

Smart Schools Investment Plan - Infrastructure and Interactive Whiteboard Project

SSIP Overview

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Group 1

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

Tim Facchin

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

845-838-6900 x2027

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

facchin.t@beaconk12.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.

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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.

SSIP_-_Infrastructure_and_Interactive_Whiteboard_Project_-_Draft.pdf
 2017-2018 Technology Budget Proposal.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.

<http://www.beaconk12.org/Page/1458>

- 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.

3,400

- 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:

\$2,182,414

- 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	471,160
Connectivity Projects for Communities	0
Classroom Technology	754,688
Pre-Kindergarten Classrooms	0
Replace Transportable Classrooms	0
High-Tech Security Features	0
Totals:	1,225,848

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School Connectivity

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Group 1

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.

The district currently has an internet connection speed of 350 Mbps. This exceeds the requirement of 100 Mbps per 1,000 students which would put us at approximately 300 Mbps. If at any time this bandwidth proves to be insufficient, we retain the option to increase our contracted speed through our provider.

- 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	2,972	297,200	297.2	350	350	2/1/2017

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

The district intends to use Smart Schools Bond Act funds to replace aging, end-of-life infrastructure equipment with modern replacements that will be able to keep up with the larger quantity and higher demand of today's devices. Included in this equipment purchase will be new Cisco switching equipment that will allow us to achieve 10 gigabit internal networking. Also included in this purchase will be Meraki wireless access points to replace our older, Cisco units at Beacon High School and Rombout Middle School.

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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 technology to improve teaching and learning by ensuring that students and faculty/staff members have modern, up-to-date equipment and services that are both readily available and reliable so that the district can continue to work towards implementing the ISTE standards in every day curriculum. The equipment purchases outlined in the School Connectivity section of our Smart Schools Investment Plan play a critical role in making this a reality. With the goal of implementing a one-to-one program for our students, our equipment count continues to rise year after year. Moving forward, our intent is to focus on utilizing cloud services such as G Suite for Education and Microsoft Office 365 as well as other online, educational resources. The district needs both a strong wireless network and back-end networking infrastructure to support the increase in equipment and cloud services as we continue to rely more and more heavily on them to increase student performance.

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.

BCSD has completed a large part of its initial wireless infrastructure deployment over the last 6 years. In that time, the earliest installed equipment has gone end-of-life and must be replaced. Wireless connectivity is estimated to provide sufficient connectivity for 20-25 devices per wireless access point. Given this estimate, it is clear that in order to move forward with our one-to-one initiative that we have at least one access point per classroom as well as failover coverage in the hallway. Our plan is to decommission the end-of-life access points from Beacon High School and Rombout Middle School and to move the remaining, active access points to the classrooms of our four elementary schools. The necessary cabling work was completed last year in anticipation of this plan. The equipment at BHS and RMS will then be replaced with modern, Meraki brand wireless access points which will provide the coverage we need throughout the entire district.

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
13-02-00-01-7-999-BA1

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.

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School Connectivity

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Name	License Number
RHINEBECK ARCHITECTURE & PLANNING PC	22726

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	389,132
Outside Plant Costs	(No Response)
School Internal Connections and Components	16,890
Professional Services	65,138
Testing	(No Response)
Other Upfront Costs	(No Response)
Other Costs	(No Response)
Totals:	471,160

