

Smart Schools Investment Plan - 44-03-01-06-7-999-003

SSIP Overview

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Group 1

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

Tina Kakascik

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

(845)534-8009

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

tkakascik@cornwallschools.com

2. Please indicate below whether this is the first submission, a new or supplemental submission or an amended submission of a Smart Schools Investment Plan.

First submission

3. All New York State public school districts are required to complete and submit a District Instructional Technology Plan survey to the New York State Education Department in compliance with Section 753 of the Education Law and per Part 100.12 of the Commissioner's Regulations. Districts that include investments in high-speed broadband or wireless connectivity and/or learning technology equipment or facilities as part of their Smart Schools Investment Plan must have a submitted and approved Instructional Technology Plan survey on file with the New York State Education Department.

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

District Educational Technology Plan Submitted to SED and Approved

4. Pursuant to the requirements of the Smart Schools Bond Act, the planning process must include consultation with parents, teachers, students, community members, other stakeholders and any nonpublic schools located in the district.

By checking the boxes below, you are certifying that you have engaged with those required stakeholders. Each box must be checked prior to submitting your Smart Schools Investment Plan.

- Parents
 Teachers
 Students
 Community members

- 4a. If your district contains non-public schools, have you provided a timely opportunity for consultation with these stakeholders?

- Yes
 No
 N/A

5. Certify that the following required steps have taken place by checking the boxes below: Each box must be checked prior to submitting your Smart Schools Investment Plan.

- The district developed and the school board approved a preliminary Smart Schools Investment Plan.
 The preliminary plan was posted on the district website for at least 30 days. The district included an address to which any written comments on the plan should be sent.
 The school board conducted a hearing that enabled stakeholders to respond to the preliminary plan. This hearing may have occurred as part of a normal Board meeting, but adequate notice of the event must have been provided through local media and the district website for at least two weeks prior to the meeting.
 The district prepared a final plan for school board approval and such plan has been approved by the school board.
 The final proposed plan that has been submitted has been posted on the district's website.

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- 5a. Please upload the proposed Smart Schools Investment Plan (SSIP) that was posted on the district's website, along with any supporting materials. Note that this should be different than your recently submitted Educational Technology Survey. The Final SSIP, as approved by the School Board, should also be posted on the website and remain there during the course of the projects contained therein.

SSBA Final Investment Plan.pptx

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

http://www.cornwallschools.com/apps/pages/index.jsp?uREC_ID=310700&type=d&termREC_ID=&pREC_ID=577578

- 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.

4,100

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

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

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

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

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

(No Response)

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

\$1,579,027

- 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	944,479
Connectivity Projects for Communities	0
Classroom Technology	213,137
Pre-Kindergarten Classrooms	0
Replace Transportable Classrooms	0
High-Tech Security Features	0
Totals:	1,157,616

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School Connectivity

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Group 1

1. In order for students and faculty to receive the maximum benefit from the technology made available under the Smart Schools Bond Act, their school buildings must possess sufficient connectivity infrastructure to ensure that devices can be used during the school day. Smart Schools Investment Plans must demonstrate that:
 - sufficient infrastructure that meets the Federal Communications Commission’s 100 Mbps per 1,000 students standard currently exists in the buildings where new devices will be deployed, or
 - is a planned use of a portion of Smart Schools Bond Act funds, or
 - is under development through another funding source.

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

1. Specifically codified in a service contract with a provider, and
2. Guaranteed to be available to all students and devices as needed, particularly during periods of high demand, such as computer-based testing (CBT) periods.

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

The Cornwall Central School District currently purchases its internet through Orange Ulster BOCES. Orange Ulster BOCES has signed a contract with Lighttower communications which began on July 1st 2016. Cornwall Central School District purchases internet services with Orange Ulster BOCES for 350 Mbps of bandwidth. This will exceed the FCC standard of 100 Mbs per 1000 students as we currently have an enrollment of 3,191.

- 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	3,191	319,100	319.10	350	350	7/1/2016

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 Cornwall Central School District plans to use Smart Schools Bond Act funds to completely overhaul our network infrastructure to increase the building network capacity. This will include replacing most of the fiber optic and copper network cable in the buildings, replacing all of the district network equipment to increase connections between network closets to 10Gbps, desktop connections to 1 Gbps, and server and wireless access points to 10 Gbps. We will also install new category 6A network cables into the ceilings of each classroom to allow us to add future additional wireless access points to meet the increasing amount of wireless devices. As part of the project we will also be collapsing some network closets and moving other network closets to increase ventilation, security and ease of management throughout the districts network closets.

