work described in question #3 (below) is complete, high quality wireless will be available throughout the interior of the buildings in the district and certainly within the teaching spaces. The network will support the connectivity speed required by Smart Schools (see question #2 below). We plan to have this work complete by 12/1/17.

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	3,100	310,000	310	200	310	12/1/2017

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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 are proposing an upgrade and expansion of the existing network in the district. At both the high school and middle school, an additional core switch will be installed to support higher speed, 10 Gig, and connectivity to the new data switches in the network. In the network closets, we will install a new switch to support additional access points and physical security devices. All existing Cat 5 cable will be removed and replaced with Cat 6a cabling. All new data cabling will be done with Cat 6a cable.
The wireless network will receive a major upgrade in both the middle and high school. The access points will be updated to the 802.11AC standard to increase throughput speeds to the 930 Meg range. Additionally, we will increase the number of access points to provide full coverage in all buildings in the district. The result is that we will have a simultaneous user experience, regardless of the user's location in the network.
The network management platform will be updated to provide increased visibility and reporting for the network. Some of the new desirable features include:

- Live Heat Maps: These reflect the current wireless coverage area.
- Location: To locate devices in the network.
- Application Monitoring and Control: To control and allocate client bandwidth usage in the network.
- BYOD Support: To authenticate and generate reports on users in the network.

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 proposed projects ensure high quality digital connectivity across the district. Digital connectivity ensures opportunities for teachers to access relevant resources, collaborate, and engage teachers and students in meaningful learning.
Teachers will utilize digital connectivity to expose students to global resources, cultures, and ideas.
Students will have access to technology that will enable them to apply learning to both individual and collaborative activities and projects. Projects could be within classrooms, among classrooms, with different buildings, schools, and even outside the countries.
Teachers and students will have access to real-time assessment tools that will drive instruction and provide immediate feedback.
Expanded digital connectivity and technology, through both district acquired resources and student provided devices, will provide increased opportunities for different avenues of learning.
Teachers will use technology and digital connectivity to attend virtual professional seminars and conferences.
Digital connectivity will allow parents to have increased access to their child's academic program and progress.
Technology will allow teachers to differentiate learning for multiple learning styles and ability levels.
District will support specific technologies related to various fields to expose students to the cutting edge of business, research, and industry.

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

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

The BHBL district has built a robust wireless network that permits students and staff to have authenticated access to a content filtered network. The district is using Cisco commercial grade 802.11 AC Access points in a density design model that permits all students to have simultaneous access to the network for educational use. The final design will have a mimimum of one WAP per classroom and a mimimum of one WAP per 30 students in areas where capacity exceeds 30 students (cafeterias, auditoriums, etc.). Additionally, all WAP will be connected to the LAN using Cat 6 cabling. The network is secure, and managed, with the ability for users to bring their own device into the environment. The wireless network is built on a solid Cisco network infrastructure supporting gigabit connectivity speeds between the users and the network and ten gigabit connection speeds between the network wiring closets and the core of the network.

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.

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Project Number
52-01-01-06-7-999-SB1

7. Certain high-tech security and connectivity infrastructure projects may be eligible for an expedited review process as determined by the Office of Facilities Planning.

Was your project deemed eligible for streamlined review?

Yes

7a. Districts that choose the Streamlined Review Process will be required to certify that they have reviewed all installations with their licensed architect or engineer of record and provide that person's name and license number. The licensed professional must review the products and proposed method of installation prior to implementation and review the work during and after completion in order to affirm that the work was code-compliant, if requested.

☑ I certify that I have reviewed all installations with a licensed architect or engineer of record.

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

Name	License Number
Mosaic Associates	18194

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	323,795
Outside Plant Costs	(No Response)
School Internal Connections and Components	38,239
Professional Services	91,845
Testing	(No Response)
Other Upfront Costs	(No Response)
Other Costs	(No Response)
Totals:	**453,879**

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.

