SOUTH GLENS FALLS CSD

Smart Schools Investment Plan - Final App 2016

SSIP Overview

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

Audrey P. Varney

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

(518) 793-9619X50016

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

varneyau@sgfcsd.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. 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.

SGF-Tech-Plan-2016.pdf

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.

3,800

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:

$2,230,126

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	920,979
Connectivity Projects for Communities	0
Classroom Technology	86,326
Pre-Kindergarten Classrooms	0
Replace Transportable Classrooms	0
High-Tech Security Features	795,187
Totals:	1,802,492.00

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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.

Total student enrollment as of October 2015 was 3,221 and 500 staff.The district will have more redundancy, all 8 school buildings will still be able communicate internally as well as access internet, phone service, PA, security systems and operate normally. Each building is connected to other building using Time Warner Cable (TWC) 1GB fiber, and the middle and high schools are connected using a 2GB fiber. The high school has 2 connections to the internet, a 150MB connection from NERIC and a 150MB connection from First Light. The middle school has a dedicated 100MB connection from First Light.

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	3,200	320,000	320	400	(No Response)	(No Response)

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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.

The funds for high-speed broadband and wireless connectivity will expand and upgrade the existing network. In the Middle School and High School we will be replacing core switches. In all six instructional buildings we will be updating the fiber optic connection between main data frames and intermediate frame. All access points will be updated to the newer standards, increasing device speeds. Access points will be added to provide full coverage in all district buildings.The funds for high-speed broadband and wireless connectivity will improve security with all entire buildings upgraded for full two-way communication to the common areas, classrooms and offices. This will help us with our internal communications in an emergency situation and on a daily basis when contacting staff, students and teachers. Enhancing our wireless capability will allow teachers to access our student management system throughout the building. This is the main way we communicate student information with our parents. Teachers will be able to post grades, period by period attendance,and assignments from anywhere in the district quickly and this will increase our timeliness to parents. Students and teachers will also be able to communicate with each other in real time through the use of technology. Through our technology plan, we are increasing wireless and the number of computers for student use at every level. Teachers, staff and students will be trained on Google Apps and will be using this frequently in the classroom setting for collaboration as well as in day-to-day operations. Teachers will be able to comment on student work and students will be able to work on projects with each other at the same time. Staff will be able to access transportation routing software, financial management software, energy management system and work order management software for building operations, grounds, security and technology maintenance.

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?)

Through our technology plan, we are increasing wireless and the number of computers for student use at every level. Teachers, staff and students will be trained on Google Apps and will be using this frequently in the classroom setting for collaboration as well as in day-to-day operations. Teachers will be able to comment on student work and students will be able to work on projects with each other at the same time. The technology plan cycle includes the goal to go 1:1 with students in grades 6-12. We will be purchasing Dell Chromebooks for our students with this money. Students will be charging their assigned computers at home and these computers do not need us to provide extra electrical infrastructure in our building. The funds for high-speed broadband and wireless connectivity will expand and upgrade the existing network. In the Middle School and High School we will be replacing core switches. In all six instructional buildings we will be updating the fiber optic connection between main data frames and intermediate frame. All access points will be updated to the newer standards, increasing device speeds. Access points will be added to provide full coverage in all district buildings.The funds for high-speed broadband and wireless connectivity will improve security with all entire buildings upgraded for full two-way communication to the common areas, classrooms and offices.

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.

Each building is connected to other building using Time Warner Cable (TWC) 1GB fiber, and the middle and high schools are connected using a 2GB fiber. The high school has 2 connections to the internet, a 150MB connection from NERIC and a 150MB connection from First Light. The middle school has a dedicated 100MB connection from First Light.

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.

Project Number
52-14-01-04-7-999-003

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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
Greg Klokiw	258631

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	548,937
Outside Plant Costs	0
School Internal Connections and Components	372,042
Professional Services	0
Testing	0
Other Upfront Costs	0
Other Costs	0
Totals:	920,979.00

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

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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	Summit 1100W AC PSE FB	232	387	89,784
Connections/Components	PWR CORD 15A USA NEMAS-15 C15	232	9	2,088
Network/Access Costs	X460-G2-48p-10GE4-Base	116	2,859	331,644
Connections/Components	Summit Fan module FB	116	105	12,180
Network/Access Costs	WS-AP39351-FCC	275	422	116,050
Network/Access Costs	WS-AP3935E-FCC	20	458	9,160
Network/Access Costs	WS-ANT-5DIP-4 DIPOLE	20	20	400
Network/Access Costs	Summitt X460-G2 VIM-2ss	123	210	25,830
Network/Access Costs	WS-ANT-2DIP-4 DIPOLE	20	20	400
Network/Access Costs	WS-MBI-WALL03 WALL MTG BRKT	20	16	320
Connections/Components	Stacking Cable.5M	199	69	13,731
Connections/Components	1000BASE-SX SFP 10 Pack Hi	5	1,042	5,210
Connections/Components	Stacking Cable 1.5M	34	105	3,570
Connections/Components	Outlets/patch cords - material	1,475	53	77,976
Connections/Components	Outlets/patch cords - Labor & installation	1,475	86	126,350
Connections/Components	Cable & electric management Closet build out - material	12	737	8,842
Connections/Components	Cable & electric management Closet buildout - labor	12	283	3,391
Connections/Components	Cabling & Fiber-material 24 strand SM armored fiber, materials	8	1,983	15,860
Connections/Components	Cabling & Fiber - 24 strand SM armored fiber, installation	8	1,632	13,060
Network/Access Costs	District Extra Labor - After school hours for district employees as overtime. Costs could include purchasing of extra help to complete task.	(No Response)	(No Response)	65,133