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4. Describe the linkage between the district's District Instructional Technology Plan and the proposed projects. (There should be a link between your response to this question and your response to Question 1 in Part E. Curriculum and Instruction "What are the district's plans to use digital connectivity and technology to improve teaching and learning?")

The District's plan to upgrade the Technology infrastructure will help implement future technology initiatives described in the District's Instructional Technology plan such as using digital connectivity and technology to improve teaching and learning by implementing open educational resources such as Khan Academy and CK-12, use of digital resources, blended learning, flipped classroom, video collaboration, implementation of a 1-to-1 device program, and enabling virtual desktops and environments to help break down the walls of the classroom.

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 Cornwall Central School District currently operates a district wide wireless network through Ruckus Wireless. Currently we have deployed access points throughout the hallways in each building. Each access point can handle 100 devices. We have distributed access points so that they service between two and four classrooms each which exceeds the current amount of available devices that can be in those classrooms. As part of the Smart Schools Investment Plan we will be installing new wiring into each classroom ceiling so that we can install one access point per classroom which will then allow each classroom to handle up to 100 devices.

6. As indicated on Page 5 of the guidance, the Office of Facilities Planning will have to conduct a preliminary review of all capital projects, including connectivity projects. Please indicate on a separate row each project number given to you by the Office of Facilities Planning.

Project Number
44-03-01-06-7-999-003

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

Was your project deemed eligible for streamlined review?

No

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

Name	License Number
Michael J. Lamoreaux	78221

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.

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School Connectivity

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	Sub- Allocation
Network/Access Costs	498,900
Outside Plant Costs	(No Response)
School Internal Connections and Components	437,825
Professional Services	7,754
Testing	(No Response)
Other Upfront Costs	(No Response)
Other Costs	(No Response)
Totals:	944,479

10. **Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category. This is especially important for any expenditures listed under the "Other" category. All expenditures must be eligible for tax-exempt financing to be reimbursed through the SSBA. Sufficient detail must be provided so that we can verify this is the case. If you have any questions, please contact us directly through smartschools@nysed.gov.
NOTE: Wireless Access Points should be included in this category, not under Classroom Educational Technology, except those that will be loaned/purchased for nonpublic schools.
Add rows under each sub-category for additional items, as needed.**

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Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
Network/Access Costs	C3850-NM-2-10G Cisco Catalyst 3850 2 x 10GE Network Module	31	1,250	38,750
Network/Access Costs	C3850-NM-4-10G Cisco Catalyst 3850 4 x 10GE Network Module	6	2,000	12,000
Network/Access Costs	C3850-NM-8-10G Cisco Catalyst 3850 8 x 10GE Network Module	2	3,000	6,000
Network/Access Costs	C4500X-IP-ES IP Base to Ent. Services license for 32 Port Catalyst 4500-X	2	4,000	8,000
Connections/Components	C4KX-PWR-750AC-R Catalyst 4500X 750W AC front to back cooling power supply	2	1,000	2,000
Connections/Components	C4KX-PWR-750AC-R/2 Catalyst 4500X 750W AC front to back cooling 2nd PWR supply	2	1,000	2,000
Connections/Components	CAB-F-MM625-LCSC-3M Fiber Optic Cable, LC/SC, OM1, Multi Mode, Duplex - 3 meter (62.5/125 Type)	10	25	250
Connections/Components	CAB-F-SM-SCLC-5M Fiber Optic Cable, LC/SC, Single Mode, Duplex - 5 meter (9/125 Type)	48	28	1,344
Connections/Components	CAB-SPWR-150CM= Catalyst 3750X and 3850 Stack Power Cable 150 CM Spare	11	98	1,073
Connections/Components	CAB-SPWR-30CM= Catalyst 3750X and 3850 Stack Power Cable 30 CM Spare	27	48	1,283
Connections/Components	GLC-T 1000BASE-T SFP	8	198	1,580
Connections/Components	GLC-T= 1000BASE-T SFP	6	198	1,185
Network/Access Costs	N3K-C3172TQ-10GT Nexus 3172T 48 x 1/10GBase-T and 6 QSFP+ ports	2	10,000	20,000
Connections/Components	QSFP-4SFP10G-CU5M QSFP to 4xSFP10G Passive Copper Splitter Cable, 5m	2	338	675
Connections/Components	SFP-10G-LRM= 10GBASE-LRM SFP Module	55	498	27,362
Connections/Components	SFP-10G-LR-S= 10GBASE-LR SFP Module, Enterprise-Class	12	950	11,400
Connections/Components	SFP-H10GB-CU1M 10GBASE-CU	4	50	200