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Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
Connections/Components	Cabling for Switches MS and HS	1	5,932	5,932
Connections/Components	Middle School- Upgrade all Data Cable to Cat 6a- Materials and Labor	1	32,307	32,307
Professional Services	Architectural and Technical Services related to HS and MS Data Cable Upgrade	1	91,845	91,845
Network/Access Costs	Catalyst 2960-X 48 GigE PoE 740W, 2 x 10G SFP+, LAN Base K12	22	4,078	89,716
Network/Access Costs	Wireless AP using 802.11acCAP 3x4:3SS;Int Ant; Reg Domain	187	558	104,346
Network/Access Costs	Catalyst 4500-X -16 port 10G IP Base, Front to Back, No P/S	1	8,160	8,160
Network/Access Costs	Catalyst 4500-X -40 port 10G Ent. Services, Front to Back, No P/S	2	22,440	44,880
Network/Access Costs	Catalyst 2960-X Flex Stack plus Stacking Module	18	609	10,970
Network/Access Costs	CISCO FlexStack 3M stacking cable	9	102	918
Network/Access Costs	Catalyst 2960S Flex Stack module	18	671	12,072
Network/Access Costs	CISCO 10GBASE-LRM SFP module	30	507	15,224
Network/Access Costs	Catalyst 4500x 750W AC front cooling power supply	6	1,020	6,120
Network/Access Costs	CISCO 10GBASE-CU SFP+ Cable 5 Meter	15	77	1,148
Network/Access Costs	CISCO 1000BASE-LX/LH SFP transceiver module, MMF/SMF, 1310nm, DOM	4	507	2,030
Network/Access Costs	CISCO 1000BASE-T SFP	4	201	806
Network/Access Costs	Wireless AP using 802.11acCAP 3x4:3SS;Ext. Ant; Reg Domain	27	609	16,443
Network/Access Costs	CISCO 5508 Series Wireless Controller for High Availability	1	10,200	10,200
Network/Access Costs	Cisco 5500 Series Wireless Controller Redundant Power Supply	1	762	762

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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.

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

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

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

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

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

We plan to purchase ten 84" interactive LCD smart monitors with this portion of our Smart Schools funding. Interactive whiteboard technology. become a central feature of our 21st Century classrooms. Our 2013 Capital Project included upgrades to the power distribution in all 5 of our buildings to allow these smart LCD panels to be installed seamlessly.

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?"

Elementary

In our BH-BL elementary schools, technology is fully accessible to students and is integrated into classrooms. Technology is a basic component to our programs. Each building has a computer lab with either PCs or Macs, as well as a mobile cart with a class set of MacBook Air computers. All students also have access to a fully functional Mac lab in the library. All classrooms are equipped with projectors and screens, and many of the projectors are interactive. All of our schools have wireless networks so mobile devices can be used anywhere in the buildings. Each K-2 class currently has 6 to 9 iPads that are used in centers and can also function as document cameras. Our grades 3 to 5 classrooms each have a rolling cart with a full class set of Chromebooks for a one-to-one computer model. Throughout the buildings Google Apps are used to create and share projects, including Docs, Sheets, Slides, Draw, and Google Classroom. In some classes students also use Gmail to communicate with classmates and teachers. The significant investment the district has made at the elementary schools over the past few years, means the need is not as great in those buildings as it is at the middle and high schools.

Interactive whiteboard technology will become a central feature of our 21st Century classrooms. As large, thin bright LCD smart panels are developed, teachers will be able to project lessons in such a manner that the content can be saved and archived. Collaborative documents displayed on these boards allow students to participate from their desks in real time. Video conferenceing can be seamlessly incorporated into lessons. Our 2013 capital project included upgrades to the power distribution in all 5 of our buildings to allow these smart LCD panels to be installed seamlessly.

Middle School

It is the goal at O'Rourke Middle School to provide a technology-rich environment where all students have access to current technology to improve communication and make instruction more effective and efficient. With this technology, students are provided with the opportunities to acquire the knowledge and skills needed to be competitive in the 21st century.

The O'Rourke Middle School is a 1:1 Chromebook environment in grades 6 and 7. The 1:1 model will be phased into grade 8 during the 2016-17 school year. Students extensively use Google Apps for Education(GAFE) to collaborate with peers and share assignments with teachers and other staff. Teachers receive ongoing professional development training where they learn how to integrate GAFE and Chrome Web Store applications and extensions into their daily instruction to enrich the learning experience. The purchase of mobile devices for all teachers will allow for easier use of Gmail, Google Classroom, and Blackboard to communicate assignments, videos, and announcements with students and parents. Interactive LCD Smart panels will be introduced into Middle School classrooms as soon as this coming school year and will become commonplace in most classrooms in coming years.

By integrating technology into daily instruction, O'Rourke Middle School leaders plan to promote and provide opportunities for all students, teachers and staff to better learn, communicate and collaborate.

High School

Burnt Hills-Ballston Lake High School leaders and staff value the use of instructional technology to increase student learning and achievement. To that end, we have proposed a number of technology purchases that will allow students to work in a 21st-century learning environment.

The purchase of an array of technology devices will allow students, faculty and staff to work in a nearly 1:1 computing environment. The result of this will be increased student engagement, exposure to relevant technology and the ability to move from consumers of information to more active participants in the classroom. Collaboration in the classroom will be greatly enhanced.

Increased computer access in classrooms enables teachers and students to access cloud-based learning management systems (i.e., Blackboard, Google Classroom, etc.). As the high school moves toward a blended learning format, more classes will rely heavily on internet access and electronic means of presenting information.

Interactive LCD Smart panels will be introduced into High School classrooms as soon as this coming school year. The new STEAM addition will feature these panels in all classrooms. These displays will become commonplace in most classrooms in coming years.

