

## Smart Schools Investment Plan - Beekmantown CSD\_First Submission\_#1

## SSIP Overview

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

Gary Lambert

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

518-324-2599

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

lambert.gary@bcsdk12.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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SSIP Overview

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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.

BeekmantownCentralSchoolDistrictsSmartSchoolInvestmentPlanFinal3816.pdf  
 BeekmantownCentralSchoolDistrictsSmartSchoolInvestmentPlanFinal3816.pdf

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

<https://goo.gl/hPNKb3>

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.

2,000

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

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

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

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

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

(No Response)

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

\$1,534,655

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	0
Connectivity Projects for Communities	0
Classroom Technology	100,000
Pre-Kindergarten Classrooms	0
Replace Transportable Classrooms	0
High-Tech Security Features	134,655
<b>Totals:</b>	<b>234,655</b>

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School Connectivity

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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.

(No Response)

- 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	(No Response)	(No Response)	(No Response)	(No Response)	(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.

(No Response)

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?")

(No Response)

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- 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.

(No Response)

- 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
(No Response)

- 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?

(No Response)

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

Name	License Number
(No Response)	(No Response)

- 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	(No Response)
Outside Plant Costs	(No Response)
School Internal Connections and Components	(No Response)
Professional Services	(No Response)
Testing	(No Response)
Other Upfront Costs	(No Response)
Other Costs	(No Response)
<b>Totals:</b>	<b>0</b>

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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](mailto:smartschools@nysed.gov).  
**NOTE: Wireless Access Points should be included in this category, not under Classroom Educational Technology, except those that will be loaned/purchased for nonpublic schools.**  
**Add rows under each sub-category for additional items, as needed.**

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

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Community Connectivity (Broadband and Wireless)

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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)
<b>Totals:</b>	<b>0</b>

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](mailto:smartschools@nysed.gov).

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

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Community Connectivity (Broadband and Wireless)

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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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Classroom Learning Technology

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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.**

We have 2,000 students enrolled in our district. BCSO currently contracts with NERIC for a connectivity service rate of 300 Mbps of service, with burstable capability up to 1 Gbps. Since our district is planning for expansion of our Digital Literacy Initiative and will be adding student devices, we are working with NERIC to increase our guaranteed connectivity rate over the next school year. This will enable our district to meet the added demand these additional devices will place on our network connection.

- 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	2,000	200,000	200	300	(No Response)	Currently Met

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

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

As a result of the work of the district's Technology Committee, the needs of an expansive wireless access network were identified. Following an extensive site survey done by an outside technology vendor in coordination with the district's Educational Technology department, our district identified all classroom locations that would be necessary to deliver enterprise-class wireless access coverage for staff and students. During the 2014-2015 school year the District facilitated the installation of 130 wireless access points throughout all school building facilities. These access points has provided our end users robust wireless connectivity for their devices. Additionally, in an attempt to further bridge the digital divide, we also purchased, via an extended learning time grant, fifty-nine (59) portable wireless access hotspots for staff and student sign-out as well as six (6) mobile wireless access points on our school buses, with another (10) busses to be equipped in the 2016-2017 school year. This allows underprivileged students to maintain WiFi connectivity even outside of the 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.**

The district adopted Google Apps for Education (GAFE) as its platform of choice for the Digital Literacy Initiative during the 2014-2015 school year and rolled out devices that were able to support that platform as well as be compatible with virtually all web-based software. Since the majority of students will be bringing these devices home and will charge them there, the additional load on the district's electrical and HVAC infrastructure is minimal. Our district has more than sufficient electrical capacity to support all of these devices, as provided for via our 2005 capital project that added a minimum of 16 duplex outlets, with clean power, in each classroom.

The devices that were chosen to be purchased under the Smart Schools Bond Act for student use are Asus C202 11" Chromebooks. The specifications are listed below:

- **CPU:** 1.6 GHz Intel Celeron N3060 (dual-core, 2MB cache, up to 2.48GHz with Turbo Boost)
- **Graphics:** Intel HD Graphics 400
- **RAM:** 4GB LPDDR3
- **Screen:** 11.6-inch, 1,366 x 768 with anti-glare coating
- **Storage:** 16GB eMMC
- **Ports:** 2 x USB 3.0 ports, HDMI, headphone/microphone combo jack, SD card reader
- **Connectivity:** Intel 7265 Dual-Band 802.11ac 2x2 Wi-Fi; Bluetooth 4.2 supporting WiDi
- **Camera:** 1,280 x 720 HD webcam
- **Weight:** 2.65 pounds
- **Size:** 11.5 x 7.87 x 0.88 inches (W x D x H)

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6. Describe how the proposed technology purchases will:
- > enhance differentiated instruction;
  - > expand student learning inside and outside the classroom;
  - > benefit students with disabilities and English language learners; and
  - > contribute to the reduction of other learning gaps that have been identified within the district.