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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:	

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

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

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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.

District enrollment in October 2015 was 3,221 and expected to remain close to 3,225. The district will exceed the FCC minimum speed standard of 100 Mbps per 1,000 students in our 6 educational buildings. Each building is connected to other building using Time Warner Cable (TWC) 1GB fiber, and the middle and high schools are connected using a 2GB fiber. The high school has 2 connections to the internet, a 100MB connection from NERIC and a 50MB connection from First Light. The middle school has a dedicated 100MB connection from First Light.

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	3,200	320,000	320	400	(No Response)	(No Response)

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

South Glens Falls is proposing an upgrade and expansion of the existing network. The Middle and Senior High Schools will have core switches replaced. In all 6 educational buildings the fiber optic connection between main date frame and intermdeiate frame will be improved. Each building will be connected to the other buildings using Time Warner Cable (TWC) 1GB fiber, and the middle and high schools are connected using a 2GB fiber. The high school has 2 connections to the internet, a 100MB connection from NERIC and a 50MB connection from First Light. The middle school has a dedicated 100MB connection from First Light. The wireless network will receive an upgrade throughout the district. The access points will be updated to newer standards to increase speed to devices. Additional acess poinst will be added to provide full coverage in all buildings, providing a simultaneous experience regardless of location.

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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.

In the next 3-5 years the district will have 1:1 capability for students 6-12 with district issued Chromebooks, purchased with Smart Schools funds. In December 2016 voters approved a $57.8 capital project that includes additions to the Senior High School and Ballard Elementary, updated technology infastructure, technology equipment, safety and security systems and energy efficiencies that it conjunction with the Smart Schools funds will ensure better electrical and other infrasturcture to support additional technology. The Middle and Senior High Schools will have core switches replaced with Smart School funds. In all 6 educational buildings the fiber optic connection between main date frame and intermdeiate frame will be improved. This will ensure power requirements and connectivity will support all students with 1:1 devices.

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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?"

1. Universal design principles will be applied to new learning spaces, to improve instructional technology access and use by all students. Along with the work we are doing here, our district is also involved in a 57.8 million dollar capital project. We are renovated spaces in all 6 of our buildings. Classroom renovation is focused on student-centered engagement. Students in grade 6-12 will be going 1:1 with Chromebooks and we will be making the classroom spaces more conducive to collaboration for students. There will be multiples points of presentation in every room and we will training teachers on how to use the resources to differentiate instruction. One such example is to explore flipped classrooms pathways so that students are able to work together while in the classroom.
2. As part of our 1:1 initiative in SGF, students will be allowed to take their Chromebook home so that they have the resources to do work after school hours. We will be providing extra time for students to access the wireless after school hours and we are providing parents an interactive map of wifi access points around our community.
3. Integration of technology may include digital tools and resources that make information more readily accessible to all students. Current levels of support for students with disabilities will be continued, including an assistive technology specialist and purchase/licensing of technologies specified in student Individualized Education Plans. Students in our 12:1:1 classrooms will have designated Chromebook carts and will be learning how to use Google tools to help them. For our ELL population (about 10 students), we are providing them with software to help them during their English classrooms.
4. Our BOE has set academic targets that meet the needs of our students K-12. These targets encompass skills that are necessary to read, write, and compute on grade level. They also include targets for passing and graduation rate. Giving students the technology resources will enhance the learning in every classroom in the district. It will give all students the tools that they need to research information and support the curriculum at every level. As an example, we continue to research programs that support our ELA and Math curriculum. Most recently, we have purchased site licenses for two programs, Reading A to Z and Front Row. Both of these sites support the common core standards and align to our teaching. They both are cloud based and students need access to the internet and to computers often to use this. Our tech plan addresses the needs and will give students the capability to have the computers when they need so that there is a seamless transition in the classroom.

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.

We are expanding our communications in two ways through the use of the Smart Bonds funding.

1. Through our security upgrades, entire buildings will now be upgraded for full two-way communication to the rooms and offices. This will help us with our internal communications in an emergency situation and on a daily basis when contacting students and teachers.

