

Smart Schools Investment Plan - 2016-17 Version (Original) - Resubmission 16-17 update

SSIP Overview

Page Last Modified: 05/11/2018

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

Richard Ruberti

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

518-835-2171

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

rruberti@wufsk8.org

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

Supplemental 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.

Smart Schools Investment Plan - 2016-17 Version (Original) - Resubmission 16-17 update

SSIP Overview

Page Last Modified: 05/11/2018

- 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.

WUFS Smart Schools Investment Plan updated.pdf

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

wufsk8.com

- 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.

165

- 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:

\$144,133

- 11. Enter the budget sub-allocations by category that you are submitting for approval at this time. If you are not budgeting SSBA funds for a category, please enter 0 (zero.) If the value entered is \$0, you will not be required to complete that survey question.

	Sub-Allocations
School Connectivity	0
Connectivity Projects for Communities	0
Classroom Technology	32,478
Pre-Kindergarten Classrooms	0
Replace Transportable Classrooms	0
High-Tech Security Features	0
Totals:	32,478

Smart Schools Investment Plan - 2016-17 Version (Original) - Resubmission 16-17 update

School Connectivity

Page Last Modified: 05/11/2018

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

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

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

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

(No Response)

- 1a. If a district believes that it will be impossible to meet this standard within 12 months, it may apply for a waiver of this requirement, as described on the Smart Schools website. The waiver must be filed and approved by SED prior to submitting this survey.

By checking this box, you are certifying that the school district has an approved waiver of this requirement on file with the New York State Education Department.

2. Connectivity Speed Calculator (Required)

	Number of Students	Multiply by 100 Kbps	Divide by 1000 to Convert to Required Speed in Mb	Current Speed in Mb	Expected Speed to be Attained Within 12 Months	Expected Date When Required Speed Will be Met
Calculated Speed	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)

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

(No Response)

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

(No Response)

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

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

(No Response)

Smart Schools Investment Plan - 2016-17 Version (Original) - Resubmission 16-17 update

School Connectivity

Page Last Modified: 05/11/2018

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

Project Number
(No Response)

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

Was your project deemed eligible for streamlined review?

(No Response)

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

Name	License Number
(No Response)	(No Response)

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

	Sub-Allocation
Network/Access Costs	(No Response)
Outside Plant Costs	(No Response)
School Internal Connections and Components	(No Response)
Professional Services	(No Response)
Testing	(No Response)
Other Upfront Costs	(No Response)
Other Costs	(No Response)
Totals:	0

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.

Smart Schools Investment Plan - 2016-17 Version (Original) - Resubmission 16-17 update

School Connectivity

Page Last Modified: 05/11/2018

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 - 2016-17 Version (Original) - Resubmission 16-17 update

Community Connectivity (Broadband and Wireless)

Page Last Modified: 03/08/2018

- 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)

- 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)

- 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.

- Please describe the physical location of the proposed investment.

(No Response)

- 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)

- 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

- 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 - 2016-17 Version (Original) - Resubmission 16-17 update

Community Connectivity (Broadband and Wireless)

Page Last Modified: 03/08/2018

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 - 2016-17 Version (Original) - Resubmission 16-17 update

Classroom Learning Technology

Page Last Modified: 07/11/2018

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.

Within our service contract through NERIC we surpass the need of 100 mbps per 1000 students since we have contract 40Mbps and our need is 14.2 Mbps.

- 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	122	12,200	12.2	40	40	Currently met

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

Based on a survey in 2016 it was determined that we needed to update our wireless Access Points. In February of 2018 as part of first Smart Schools submission we purchased and installed 12 new HP Aruba Access Points.

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.

Smart Schools Investment Plan - 2016-17 Version (Original) - Resubmission 16-17 update

Classroom Learning Technology

Page Last Modified: 07/11/2018

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 building electrical infrastructure is more than capable than to support multiple devices. The building HVAC and electrical system meet the SED guidelines for student occupied instructional area. All heating and cooling systems are comprised of filtration system to ensure indoor air quality.

zSpace: zSpace, Inc.® is a leading technology provider that delivers a new way of learning with its flagship product, zSpace®. zSpace is an interactive hardware and software platform that allows users to visualize, create and experience in ways not possible in a traditional computer environment. zSpace's virtual reality environment gives depth to the digital learning experience by improving the ways things are studied, explored, and designed. zSpace Studio 2015 - over 600 models, providing prepared activities in all sciences and history, zSpace solutions incorporate unique software and a special zSpace display • A zSpace display is a highdefinition immersive monitor with full resolution images rendered for each eye and uses sensors to track the viewing angle of the user • The zSpace stylus manages all interactions in the immersive spaces • Applications include K-12, higher education, medical, design and professional training • Development platform for creating new applications and integrating new input devices Specifications • zSpace display: 24 inch HD LCD (1080p/120Hz) with built-in tracking sensors • Stylus with 3-buttons and integrated infrared LED • Polarized passive eyewear.