**The expectation is that districts will place a priority on addressing the needs of students who struggle to succeed in a rigorous curriculum. Responses in this section should specifically address this concern and align with the district's Instructional Technology Plan (in particular Question 2 of E. Curriculum and Instruction: "Does the district's instructional technology plan address the needs of students with disabilities to ensure equitable access to instruction, materials and assessments?" and Question 3 of the same section: "Does the district's instructional technology plan address the provision of assistive technology specifically for students with disabilities to ensure access to and participation in the general curriculum?")**

The proposed technology purchases will allow the district to provide equal access for our students to instructional resources. Through the use a variety of content rich digital resources our teachers will be able to more effectively differentiate instruction in order to reach students with diverse learning styles and needs. Knowing that their students have access to these technology devices, it will enable our teachers to plan individualized learning programs based on assessment data. These technology devices will help to increase student motivation with expanded multi-media resources for classwork, assignments and projects and provide opportunities for students to work collaboratively and actively.

The district recognizes that there is a great disparity in access to resources among our student population due to economics. Recognizing this, the last thing that the district would want to do is widen that digital divide. In an effort to gather measurable data, the district conducted a student technology survey. This survey revealed the numbers of students who did not have access to high-speed Internet and wireless access. With this information in hand, the district has committed to provide economically disadvantaged students a device from the Kajeet company, called the SmartSpot, which is a cellular based, mobile wireless hotspot, combined with customizable Internet filtering. These devices will allow these students to access web-based resources on their district provided technology devices, necessary to complete educational assignments on multiple readily available 4G LTE cellular networks. Providing these devices as well as the Chromebooks will allow students to have any time anywhere access to learning resources in an attempt to close the learning gaps that they have.

In terms of equity provided, issuing devices to students will help level the playing field between regular and special education - improving access to assistive technologies for students with disabilities. Students will have access to text to speech which will be beneficial in meeting the individual learning needs of all students. This will enable students to have "textbooks," websites, documents and tests read to them. This increases independence and also offers some students the ability to stay in the classroom for testing and other academic tasks instead of leaving for a room to have a human reader. Students will also have access to word prediction software which has been shown to improve students' writing skills. Students will have access to a variety of graphic organizers or the ability to create their own. Having these digital devices will benefit students with disabilities who need adjustable print size, improved organizational, task management, and study skills, and assistance with note-taking. Leveling text also becomes a possibility which provides students with reading deficits access to the same curriculum content as their peers. Through the purchase of software for all students called Read&Write, students have access to both translate documents and have text read to them in at a variable speed to enhance and facilitate English language acquisition.

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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.**

In an effort to move away from the lecture-centric model so typical of the 20th century classroom, the district's technology committee began exploring alternative models which leveraged the power of technology. At the heart of this exploration was a recognition that there were many 21st century skills that were simply not easy to cultivate even using time-honored technology tools such as Microsoft Office. Members of the committee understood that what was needed were tools that made anytime, anywhere, any device access a priority in addition to sharing and collaboration capabilities. After examining currently available options, committee members unanimously agreed that the Google Apps for Education Suite (GAFE) was the best fit for Beekmantown CSD. The idea of providing software to users as services rather than as products offers several key benefits in addition to those mentioned above. Such an approach transfers responsibility for software updates and maintenance away from the the district's IT department, freeing IT staff from a considerable amount of software support. The resources saved could then be directed at making the IT department more innovative and agile, attributes that are increasingly important in responding to rising student expectations of technology in school.

All stakeholders, including parents can collaborate in the learning process through the use of this suite. Teachers are able to share documents and calendars with parents so they can see what projects their children are working on and when assignments are due. Students can connect with educators outside of school. Students are able to collaborate together on group projects without needing to physically meet. This collaborative model allows for a dynamic environment that moves away from lectures and more fully engages the learner.

By utilizing the GAFE platform along with its 1:1 initiative, the district is well-positioned to take part in distance learning opportunities, both planned and formal (BOCES aided Distance Learning CoSer) as well as informal and unplanned, Google Hangout video sessions

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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."**

A thriving learning community focuses on improving the learning experiences for all of its youth and adult members. In order for staff members to create powerful learning experiences for children, they need to be engaged in the same. The professional development strategies for improving learning and teaching with technology are a part of numerous District and school-based strategic plans and curriculum initiatives.

The district has offers and will continues to offer Professional Development opportunities for learners by addressing the following specific technology topics:

Productivity

- Use of the Student Information System management program to streamline grades, attendance, health records, test scores and more. (Schooltool)
- Use report card programs, spreadsheets to analyze and interpret student data to inform instructional decisions. (Schooltool & Google Sheets)
- Deliver engaging lessons through the use of a classroom management system (Google Classroom).

Communication

- Use electronic mail systems to communicate.(Gmail).
- How to use the wireless network to to connect to online resources. (Basic Chromebook use)
- Sharing & Collaborating using the built-in tools within G Suite for Education.