2. Because we are enhancing our wireless capability, teachers will be able to access our student management system throughout the building. This is the main way we communicate student information with our parents. Teachers will be able to post grades, period by period attendance,and assignments from anywhere in the district quickly and this will increase our timeliness to parents. Students and teachers will also be able to communicate with each other in real time through the use of technology. Through our technology plan, we are increasing wireless and the number of computers for student use at every level. Teachers and students will be trained on Google Apps for Education and will be using this frequently in the classroom setting for collaboration. Teachers will be able to comment on student work and students will be able to work on projects with each other at the same time. Currently in our system, we do not have the capacity for this.

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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 learning opportunities will be differentiated (based on teacher need), targeted (based on learning objectives), and ongoing throughout the year.
Increased planning and communication will improve the effective utilization of Model Schools resources that are already included in the budget.
Teachers will be asked to turn-key train and/or provide direct, integrated support for their peers when appropriate, based on access to external or prolonged professional development opportunities.
Surveys (including students), self-assessments, and administrator reflection will help determine specific topics, audience, and timing. Professional development will entail a variety of delivery methods, including one-on-one (coaching), traditional group workshops, self-directed and blended learning models. A commercial product may be considered to provide more efficient delivery of self-directed learning by teachers.
Topics may include, but are not limited to, the following: Programs that are already available in the district, including Google Apps, Google Classroom, AIMSweb, EducationCity, LinkIT, ReadingAtoZ, etc.
Devices that are already available in the district, including Chromebooks, iPads, document cameras, SMART boards, etc.
Content- or skill-specific technology integration, which may include specific apps or websites • Social media and internet safety
Management and organizational strategies for blended learning, one-to-one classrooms, etc.
Technology-enhanced project-based learning and deep learning opportunities
Newly acquired devices or programs, and new apps that are determined to be beneficial and linked to the district's educational goals
Basic technology competencies that are needed to address inadequacies in reaching the district's educational goals
The district is committed to providing support for our teachers as we continue to build our instructional technology capacity. Based on the topics listed above, great support is needed. In 2016-17, SGF will be adding a Technology Integration Specialist that will be focused on providing large group, small group, and individualized professional development to teachers based on their needs. We will also be assign some teachers the role of "tech mentor" which will give buildings lead tech teachers to assist with individual questions and needs.

Topics (include but are not limited to)	Audience	Methods of Delivery	Person Responsible
Using Chromebooks	Teachers, Staff	Conference Day large group meetings Small group follow-up	Tech Department Tech Integration Specialist Building Principal
Chromebook Camp for Students	Middle School Students	½ day review of use of chromebooks	Tech Department Tech Integration Specialist Building Principal
Google Apps (Classroom, Drive, etc.	Teachers	Conference Day large group meetings Small group follow-up Classroom Modeling Individual Meetings	Tech Department Tech Integration Specialist Building Principal Tech Mentors

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.

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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	(No Response)
Computer Servers	(No Response)
Desktop Computers	(No Response)
Laptop Computers	86,326
Tablet Computers	0
Other Costs	(No Response)
Totals:	86,326.00

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

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be Purchased	Quantity	Cost per Item	Total Cost
Laptop Computers	Chromebooks	325	266	86,326

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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.

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:	

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

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

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:	

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

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

SOUTH GLENS FALLS CSD

Smart Schools Investment Plan - Final App 2016

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.

Smart Schools Bond Act funds will be used to install high-tech security features in all 6 school buildings and other district facilities. The district will integrate the security system, including PA and VOIP with network to view and monitor system. The improvements will provide a longer retention for video, incorporate VOIP system with 911 notification system and PA system. PA system will run on POE creating redundancy in case of power loss or emergency.

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.

Project Number
521401047999003
521400017999BA1

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
Greg Klokiw	258631

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	768,187
Entry Control System	27,000
Approved Door Hardening Project	(No Response)
Other Costs	(No Response)
Totals:	795,187.00

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

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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
Entry Control System	Visitor Badge system	6	4,500	27,000
Electronic Security System	District wide PA/VOIPClock Per Core quote January 4, 2016	326	1,362	443,990
Electronic Security System	District wide VOIP/PA speaker phone	397	220	87,543
Electronic Security System	Exterior Cameras 5 Megapixel Avigilon	3	1,062	3,186
Electronic Security System	Exterior Cameras 8 Megapixel Avigilon	12	1,286	15,432
Electronic Security System	Interior Cameras 5 Megapixel Avigilon	26	948	24,648
Electronic Security System	Outlets/patch cords-material	1162	53	61,429
Electronic Security System	outlets/patch cords - installation	1162	86	99,538
Electronic Security System	Cable & electric management - Closet buildout - materials	9	774	6,966
Electronic Security System	Cable & electric management Closet buildout -installation	9	297	2,672
Electronic Security System	Cabling & Fiber-Material - 24 strand SM armored fiber, materials	7	1,785	12,495
Electronic Security System	Cabling & Fiber - 24 strand SM Armored fiber, installation	7	1,470	10,288