Nikon D3400 Digital SLR Camera & 18-55mm VR & 70-300mm DX AF-P Lenses with 64GB Card + Case + Flash + LED Video Light + Tripod + Tele/Wide Lens Kit

KIT INCLUDES 18 PRODUCTS - Items with all Manufacturer-supplied Accessories + Full USA Warranties:

[1] Nikon D3400 Digital SLR Camera & 18-55mm VR & 70-300mm DX AF-P Lenses + [2] Nikon Digital SLR Camera Case + [3] Transcend 64GB SDXC 300x Card + [4] Vivitar 55mm UV Glass Filter +

[5] Vivitar 58mm UV Glass Filter + [6] 55mm Pro Hard Lens Hood + [7] 58mm Pro Hard Lens Hood + [8] Precision Design DSLR300 Flash + [9] Bounce Flash Reflector + [10] PD LED Video Light w/ Bracket + [11] Vivitar HF-TR59 59" Tripod + [12] PD Neoprene Sling Camera Strap + [13] PD 2.5x Tele & .45x Wide Lens + [14] PD HDMI to Mini-HDMI Cable + [15] Precision Design ML-L3 Remote + [16] PD 6pc Complete Cleaning Kit + [17] PD 8 SD Card Memory Card Case + [18] LCD Screen Protectors

Dell Interactive Conference Room 55 Monitor - Brilliant 4K resolution will keep audiences captivated, and consistent colors across a wide viewing angle allow everyone in the room to view clear text and crisp, vivid visuals. Dell monitor technology optimizes fonts and ensures visuals appear sharp while operating everyday programs like Microsoft PowerPoint, Word and Excel. Anti-glare and anti-smudge coatings reduce distracting reflections and fingerprints. The impressive 55-inch touch screen is ideal for conference room settings of up to 8 people. Featuring up to 20 touch points with innovative InGlass™ Technology, multiple people can interact with the screen simultaneously via touch or styluses with 2mm pen tips, making group collaboration intuitive and seamless. Two included styluses allow you to write or draw naturally in real time directly on the screen without any lagging, while the included remote allows added functionality. Pen and finger differentiation makes it easy to switch between touch and pen-based interaction, and touch functionality is supported on virtually all industry-standard software. A variety of ports – including HDMI, VGA, DisplayPort and USB – makes it easy to connect to most IT devices. The optional Dell Wireless Module | WR517 enables secure, reliable wireless activity. The Dell Display Manager lets users easily organize screen layouts. RS232 and RJ45 interfaces allow you to manage the display remotely.

Dell Interactive Conference Room 70 Monitor - C7017T Whether you're using your hand or the two included styluses, the 10-point touch capabilities will ensure accuracy no matter your preference. Present in Full HD, on a 70-inch screen that conveniently connects to 1920x1080 resolution. Plus, the special coating on the LCD panel reduces reflections and the fingerprints that come with a touch screen setup. Designed for business and educational applications, monitor components will enhance your presentation visuals for incredible readability in both small and medium-sized conference rooms. Colors remain consistent across the wide viewing angle, so every seat is the best seat in the house. Connect with ease via multiple connectivity ports including VGA, DP and HDMI. Run the room and handle your Dell C7017T Monitor with the RS232 and RJ45 interface that supports remote management. With the purchase of the Dell Wireless Module | WR517, you can wirelessly connect laptops to the C7017T Monitor, so you can focus on your discussion, not on the cords. An extra-large tilt mount comes in the box, for perfect mounting with no extra mounting accessories needed.

Dell Large Fusion Fixed Flat Panel Wall Mount for 55:

- Integrated teardrop design speeds up wall plate installation by allowing pre-installation of the bolts to the wall
- Centerless Shift provides up to 17.4" (441 mm) of post-installation lateral shift for limitless centering
- Set screws keep the mount rigid, stable and secure throughout the life of the installation
- ClickConnect offers an audible click when the screen safely engages with the mount
- Built-in cable stand provides easy access under the screen
- A full line of accessories can be installed with the mount and the entire unit can be adjusted together
- Multiple installation options for various stud distances
- Exclusive nesting spacers can be stacked to achieve any depth
- Quick-Store Cords use magnets to easily store and access pull cords

Smart Schools Investment Plan - 2016-17 Version (Original) - Resubmission 16-17 update

Classroom Learning Technology

Page Last Modified: 07/11/2018

- Improved cable management with new end caps
- Integrated Security
- Ships with a custom hardware kit that can be hung from mount rails if installing in stages
- Easy Open box with less waste to throw away

Chromebook 11 N7 Laptop

- Built to withstand the rigors of student life with military-grade durability and spill-proof keyboard.
- Chrome OS
- Intel® Celeron® N3060 processor Dual-core 1.60 GHz
- 11.6" HD (1366 x 768) 16:9 IPS Multitouch Display
- Intel® HD Graphics 400 with Shared Memory
- 4 GB, LPDDR3

Smart Schools Investment Plan - 2016-17 Version (Original) - Resubmission 16-17 update

Classroom Learning Technology

Page Last Modified: 07/11/2018

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?")