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
Network/Access Costs	Cisco ASA5555-X Firewall with Firepower Services	1	15,102	15,102
Network/Access Costs	Cisco ASA5555 FirePOWER IPS 1YR Subscription	1	3,555	3,555
Network/Access Costs	SNTC-24X7X2 ASA5555-X with FirePOWER Services, 8GE,	1	6,012	6,012
Professional Services	Firewall Installation Services	1	4,793	4,793
Network/Access Costs	Cisco Meraki MR42 Cloud Managed AP	227	660	149,820
Network/Access Costs	Cisco Meraki 5 Year Enterprise License and Support System Software	227	270	61,290
Professional Services	Wireless Installation Services	1	38,937	38,937
Connections/Components	SMART UPS 1500VA RM 120V 2U LCD	23	690	15,870
Connections/Components	REPLACEMENT BATT CARTRIDGE #133	5	204	1,020
Network/Access Costs	Catalyst 2960-X FlexStack Plus Stacking Module optional	25	610	15,250
Network/Access Costs	Cisco FlexStack 1m stacking cable	2	59	118
Network/Access Costs	Cisco FlexStack 3m stacking cable	2	120	240
Network/Access Costs	10GBASE-CU SFP+ Cable 1 Meter	8	60	480
Network/Access Costs	Catalyst 2960-X 48 GigE, 2 x 10G SFP+, LAN Base	21	2,574	54,054
Network/Access Costs	Catalyst 4500-X 16 Port 10G IP Base, Front-to-Back, No P/S	2	9,600	19,200
Network/Access Costs	Catalyst 4500X 750W AC front to back cooling power supply	4	1,200	4,800
Network/Access Costs	10GBASE-LRM SFP Module	32	597	19,104
Network/Access Costs	Catalyst 2960-X 48 GigE PoE 740W, 2x10G SFP+, LAN Base	6	4,797	28,782
Network/Access Costs	8X5XNBD Catalyst 4500-X 16 Port 10G IP Base, Fro	2	972	1,944
Network/Access Costs	8X5XNBD Catalyst 2960-X 48 G	21	317	6,657
Network/Access Costs	NBD 8X5 CATALYST 2960-X 48GB POE 740W 2X10	6	454	2,724
Professional Services	Cisco Switching Infrastructure Installation Services	1	21,408	21,408

Smart Schools Investment Plan - Infrastructure and Interactive Whiteboard Project

Community Connectivity (Broadband and Wireless)

Group 1

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 - Infrastructure and Interactive Whiteboard Project

Community Connectivity (Broadband and Wireless)

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

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Classroom Learning Technology

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Questions

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:

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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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Calculated Speed	2,972	297,200	297.2	350	350	2/1/2017

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.

BCSD has completed a large part of its initial wireless infrastructure deployment over the last 6 years. In that time, the earliest installed equipment has gone end-of-life and must be replaced. Wireless connectivity is estimated to provide sufficient connectivity for 20-25 devices per wireless access point. Given this estimate, it is clear that in order to move forward with our one-to-one initiative that we have at least one access point per classroom as well as failover coverage in the hallway. Our plan is to decommission the end-of-life access points from Beacon High School and Rombout Middle School and to move the remaining, active access points to the classrooms of our four elementary schools. The necessary cabling work was completed last year in anticipation of this plan. The equipment at BHS and RMS will then be replaced with modern, Meraki brand wireless access points which will provide the coverage we need throughout the entire district.

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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.**

Utilizing the Smart Schools Bond Act funds for Classroom Learning Technology, BCSD intends to purchase interactive flat panels for all classrooms including those that have outdated, hard to see television sets or existing but also outdated interactive white boards. While adding equipment to these classrooms has been a priority, we have been limited in how many can be installed per year by our annual budget. The SSBA funds will allow us to help close this gap.

Electrical outlets are available at the front of each classroom. In the few instances where outlets must be extended to reach the center of the classroom, our district maintenance department can be utilized to make the necessary changes in-house.

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 assessing the needs of the district, it has been determined that a limiting factor in our technical evolution has been a lack of access to interactive flat panels in all of our classrooms. While this has been a strong focus, the district is still without access to this technology in many classrooms due to limitations in annual funding.

In order to engage the 21st century learner, there needs to be a practice that focuses on collaboration and interactivity. We've seen a clear performance improvement in our students, particularly in those that are struggling, when they are in classrooms where the teacher regularly uses interactive white boards.

Utilizing this equipment, teachers are able to accommodate different learning styles. Tactile learners can touch and manipulate the information displayed on the board. Teachers can highlight for the visual learner. Teachers are also able to receive instant feedback from students in order to identify needs. The interactive white board allows notes, discussions and lessons to be saved and accessed as needed. Our at risk students, ENL students, and Students with Disabilities will particularly benefit from the varied learning experiences.

Smart Schools Investment Plan - Infrastructure and Interactive Whiteboard ProjectClassroom Learning Technology

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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.**

Having interactive flat panel in the classrooms allows for many collaborative learning experiences. For example, we have utilized this technology at our elementary schools to have students interact with students from a school in Uganda. There are also opportunities for virtual field trips so that students are able to explore locations far beyond the scope of an ordinary field trip. Teachers will also be able to use the flat panels to facilitate discussions with colleagues in other schools within our district as well as other districts.

