Smart Schools Investment Plan - Submission #1

SSIP Overview

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

   Sam Gergis

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

   631-730-1551

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

   sgergis@southcountry.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.**

SMART SCHOOLS INVESTMENT PLAN - FINAL.docx

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.**

5,000

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:**

$4,480,887

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	1,310,000
Connectivity Projects for Communities	0
Classroom Technology	1,983,250
Pre-Kindergarten Classrooms	0
Replace Transportable Classrooms	0
High-Tech Security Features	320,000
Totals:	3,613,250.00

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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.

   The district will replace approximately 160 outdated switches with state of the art switches. Additionally, the addition of 10G cabling between and within the buildings will allow for greater connectivity than the minimum standard. The district purchased a router capable of attaining speeds higher than the minimum requirement - at this point the ISP must activate the extra bandwidth, once the infrastructure is in place.

   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	4,570	457,000	457	150	500	9/6/16

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 will attempt to replace 160 Ethernet switches (currently 5-10 years old) with new switches that will increase throughput. Additionally, the district is looking to replace the existing 1G fiber between IDF and MDF closets with 10G fiber. This will require, in addition to new switches, SFP modules and a cable contractor to install the fiber lines. The district will also install redundant fiber lines between school buildings, requiring additional SFP modules and the local ISP to enable the "dark fiber."

   Switches - The district intends to replace switches at all buildings (within closets) and the Network Operations Center (NOC). The ethernet switches are the core of the network, they connect all cabling and networking through network switches. The district will purchase new Cisco switches replacing the current Cisco switches in place as part of the technology infrasturcture. New switch purchases wil support all ethernet standards for switching and routing.

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 SSBA will help provide funding for Chromebooks, Inter-Networking, and interactive whiteboards - all of which are mentioned in the district's technology plan. These tools will allow teachers to significantly integrate 1:1 computing, collaborative learning, flipped classrooms, use of technology as a pedagogical tool to prepare students for Standards Based Assessments and Common Core. Furthermore, the presence of such devices allows students access to learn on a global level, given the resources and material(s) available through the internet.

By purchasing Chromebooks and Interactive Whiteboards district-wide, we can allow for the broad spectrum use of Google Classroom. This will allow for the digital collaboration between teachers and students; this is currently not possible with our configuration. The district is planning on upgrading to a 10G connection; we are currently at 1G connectivity. The required connectivity will allow the mobile and interactive devices to connect to a network and transfer information between teachers, students, peers in other districts and schools, faculty and the internet/cloud. As such the items requested for connectivity purposes will provide a link between resources and students to knowledge bases that coincide with the instructional goals of the district. We cannot access the cloud options (e.g. Google Classroom) without proper connections and speed.

Such exposure to state of the art equipment and technology prepares students for the global job market and higher learning opportunities not available otherwise.

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

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

The district has quantified this demand by surveying the internet and district plans/initiatives. Furthermore, the technology department conducted walk-throughs independently and with licensed contractors to understand the scope of the Wi-Fi necessary districtwide. Additionally, the technology department investigated wiring contractors and their capabilities. The district solicited proposals for Wi-Fi buildout from several vendors, a district committee. Part of the evaluation included, meeting state-testing requirements, 1:1 student computing programs, ability for the creation of other Wi-Fi networks, the ability to add devices to the network, and ease/flexibility of management. Based on the input, the district evaluated the proposals accordingly and selected the vendor best suited to provide the optimal solution for the district. The upgrade is currently underway, with an expected completion date of March 2016.

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
58-02-35-06-7-999-004
58-02-35-06-7-999-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.

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

Name	License Number
Wiedersum Associates	25398

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	1,275,000
Outside Plant Costs	(No Response)
School Internal Connections and Components	35,000
Professional Services	0
Testing	(No Response)
Other Upfront Costs	(No Response)
Other Costs	(No Response)
Totals:	1,310,000.00

10. **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
Network/Access Costs	Switch and Router	6	12,500	75,000
Connections/Components	CORE BTS Installation	6	4,167	25,000
Connections/Components	Fiber Demarcation	5	2,000	10,000
Network/Access Costs	Ethernet Switches	160	7,500	1,200,000

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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.**

    N/A

2. **Please describe how the proposed project(s) will promote student achievement and increase student and/or staff access to the Internet in a manner that enhances student learning and/or instruction outside of the school day and/or school building.**

    N/A

3. **Community connectivity projects must comply with all the necessary local building codes and regulations (building and related permits are not required prior to plan submission).**

    ☐   I certify that we will comply with all the necessary local building codes and regulations.