Increasing the number of devices, providing professional development and updating the district's current technologies will dramatically change the learning of all students, including students with disabilities. This will enable students to access the curriculum, participate in learning activities alongside their peers, personalize their learning, and achieve their full potential. Helping staff members develop an understanding of assistive technologies and accessibility will help school personnel make informed decisions when they evaluate students needs. Overall, these services will help the district develop educational environments and programs that will meet and exceed the needs of all students, regardless to the fact if they have disabilities. Specifically, the devices below will be used to reach the following needs.

1.. **zSpace:** ZSpace will also be included in the Innovation lab that will be assessable for all students of all ages. zSpace is the ultimate immersive learning experience. This platform and device allows students to interact with objects and manipulate concepts from all areas of curricula with a hands on experience. With the use of zSpace, students can learn highly engaging tasks that can be complex, expensive and dangerous for the classroom. In addition to the device being compatible to applications of zSpace, the device will also benefit students with disabilities and ELL needs since it is a desktop learning station and has the application of text to speech and translation.

2. Interactive TV's:

It's much easier to concentrate on something when you're playing an active role. Up to ten students can draw on an interactive screen at any one time, making them ideal for increasing engagement via group projects and presentations. When students are working together in front of the class, they are likely to take participation more seriously. The result is that they stay engaged for longer. Interactive projectors also make it easier to teach dynamically. An interactive projector can be a valuable tool for increasing engagement, even if your students stay in their seats. Watch videos together, take online pop quizzes or view real-time information on the topics you discuss.

In classrooms all over the country, this type of technology not only enhances the way teachers teach, but it also enhances the way students learn. It can provide students with an enriched learning experience by projecting visual elements. It also makes differentiated learning much easier because teachers are able to accommodate different learning styles. Visual learners are able to observe the whiteboard, while tactile learners can learn by touching the board. The touchscreen option allows teachers to run programs with the tap of their finger. This makes it not only makes it easy to navigate for the teacher, but for the students as well.

In addition to that, a student's learning experience is enhanced by this technology because of its ability for students to view diagrams, charts, videos and more, right on the huge screen in front of them. Their learning comes to life, and many students find it more fun to learn.

3. Chromebooks: Chromebooks enhance student communication and collaboration opportunities. Gmail, calendars, and video conferencing all allow students to connect with others, and keep on top of assignments. Chromebooks allow students to work together while completing group projects, reports, a power point, or videos. Access to work can be attained during school areas, in the library, or at home. There is no limit on the number of users that can be included, and since the Apps are attached to user profiles, Chromebooks can be used by different students. Every student has their own personalized profile, and learning experience, when they log in to their apps, settings, classwork, books, and videos. Chromebooks can be easily shared with other students, friends, or family, and since they have built in security, there is no risk of unwanted software installations, adjusted settings, or malware. Guests can also use Chromebooks, but are not able to access any information on the book, or save their work when finished.

4. Camera: Teachers and students alike will benefit from the use of a digital camera system.

Photography for children offers a range of exciting and valuable learning experiences, not to mention some great experiences. The benefits include:

- learning a new skill, which can boost children's self esteem
- encouraging planning and presentation skills
- allowing children to display their potential through creativity
- providing children with the opportunity to be innovative
- giving children the opportunity to communicate their ideas, thoughts and feelings
- stimulating children to develop their own ideas on design

Teachers can also use this technology in a range of ways including:

Smart Schools Investment Plan - 2016-17 Version (Original) - Resubmission 16-17 update

Classroom Learning Technology

Page Last Modified: 07/11/2018

- Digital Yearbooks
- Documenting assessments
- Daily Updates to include parents in their child's learning and progress

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.

Parent-teacher communication is a vital factor that contributes to the success of students. With the increase of technology platforms like emails, texts, websites, electronic portfolios, online surveys and video chat applications help make communication more timely, efficient, productive and satisfying. Technology also allows teachers to create calendars that can be accessed at any time, so parents can schedule meetings, view homework assignments or even volunteer at school. Teachers can also create online grade-books and classrooms to allow parents and students to actively participate in class when they are not even in the classroom. With the addition of technology positive performance and praise can occur on a steady basis and intervention can be at a faster rate.

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."