Smart Schools Investment Plan - Infrastructure and Interactive Whiteboard Project

Classroom Learning Technology

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- 8. Describe the district's plan to provide professional development to ensure that administrators, teachers and staff can employ the technology purchased to enhance instruction successfully.

Note: This response should be aligned and expanded upon in accordance with your district’s response to Question 1 of F. Professional Development of your Instructional Technology Plan: “Please provide a summary of professional development offered to teachers and staff, for the time period covered by this plan, to support technology to enhance teaching and learning. Please include topics, audience and method of delivery within your summary.”

Professional development will be coordinated by Executive Director for Instruction, Assistant Superintendent for Instructional Services and the Superintendent of Schools. Strategies for providing ongoing, sustained professional development for all teachers, principals, administrators include the following:

- Engage in professional growth and leadership so that teachers continuously improve practice, model lifelong learning, and exhibit leadership as a professional learning community by promoting and demonstrating the effective use of digital tools and resources.
- Teachers and staff are encouraged to attend workshops in a variety of forums and settings: after school, in-service workshops during the school day, use of structured Superintendent’s Conference Days that incorporate technology offerings from various internal and external providers, and offerings provided through My Learning Plan.
- Professional development around digital literacy is incorporated into all district initiatives so staff can fully utilize technologies to improve student learning.
- Align professional development with district initiatives such as differentiated instruction, student engagement, Response to Intervention, etc.
- Staff will self-evaluate digital literacy and classroom integration using the latest ISTE-S and ISTE-T standards which are inherent in the design of professional development sessions to ensure desired technology competencies are attained.
- Use of a feedback form for professional development evaluation and revision.

Topic	Audience	Method of Delivery	Timeframe
Interactive Flat Panels and Curriculum Integration	BCSD Teachers	In-person training sessions / Video learning material	Superintendent's Conference Days and other sessions based on Faculty/Staff availability as well as on-demand for available content.
Working with G-Suite for Education	All Faculty and Staff	In-person training sessions	Superintendent's Conference Days and other sessions based on Faculty / Staff availability.
Google Mail and Calendar	All Faculty and Staff	In-person training sessions	Superintendent's Conference Days and other sessions based on Faculty / Staff availability.
Google Classroom	BCSD Teachers	One-on-one mentoring sessions	On-demand with interested teachers during initial piloting timeframe.
Internet Safety	All Faculty and Staff	In-person training session / Video learning material	On-demand and by departmental request.
Data Reporting Accuracy	BCSD Teachers	In-person training session	"Clean Data" team uses a turnkey trainer approach to demonstrate and guide teachers in providing accurate and timely data with regular, time-sensitive topics for meetings.
Miscellaneous	All Faculty and Staff	In-person training session / Video learning materia	On-demand and by departmental request.

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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) 257-7869

- 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.

Kiersten Greene

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.

We have reached out to the administration at New Covenant school and made them aware of the \$4,935 Smart Schools Bond funding that is being made available to them. Working within a deadline of February 7th, 2017, they have indicated that they would like to purchase Chromebooks using their allocated Smart Bond funds. New Covenant administration will reach out to BCSD annually by July 1st to indicate how many of their allotted Chromebooks are requested for the coming school year. The Chromebooks will be maintained and inventoried by the district.

- 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.

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	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	750,000	3,183	21	3,204	235	4,935

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	750,000
Computer Servers	(No Response)
Desktop Computers	(No Response)
Laptop Computers	4,304
Tablet Computers	(No Response)
Other Costs	384
Totals:	754,688

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.

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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
Laptop Computers	Sl# 2900 Dell Chromebook 11	16	269	4,304
Other Costs	Chromebook Management Software	16	24	384
Interactive Whiteboards	Interactive Flat Panels	150	5,000	750,000

Smart Schools Investment Plan - Infrastructure and Interactive Whiteboard Project

Pre-Kindergarten Classrooms

Group 1

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 - Infrastructure and Interactive Whiteboard Project

Pre-Kindergarten Classrooms

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

Smart Schools Investment Plan - Infrastructure and Interactive Whiteboard Project

Replace Transportable Classrooms

Group 1

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 - Infrastructure and Interactive Whiteboard Project

High-Tech Security Features

Group 1

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 - Infrastructure and Interactive Whiteboard Project

Report

Smart Schools Investment Plan - Infrastructure and Interactive Whiteboard Project

PPU Report