Assessment

- Evaluating individual work and class progress (Castle Learning Online, Quizlet, Journeys, and many others)
- Report student achievement to students and parents through the use of learning management system and associated web portals.
- Review portfolios of student work and writing saved in electronic formats.
- Prepare written assessments of student progress with report card programs.

Instructional Resources

- Use a variety of content rich digital resources to more effectively differentiate instruction in order to reach students with diverse learning styles and needs. (PearDeck, ThingLink, Socative, Padlet, Zearn, EdPuzzle, and many others too numerous to mention)
- Plan individualized learning programs based on assessment data.
- Increase student motivation with expanded multi-media resources for classwork, assignments and projects.
- Provide opportunities for students to work collaboratively and actively.
- Guide student use of the Internet by creating and using curriculum pages on school and District websites.
- Teachers or teacher teams choose high-quality sites to find select sources, which support the District curriculum and are appropriate for students.
- Guide students towards deeper investigations by collaborating with other teachers to create online student projects.

Our district will employ a variety of methods and modalities to help staff reach these goals. Among them will be a heavy reliance on each building's Technology Integration Specialist as well as staff "experts" in each school offer building-level support and in-service classes. Both the Technology Integration Specialists and the staff "experts" in the buildings will provide both scheduled and on-demand professional development sessions.

Additionally the district's Department of 21st Century Learning maintains two Help Desk areas, one for staff and one for students not only to assist in troubleshooting problems, but also to provide training/staff development as well. These locations are staffed every day that school is in session to ensure that staff members' needs are met.

A variety of online resources such as G Suite Training, and FreshDesk's knowledge base is available to provide staff members and students just-in-time staff development whenever their schedule permits.

Our district regularly hosts Saturday Tech Summits, which are full-day technology training sessions for staff which focus on topics such as use of Chromebooks, Google Docs, Sheets, Slides, and Forms, to topics specific to curricular areas. In addition we have provided opportunities to staff to attend multiple Google Summits which are 2 or 3 day events focused on equipping teachers with instructional strategies to integrate technology into the classroom

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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 Plattsburgh

- 9b. Enter the primary Institution phone number.

(518) 564-3717

- 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.

Amy Gervich

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](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.

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

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

- 14. **If you are submitting an allocation for Classroom Learning Technology complete this table. Note that the calculated Total at the bottom of the table must equal the Total allocation for this category that you entered in the SSIP Overview overall budget.**

	Sub-Allocation
Interactive Whiteboards	(No Response)
Computer Servers	(No Response)
Desktop Computers	(No Response)
Laptop Computers	100,000
Tablet Computers	(No Response)
Other Costs	(No Response)
<b>Totals:</b>	<b>100,000</b>

- 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](mailto: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
Laptop Computers	Asus C202 Chromebooks	500	200	100,000

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Pre-Kindergarten Classrooms

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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)
<b>Totals:</b>	<b>0</b>

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](mailto:smartschools@nysed.gov). Add rows under each sub-category for additional items, as needed.

**Smart Schools Investment Plan - Beekmantown CSD\_First Submission\_#1**

Pre-Kindergarten Classrooms

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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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Replace Transportable Classrooms

Page Last Modified: 11/09/2016

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

(No Response)

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

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

Project Number
(No Response)

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

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

(No Response)

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

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

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](mailto: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 - Beekmantown CSD\_First Submission\_#1**

High-Tech Security Features

Page Last Modified: 02/03/2017

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.**

The district intends use the Smart Schools Bond Act to replace its current video surveillance system. With the approval of the investment plan, the district plans to take the existing video surveillance system, which uses analog cameras and distributed network connected digital video recorders and update them to a server-based system using IP based cameras which operate at high definition levels of resolution. This system is simply a swapping out of an existing system with a newer, better one.

Since the safety and security of students within our district is of paramount importance, having a safety and security infrastructure, based on modern technologies, which permits quick access to information on-site and remotely will only server to heighten the district's abilities to provide that security to its school community.

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
09-03-01-06-7-999-BA1

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

- Yes  
 No

- 3a. **Districts with streamlined projects must 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.**

By checking this box, you certify that the district has reviewed all installations with a licensed architect or engineer of record.

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

Name	License Number
Garrett Curtis Hamlin	30484

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	134,655
Entry Control System	(No Response)
Approved Door Hardening Project	(No Response)
Other Costs	(No Response)
<b>Totals:</b>	<b>134,655</b>

**Smart Schools Investment Plan - Beekmantown CSD\_First Submission\_#1**

High-Tech Security Features

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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](mailto: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
Electronic Security System	Dome network cameras	112	830	92,960
Electronic Security System	Software for Security System	1	4,547	4,547
Electronic Security System	Video Recording server	1	25,000	25,000
Electronic Security System	Installation & Testing	1	12,148	12,148

**Smart Schools Investment Plan - Beekmantown CSD\_First Submission\_#1**

Report

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**Smart Schools Investment Plan - Beekmantown CSD\_First Submission\_#1**

PPU Report

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