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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
	SFP+ Cable 1 Meter			
Connections/Components	SFP-H10GB-CU3M 10GBASE-CU SFP+ Cable 3 Meter	3	50	150
Connections/Components	SFP-H10GB-CU5M 10GBASE-CU SFP+ Cable 5 Meter	1	75	75
Connections/Components	STACK-T1-1M 1M Type 1 Stacking Cable	11	100	1,100
Network/Access Costs	WS-C3850-12X48U-L Cisco Catalyst 3850 48 Port (12 mGig+36 Gig) UPoE LAN Base	41	6,250	256,250
Network/Access Costs	WS-C3850-12X48U-S Cisco Catalyst 3850 48 Port (12 mGig+36 Gig) UPoE IP Base	11	7,650	84,150
Network/Access Costs	WS-C3850-12XS-S Cisco Catalyst 3850 12 Port 10G Fiber Switch IP Base	4	6,750	27,000
Network/Access Costs	WS-C3850-24XU-L Cisco Catalyst 3850 24 mGig Port UPoE LAN Base	3	6,250	18,750
Network/Access Costs	WS-C4500X-32SFP+ Catalyst 4500-X 32 Port 10G IP Base, Front-to-Back, No P/S	2	14,000	28,000
Connections/Components	PS-SNY-ADV Routing & Switching	1	20,043	20,043
Connections/Components	PS-SNY-ADV Nexus	1	3,105	3,105
Professional Services	PS-SNY-ADV Project Completion (As per vendor description this includes project management and scheduling.)	1	7,754	7,754
Connections/Components	Fiber Optic and CAT 6a Cabling Upgrade Project at Cornwall Elementary	6	60,500	363,000

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Community Connectivity (Broadband and Wireless)

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Group 1

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

(No Response)

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

(No Response)

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

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

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

(No Response)

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

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

6. If you are submitting an allocation for Community Connectivity, complete this table. Note that the calculated Total at the bottom of the table must equal the Total allocation for this category that you entered in the SSIP Overview overall budget.

	Sub-Allocation
Network/Access Costs	(No Response)
Outside Plant Costs	(No Response)
Tower Costs	(No Response)
Customer Premises Equipment	(No Response)
Professional Services	(No Response)
Testing	(No Response)
Other Upfront Costs	(No Response)
Other Costs	(No Response)
Totals:	0

7. Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category. This is especially important for any expenditures listed under the "Other" category. All expenditures must be capital-bond eligible to be reimbursed through the SSBA. If you have any questions, please contact us directly through smartschools@nysed.gov.

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

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Community Connectivity (Broadband and Wireless)

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

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Classroom Learning Technology

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Questions

1. In order for students and faculty to receive the maximum benefit from the technology made available under the Smart Schools Bond Act, their school buildings must possess sufficient connectivity infrastructure to ensure that devices can be used during the school day. Smart Schools Investment Plans must demonstrate that sufficient infrastructure that meets the Federal Communications Commission’s 100 Mbps per 1,000 students standard currently exists in the buildings where new devices will be deployed, or is a planned use of a portion of Smart Schools Bond Act funds, or is under development through another funding source. Smart Schools Bond Act funds used for technology infrastructure or classroom technology investments must increase the number of school buildings that meet or exceed the minimum speed standard of 100 Mbps per 1,000 students and staff within 12 months. This standard may be met on either a contracted 24/7 firm service or a "burstable" capability. If the standard is met under the burstable criteria, it must be:

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 Cornwall Central School District currently purchases its internet through Orange Ulster BOCES. Orange Ulster BOCES has signed a contract with Lighttower communications which began on July 1st 2016. Cornwall Central School District purchases internet services with Orange Ulster BOCES for 350 Mbps of bandwidth. This will exceed the FCC standard of 100 Mbs per 1000 students as we currently have an enrollment of 3,191.

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	3,191	319,100	319.10	350	350	7/1/2016

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 Cornwall Central School District currently operates a district wide wireless network through Ruckus Wireless. Currently we have deployed access points throughout the hallways in each building. Each access point can handle 100 devices. We have distributed access points so that they are services between 2 and 4 classrooms each which exceeds the current amount of available devices that can be in those classrooms. As part of the Smart Schools Investment Plan we will be installing new wiring into each classroom ceiling so that we can install 1 access point per classroom which will then allow each classroom to handle up to 100 devices.

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Classroom Learning Technology

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

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

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

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

The District plans to purchase Brightlinks, chromebooks, chromebook storage carts, iPads, desktops, servers, and document cameras. The District currently owns and operates similar equipment that has been integrated into our systems. The planned purchases will therefore already be compatible with our existing equipment. In regard to our facility's electrical and HVAC the District has already been working on identifying areas of inadequate power and cooling with the Director of Facilities. Inadequacies with network infrastructure have been addressed within the School Connectivity section of the Smart Schools Investment Plan.