4. **Please describe the physical location of the proposed investment.**

    N/A

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

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

6. **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)

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 will replace approximately 160 outdated switches with state of the art switches, increase bandwidth between building closets, buildings and increase the maximum through-put between the building and ISP. The district will utilize 10G cabling between and within the buildings, which will allow for greater connectivity than the minimum standard. The district purchased a router capable of attaining speeds higher than the minimum requirement - at this point the ISP must activate the extra bandwidth, once the infrastructure is in place. The district looks to complete all the necessary upgrades within the next eight months.

   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	4,570	457,000	457	150	500	9/6/16

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.

   > The district has quantified this demand by surveying the internet and district plans/initiatives. Furthermore, the technology department conducted walk-throughs independently and with licensed contractors to understand the scope of the Wi-Fi necessary districtwide. Additionally, the technology department investigated wiring contractors and their capabilities. The district solicited proposals for Wi-Fi buildout from several vendors, with input from a district committee, the Technology Department, Business Office, and Building Principals/Staff. Part of the evaluation included: meeting state-testing requirements, 1:1 student computing programs, ability for the creation of other Wi-Fi networks, the ability to add devices to the network, and ease/flexibility of management. The wireless infrastructure was installed in its entirety, completed in May 2016. In doing so, there are several networks available, based on user level, with certain safeguards and filters in place for each. Students, staff and guests are accessing the wifi network on a daily basis.

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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.**

   Google Chromebooks - these machines will be distributed to all district teachers and students for mobile computing purposes. Chromebooks are designed to work with Google Apps for Education (GAFE). The uses include homework assignments, collaboration, digital classroom, flipped classroom, decentralized learning, and research. The district maintains a Google domain and Microsoft Office through a web portal (centrally managed) that is integrated with Active Directory. As such, Google Chromebooks will be able on the wireless platform and servers in place. Chromebooks are capable of running all web-based software owned by the district.

   Desktop Computers - The district intends to purchase HP desktop computers running Microsoft Windows Operating System. These desktop computers are necessary for controlling the classroom environment, e.g. projectors, printers, digital overhead cameras, interactive whiteboards, speakers and classroom lessons. The district's planned desktop computer purchases will run Google Chrome (compatibility with Google domain), Microsoft Windows (compatible with file system and Active Directory), email system/server. The district maintains three domain controllers and several servers that handle all desktop functions currently in place.

   SMART Tables - These devices will be deployed on the elementary level to assist learning with the intent of inspiring center-based learning and active collaboration among students. Each table accomodates up to eight students and 40 simultaneous touches. In conjunction with SMART Boards, the SMART Table will engage K–3 learners, as well as students with special needs in interactive discussions, problem-solving activities and small group collaboration exercises. Additionally, the development of basic motor and cognitive skills will be enhanced through the support of intuitive gestures recognized by a SMART table, such like rotate, toss and zoom. Furthermore, the interface with the SMARTExchange website will allow for a plethrora of activities for all student needs. Accessibility will occur via the district's wireless network (installed), as well as the purchase of SMARTBoards (interactive whiteboards) through the SSBA.

   Each building's electrical and ventilation systems are rated for these products, and will support the devices/purchases, as the district (as a whole) underwent an upgrade to all its infrastructure between 2006 and 2011 via several bond referenda. The power and cooling requirements are within the district parameters.

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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?"

In times of higher learning standards, it is imperative that teachers are equipped with the necessary resources to meet the needs of their students. Differentiation in the classroom involves tailoring instruction to meet the varied levels of readiness, learning needs, and student interest. We will use technology as an effective tool to engage learners who demonstrate varied learning needs. The use of technology, specifically wi-fi access in schools, Chromebooks, Smart Tables, 3-D printers, zSpace, and/or Interactive Whiteboards will aid in enhancing our teachers' ability to differentiate instruction. Students grow and develop at different rates, they learn in different ways and at different speeds. We will use technology to make it possible to pace lessons appropriately for each student's learning level in a specific content area. Furthermore, technology will be used to promote learning in the multiple intelligences and afford students the opportunity to engage in adaptive testing regularly. Teachers will be able to obtain data on students' performance instantly, increasing their ability to adjust lesson plans and instruction in a timely matter, preventing potential student learning gaps. Alan Levin says it well: But It's Not About The Tools.....I can buy all the best tools at Home Depot and still not be able to build anything well; what is more important is the craft of creating a powerful message. The utilization of 21st century technology will allow us to unlock ALL students' creative potential.