PreK - 8 Teachers will be addressing the following topics through professional development that will be ongoing from January 2018 until June of 2019; Chromebook Training, Technology Basics, Introduction to Z-Space, Device setup and apps, Google Classroom, Google Apps of Education, Google Slides, Planbook, Google Pages, Interactive Monitor Training, Integrating technology into curriculum, Check up for device gaps, Survey and Tech problems, Technology Integration as Needed, Blended Classroom. With the addition of various technology trainings that are listed above, we continue our services with NERIC. As an upgrade, one of the services that is included is the Cooperative Technology Service. This service includes consultation, planning, implementation, oversight, and ongoing support for standardized technology. All staff members will also be offered professional development training through the local HFM BOCES Network team. As part of the District Professional Development Plan there will be an onsite teacher that undergoes professional development training to provide certified training to all staff members under New York State Regulations.

Evaluation of the implementation of Technology Plan will be conducted with simple observations of technology use, instruction and integration by the Technology Integration Specialist and by building administrators. The Technology Integration Specialist will collect data and present it to the Technology Committee. Comments from teachers, students, staff, parents and area business and community members may be referred to the Technology Committee at any time. The Technology Committee will receive reports from the Technology Integration Specialist regarding the integration of technology into curriculum. Teachers would complete a needs assessment survey at the beginning middle and end of each year. This will assist the technology committee's decisions and revisions on the technology plan and professional development. Technology plans are an ongoing process and modifications and additions to the plan will be necessary to continue supporting our goals and respond to new developments and opportunities. Technology meetings will continue to occur on a regular basis. At those times, concerns, developments and opportunities will be discussed and analyzed.

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 Albany

9b. Enter the primary Institution phone number.

518-442-3300

Smart Schools Investment Plan - 2016-17 Version (Original) - Resubmission 16-17 update

Classroom Learning Technology

Page Last Modified: 07/11/2018

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.

Dr. Robert Bengert-Drowns

10. A district whose Smart Schools Investment Plan proposes the purchase of technology devices and other hardware must account for nonpublic schools in the district.

Are there nonpublic schools within your school district?

- Yes
- No

11. Nonpublic Classroom Technology Loan Calculator
 The Smart Schools Bond Act provides that any Classroom Learning Technology purchases made using Smart Schools funds shall be lent, upon request, to nonpublic schools in the district. However, no school district shall be required to loan technology in amounts greater than the total obtained and spent on technology pursuant to the Smart Schools Bond Act and the value of such loan may not exceed the total of \$250 multiplied by the nonpublic school enrollment in the base year at the time of enactment.

See: http://www.p12.nysed.gov/mgtserv/smart_schools/docs/Smart_Schools_Bond_Act_Guidance_04.27.15_Final.pdf.

	1. Classroom Technology Sub-allocation	2. Public Enrollment (2014-15)	3. Nonpublic Enrollment (2014-15)	4. Sum of Public and Nonpublic Enrollment	5. Total Per Pupil Sub-allocation	6. Total Nonpublic Loan Amount
Calculated Nonpublic Loan Amount	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)

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

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

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

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

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

	Sub-Allocation
Interactive Whiteboards	17,702
Computer Servers	(No Response)
Desktop Computers	(No Response)
Laptop Computers	5,000
Tablet Computers	(No Response)
Other Costs	

Smart Schools Investment Plan - 2016-17 Version (Original) - Resubmission 16-17 update

Classroom Learning Technology

Page Last Modified: 07/11/2018

	Sub-Allocation
	9,776
Totals:	32,478

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.

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	Dell 55 Touch Interactive with Portable Mount	2	3,043	6,086
Interactive Whiteboards	Dell 55 Touch Interactive with Wall Mount	2	2,595	5,190
Interactive Whiteboards	Dell Interactive Conference Room 70 Monitor	2	3,213	6,426
Laptop Computers	Chromebook 11 N7 Laptop	20	250	5,000
Other Costs	Nikon D3400 Digital SLR Camera	1	650	650
Other Costs	zSpace	2	4,563	9,126

Smart Schools Investment Plan - 2016-17 Version (Original) - Resubmission 16-17 update

Pre-Kindergarten Classrooms

Page Last Modified: 07/11/2018

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 - 2016-17 Version (Original) - Resubmission 16-17 update

Pre-Kindergarten Classrooms

Page Last Modified: 07/11/2018

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 - 2016-17 Version (Original) - Resubmission 16-17 update

Replace Transportable Classrooms

Page Last Modified: 03/08/2018

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 - 2016-17 Version (Original) - Resubmission 16-17 update

High-Tech Security Features

Page Last Modified: 07/03/2018

- 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)

- 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)

- Was your project deemed eligible for streamlined Review?

- Yes
 No

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

Name	License Number
(No Response)	(No Response)

- 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

- 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 - 2016-17 Version (Original) - Resubmission 16-17 update

PPU Report

Page Last Modified: 03/08/2018