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?")

By purchasing instructional technology tools such as ipads,chromebooks, interactive whiteboard, and document cameras, it will allow teachers to more effectively differentiate their lessons by allowing students to work on assignments at their own pace and skill level. This will help a teacher integrate technology that will incorporate all learning modalities and styles to help all students achieve. With these devices, teachers can provide more opportunities to students to continue their learning outside of the classroom. This will also help prepare all students for the blended environment that they will experience in college and in their careers. As mentioned above these technologies, in conjunction with these best practices, will help all students, but will especially help students with disabilities, English language learners, and other students that may be struggling.

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.**

The District already has systems in place, such as School Messenger, Parent Portal, District Website, Twitter, and Facebook. The District will continue to utilize and improve with these technologies as a mean of ongoing communications with parents and stakeholders.

The District will continue to utilize online management systems such as Google Classroom to provide students with an opportunity to learn outside the classroom. As part of the District's Educational Technology Plan and Smart Schools Investment Plan the District will be expanding the usage of chromebooks and virtual environments to help students learn anytime from anywhere on any device.

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Classroom Learning Technology

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

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

During the 2014-2015 the District formed a Professional Development Committee. This committee was formed of District Administrators, building administrators, Board of Education members, and teachers. The goals of this committee were to establish a K-12 Professional Development Committee that would guide the district's effort in Professional Development opportunities for the teaching staff. Secondly, to identify potential areas and topics that staff would like to receive Professional Development in. Lastly, to select two - three topics, aligned with the ISTE Standards, that will become the focus of Professional Development. During the spring of 2015, the Professional Development Committee worked together to create a survey that went out to all teachers and staff. The survey had great success. It was determined for the 2015-2016 that the following areas needed to be addressed and will be addressed, regarding professional development for teachers and staff:

- Using Technology as a Teaching Tool
- Strengthening Student Writing
- Using Google Apps for Education as a Teaching and Learning Tool

The Professional Development Chair and the Director of Technology are currently working on setting up professional development for the upcoming school year regarding the topics mentioned above and more. The Professional Development Committee and the Technology Department will continue to assess the effectiveness of the Professional Development classes and continue to assess the needs of the District regarding Technology Professional Development. The method of delivery for these courses would be a combination of face-to-face classes, and online classes.

We have developed trainings for interactive whiteboards, Google Apps for Education, Chromebooks, iPads, Flipped Classroom, Digital Citizenship and Internet Safety, Using Social Media in the Classroom, QR Codes, and more. The District will continue to develop and offer workshops in the topics listed previously along with workshop related to:

- Implementing a 1-to-1 in Your Classroom
- Virtual Environments and Distance Learning

The current and future trainings are being developed to support the initiatives that are being funded by the Smart Schools Bond Act.

9. Districts must contact the SUNY/CUNY teacher preparation program that supplies the largest number of the district's new teachers to request advice on innovative uses and best practices at the intersection of pedagogy and educational technology.

By checking this box, you certify that you have contacted the SUNY/CUNY teacher preparation program that supplies the largest number of your new teachers to request advice on these issues.

- 9a. Please enter the name of the SUNY or CUNY Institution that you contacted.

SUNY New Paltz

- 9b. Enter the primary Institution phone number.

(845) 257-7869

- 9c. Enter the name of the contact person with whom you consulted and/or will be collaborating with on innovative uses of technology and best practices.

Kiersten Greene

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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

- 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 this process we held a meeting with the non-public schools within our District. We outlined the funding amounts for each school and the instructional technology that was eligible to be purchased. We incorporated the current needs for each school into our Final Smart Schools Investment Plan. The District will inventory the purchases equipment as being loaned to each school. The non-public classroom technology loan plan was based on the amounts calculated as per the Smart Schools Bond Act guidance. We will discuss with the non-public schools each year to discuss how the District purchases align with the needs of the non-public schools and loan equipment accordingly. All non-public schools will be required to request the use of the loaned devices annually by June 1st. The Non-public schools requested the following items: 13 Lenovo laptops, 1 Dell desktop, 1 Dell laptop, 2 Dell monitors, 2 Viewsonic projectors, and 1 HP Printer.