We seek to implement chromebooks (1:1) in grade 4 and 5 classrooms first. Following, we will phase in two grades per year, until we have provided students in grades 2 – 12 with a chromebook. The aforementioned initiative will be instrumental in improving teaching and learning for our students inside as well as outside of the classroom. Teachers will utilize google classroom to increase student engagement and collaboration. Students learn best by collaborating with their peers. This initiative will enable students to share, critique, and provide feedback, enhancing their ability to learn. The sharing and collaboration does not end at dismissal of the school day as homework assignments will require students to stay engaged and collaborate from home on the google platform. Teachers will use Google Apps, Google Classroom, and Google Docs. In addition, teachers will learn and share Apps applicable to their content area as a means of enhancing student learning opportunities in the classroom and outside of the school day. Lastly, we will utilize technology to equip our after school program offerings with the necessary resources to accelerate student learning, specifically those who are performing below grade level.

The adoption of 21st century technology will ensure that students who are in need of equitable access do indeed have it. The district takes great pride in ensuring that the inclusion of technology are included within a student's IEP in order to address each individual child's learning targets. To that end, given the varied learning needs of Students with disabilities as well as English Language Learners, the purchase of additional technology resources will be used to personalize education. For example, English Language Learners will be able to utilize the text to voice feature during instructional time as a support toward vocabulary/academic language development. Additional technology resources will ensure equitable distribution and that access to technology equipment are available for students. Furthermore, we will establish provisions for assistive technology to ensure access and participation in the general curriculum for Students with disabilities as well as English Language Learners. In addition, our teachers will utilize varied apps that will aid in improving academic language, communication, and language acquisition to support personalization of learning.

As mentioned earlier, our technology purchases will enhance teachers' ability to differentiate instruction, reducing/closing students' learning gaps. The 1:1 initiative will level the playing field for some of our secondary students who do not have access to technology in their home. Our soon to be 21st century technology classrooms will promote high levels of interactivity, increase student engagement, and make data available quickly in order for teachers to intervene before a student's leaning "crack" becomes a "gap." Furthermore, we will use additional technology to provide blended learning opportunities for students in after school programs to supplement the needs of students, reducing the learning gap.

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.**

By purchasing Chromebooks for each teacher and student, parents will have a real time view into the coursework that students are working on and completing. Parents will also see the students working on their projects online. Teachers will be able to post assignments online, and parents will have access to seeing when those projects are due, and what the nature of them are. When mobile devices of this nature are given to students and teachers, the learning does not stop when the child leaves the classroom. Learning can now continue past the physical location of the classroom and into the home, regardless of day or time. Chromebooks and Google Chrome can be given to students wherever they may be which allows for them to participate in distance learning opportunities.

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."

The district receives Title IIA money for the purposes of professional development, and will begin using its allocation toward professional development focusing on Chromebook use in classrooms, use of technology (and methods) in instruction, and parent engagement with student technologies. Additionally, BOCES holds technology seminars and conferences that teachers, administrators and staff continue to attend. Contracted agencies provide knowledge transfer and professional development to users as part of their agreements, and the district plans on utilizing any available opportunities from such vendors. Annually, the district allocates general fund monies for conferences and workshops; administration will begin to focus PD monies on technology purchased through the SSBA. The district's recently settled teacher's contract calls for increased professional development hours, which will allow for additional PD time offered to the unit, which will primarily focus on instructional uses of mobile devices and interactive whiteboards. This will be a recurring, annual investment as we understand the technology further.

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 - Stony Brook

    9b. Enter the primary Institution phone number.

    631-632-6000

    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.