Special Needs

- Approximately 25 percent of the total number of students with disabilities in the district are provided with assistive technology as documented on their Individualized Education Plan (IEP) or through ELL Services.
- Students with disabilities require access to a number of assistive technology devices including iPads, laptops, augmentative communication devices, interactive smart- boards, and personal and field sounds systems. Similar devices are available to ELL students as needed.
- Additionally, there are a wide variety of text-to-speech and speech-to-text programs, word prediction audiobooks, and other language-based software applications that our students require to allow them to successfully access the curriculum and communicate in the school setting.
- In addition to these devices and applications, there is a great deal of staff development and ongoing implementation required in order to prepare and support teachers and other school staff in the use of these resources with students. Oversight of assistive technology within the district is critical to the procurement, implementation and sustainability of services to our students with disabilities. Therefore, professional development and assistive technology staffing resources would enhance the use of technology across the district for all students.

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.

BHBL utilizes a parent portal through the student management system as well as both Google Classroom and Blackboard as Learning Manangement Systems. This facilitates both communication and blended learning opportunities. Proposed purchases, especially teacher mobile devices, will allow teachers to create a strong digital presence to maximize the use of these tools.

The one-to-one environment created by these purchases will significantly increase student access. Students will have anytime access to our network and will allow students to enroll in the blended learning classes that the distirict is currently developing.

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."

Each year, according to the Commissioner's 100.2 Regulations, districts must create a Professional Development (PD) Plan for the upcoming school year. A key component to the PD Plan are the Priorities. For 2016-17, all BH-BL professional development opportunities are tied to one of the following priority components:

1. Professional Practice
2. CCLS/Content
3. Instruction/Student Learning
4. Required Trainings

In reviewing the district's overall professional development priorities, it is clear that training in instructional technology is emphasized in all of these priority areas. Technology training is critical to our overall professional development plan. Staff development is offered throughout the academic year and in the summer. On the average, the majority of teachers spend 30 to 40 hours per academic year on scheduled professional development activities. Below are the different modes of instruction available for teachers to fulfill professional development requirements within these four priorities:

- Professional design days
- Half days and Superintendent's Conference Days
- Faculty meetings, department or grade-level meetings focused on student learning and/or professional growth
- Team Time meetings
- Workshops provided by BH-BL staff members
- Out-of-district conferences and workshops for teachers
- Online classes and courses.

A listing of the 2014-15 PD offereings provide evidence of the of the district's committment to technology-related PD. In 2014-15 school year, the district offered:

- Embedded, weekly, small-group training in Google Apps for Education for all elementary teachers.
- On-going district-wide training in Google Docs and Google Drive.
- After-school workshops run by technology integrators on Google Classroom and Blackboard.
- External trainers brought in as needed, which included iReady trainers for math and elementary teachers andkindergarten teachers, NewsELA Pro training for Grade 9 ELA teachers, and ThinkCentral for elementary mathteachers.
- TI-Inspire Graphing Calculators and Smartboards Workshops for math teachers,
- Individualized Summer Tech Training Program on Instructional Technology Integration. Topics included:Google Drive, Google Docs, Google Sheets, Google Forms, Google Slides, Google Sites, Prezi, LucidPress, Lucid Charts, Gmail, Google Calendar, Google Classroom, Adobe Illustrator, Adobe Photoshop, Adobe InDesign, iMovie, iPhoto, and Garageband.
- Full participation in Model Schools through NERIC.
- Support of conferences and trainings out of district. In 2014-15 teachers went to NERIC Tech Awareness Day,NYSCATE Blended Learning Conference, and NERIC Blackboard Training.
- Pilot program for new software packages (i.e., Flipd.com, FitStats, NewsELA, iRead, iReady).

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.

University at Albany

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9b. Enter the primary Institution phone number.

518-442-5020

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.

Jianwei Zhang, Chair, Associate Professor

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 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.

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	Sub-Allocation
Interactive Whiteboards	105,000
Computer Servers	0
Desktop Computers	0
Laptop Computers	0
Tablet Computers	0
Other Costs	0
Totals:	**105,000**

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.

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	Clear Touch 84	10	10,500	105,000

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1. Provide information regarding how and where the district is currently serving pre-kindergarten students and justify the need for additional space with enrollment projections over 3 years.

(No Response)

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

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

(No Response)

3. Smart Schools Bond Act funds may only be used for capital construction costs. Describe the type and amount of additional funds that will be required to support ineligible ongoing costs (e.g. instruction, supplies) associated with any additional pre-kindergarten classrooms that the district plans to add.

(No Response)

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

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.

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

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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)

BURNT HILLS-BALLSTON LAKE CSD

Smart Schools Investment Plan - SSIP BHBL 1-16

High-Tech Security Features

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1. Describe how you intend to use Smart Schools Bond Act funds to install high-tech security features in school buildings and on school campuses.

(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)