- 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	213,137	3,187	199	3,386	63	12,537

- 12. To ensure the sustainability of technology purchases made with Smart Schools funds, districts must demonstrate a long-term plan to maintain and replace technology purchases supported by Smart Schools Bond Act funds. This sustainability plan shall demonstrate a district's capacity to support recurring costs of use that are ineligible for Smart Schools Bond Act funding such as device maintenance, technical support, Internet and wireless fees, maintenance of hotspots, staff professional development, building maintenance and the replacement of incidental items. Further, such a sustainability plan shall include a long-term plan for the replacement of purchased devices and equipment at the end of their useful life with other funding sources.

By checking this box, you certify that the district has a sustainability plan as described above.

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

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

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

	Sub-Allocation
Interactive Whiteboards	0
Computer Servers	24,000
Desktop Computers	25,550
Laptop Computers	53,975
Tablet Computers	31,500
Other Costs	78,112
Totals:	213,137

15. Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category. This is especially important for any expenditures listed under the "Other" category. All expenditures must be capital-bond eligible to be reimbursed through the SSBA. If you have any questions, please contact us directly through smartschools@nysed.gov. Please specify in the "Item to be Purchased" field which specific expenditures and items are planned to meet the district's nonpublic loan requirement, if applicable. **NOTE: Wireless Access Points that will be loaned/purchased for nonpublic schools should ONLY be included in this category, not under School Connectivity, where public school districts would list them. Add rows under each sub-category for additional items, as needed.**

Smart Schools Investment Plan - 44-03-01-06-7-999-003

Classroom Learning Technology

Page Last Modified: 02/28/2017

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be Purchased	Quantity	Cost per Item	Total Cost
Other Costs	Epson Brightlink 595Wi	20	2,750	55,000
Computer Servers	Dell Poweredge 720 Server	2	12,000	24,000
Desktop Computers	Dell Optiplex 9020	31	807	25,000
Other Costs	AverVision Document Camera	15	600	9,000
Tablet Computers	Apple iPad4	75	420	31,500
Laptop Computers	Samsung Chromebook 2	126	350	44,100
Other Costs	Chromebook Device Cart	6	2,000	12,000
Laptop Computers	Lenovo e550 (Non-Public School)	13	720	9,360
Desktop Computers	Dell Optiplex 3020 (Non-Public School)	1	550	550
Laptop Computers	Dell Latitude 3550 (Non-Public School)	1	515	515
Other Costs	Dell E2015HV 19 (Non-Public School)	2	100	200
Other Costs	ViewSonic PJD7835HD (Non-Public School)	2	780	1,560
Other Costs	HP Laserjet Pro M452NW (Non-Public School)	1	352	352

Smart Schools Investment Plan - 44-03-01-06-7-999-003

Pre-Kindergarten Classrooms

Group 1

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

(No Response)

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

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

(No Response)

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

(No Response)

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

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

Project Number
(No Response)

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

	Sub-Allocation
Construct Pre-K Classrooms	(No Response)
Enhance/Modernize Educational Facilities	(No Response)
Other Costs	(No Response)
Totals:	0

6. Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category. This is especially important for any expenditures listed under the "Other" category. All expenditures must be capital-bond eligible to be reimbursed through the SSBA. If you have any questions, please contact us directly through smartschools@nysed.gov.

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

Smart Schools Investment Plan - 44-03-01-06-7-999-003

Pre-Kindergarten Classrooms

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

Smart Schools Investment Plan - 44-03-01-06-7-999-003

Replace Transportable Classrooms

Group 1

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

(No Response)

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

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

Project Number
(No Response)

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

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

(No Response)

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

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

5. Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category. This is especially important for any expenditures listed under the "Other" category. All expenditures must be capital-bond eligible to be reimbursed through the SSBA. If you have any questions, please contact us directly through smartschools@nysed.gov.

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

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

Smart Schools Investment Plan - 44-03-01-06-7-999-003

High-Tech Security Features

Group 1

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

(No Response)

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

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

Project Number
(No Response)

3. Was your project deemed eligible for streamlined Review?

- Yes
 No

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

Name	License Number
(No Response)	(No Response)

5. If you have made an allocation for High-Tech Security Features, complete this table.

Note that the calculated Total at the bottom of the table must equal the Total allocation for this category that you entered in the SSIP Overview overall budget.

	Sub-Allocation
Capital-Intensive Security Project (Standard Review)	(No Response)
Electronic Security System	(No Response)
Entry Control System	(No Response)
Approved Door Hardening Project	(No Response)
Other Costs	(No Response)
Totals:	0

6. Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category. This is especially important for any expenditures listed under the "Other" category. All expenditures must be capital-bond eligible to be reimbursed through the SSBA. If you have any questions, please contact us directly through smartschools@nysed.gov.

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

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