    Dorit Kaufman

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

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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.**

As part of developing the District's Smart Schools Bond Act plan, representatives met on several occasions during the 14-15 and 15-16 school years with administrators and staff from the Victory Christian Academy, located in Patchogue, NY and within district borders. Per the 14-15 database, Victory Christian Academy enrolls **57** students in a non-public school PK-12 setting, which determines their eligible allocation per NYSED guidelines.

Similar to the South Country Central School District's initiatives, Victory Christian will receive standard issued Chromebooks, priced at $250 each. Based on the 2014-15 enrollment provided by NYSED, the total allocation for devices toward Victory Christian Academy is $14,250 and the District will order the devices on behalf of the school. The amount above represents the maximum non-public school allocation of $250 per NYSED; the actual calculated allocation is $437, which exceeds the established threshold.

Furthermore, the District is willing to provide the management services for the device, should Victory Christian opt for this course of action; this will aid the district with remote management and monitoring options. However, if Victory Christian opts to manage and use the devices at the discretion of their network standards and specifications, the District will not provide management services for the loaned devices. Upon ordering of Chromebooks, the District will inform the vendor to provide a setup designed specifically for Victory Christian, one that does not include or utilize the District's network specifications (which would limit their functionality). Once received, the District would inventory the devices, test their capabilities, and operate the devices alongside Victory Christian staff to ensure performance and operations.

Upon finalization of enrollment, the District will request an enrollment roster and formal request by September 1st in order to deploy the devices. Furthermore, the District will deliver the devices and develop a log/sign-out sheet with required signatures from the student/parent/guardian (confirming receipt of device), and also by Victory Christian administration. We expect to deliver the devices within ten days to two weeks of receipt from the vendor. The Technology and Business Offices will review and maintain the log, and will follow-up with Victory Christian throughout the year regarding status of devices, feedback and any necessary maintenance or warranty replacement. At the conclusion of the school year, the District will contact Victory Christian Academy regarding the scheduled return of devices (no later than June 30th), and will require student and staff signatures, confirming the return of devices to the District. Once returned, the district will inspect and perform any necessary maintenance in preparation of the following year.

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.

	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	1,983,250	4,476	57	4,533	438	14,250

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	470,000
Computer Servers	(No Response)
Desktop Computers	252,000
Laptop Computers	1,261,250
Tablet Computers	0
Other Costs	0
Totals:	1,983,250.00

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
Interactive Whiteboards	Interactive WhiteBoard	40	3,750	150,000
Interactive Whiteboards	SMART Tables	40	8,000	320,000
Desktop Computers	HP Desktop Machines	600	420	252,000
Laptop Computers	Chromebooks - Touchscreen	950	275	261,250
Laptop Computers	Chromebooks - Standard	3943	250	985,750
Laptop Computers	Chromebooks - Standard (Private School)	57	250	14,250

Smart Schools Investment Plan - Submission #1

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.**

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)

Page Last Modified: 07/20/2016

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

   N/A

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

Project Number
(No Response)

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

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

   N/A

4. **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)

Smart Schools Investment Plan - Submission #1

High-Tech Security Features

Page Last Modified: 07/20/2016

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 will look to replace existing video surveillance servers with state-of the art servers, software upgrades and improved functionality of the door-access server, installation of panic switches ("hot buttons"), wireless FOB's, and integration of camera server and door access server to allow for access specific surveillance. The district will also install additional door swipes and cameras at the district's new Community Center and the addition of a server and software for remote monitoring via wireless devices.

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
58-02-35-06-7-999-BA1
58-02-35-06-7-999-004

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
Wiedersum Associates	25398

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)	0
Electronic Security System	233,000
Entry Control System	87,000
Approved Door Hardening Project	0
Other Costs	(No Response)
Totals:	320,000.00

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	Scholarchip Readers	6	10,000	60,000
Entry Control System	Servers (Door)	2	6,000	12,000
Electronic Security System	Servers (Camera)	6	20,000	120,000
Electronic Security System	Panic Buttons	10	1,000	10,000
Entry Control System	FOB - Proximity Reader System(s)	15	1,000	15,000
Electronic Security System	Cameras	10	600	6,000
Electronic Security System	Security Platform O/S, Monitoring, Editing and Focusing Software	6	5,000	30,000
Electronic Security System	Installation Costs	1	50,000	50,000
Electronic Security System	Wireless FOB - Alarm System Maintenance	34	500	17,000