

Smart Schools Investment Plan - 2016-17 Version (Original) - 02

SSIP Overview

Page Last Modified: 09/28/2017

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

Jeffrey Rivenburg

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

5188952279

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

jrivenburg@duanesburg.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.

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.

Computer Technology - Beyond 2016.pdf
 The Future of Technology at Duanesburg Central School (1).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.

<http://duanesburg.org/district/SmartSchoolsPlan.pdf>

6. Please enter an estimate of the total number of students and staff that will benefit from this Smart Schools Investment Plan based on the cumulative projects submitted to date.

850

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:

\$661,917

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 | 154,527 |
| Connectivity Projects for Communities | 0 |
| Classroom Technology | 421,850 |
| Pre-Kindergarten Classrooms | 0 |
| Replace Transportable Classrooms | 0 |
| High-Tech Security Features | 0 |
| Totals: | 576,377 |

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School Connectivity

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

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

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

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

We currently provide 200MB/s Internet Service

- 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 | 735 | 73,500 | 73.5 | 200 | 200 | NA |

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

- Wireless network: The goal when installing our current wireless network (in 2011) was to provide Wi-Fi coverage district-wide, meaning that mobile computing devices such as laptops, Chromebooks and iPads could be used online anywhere in the district. As we expand the number of these devices in the classrooms, we are finding that we need density as well. More access points are required to support the number of simultaneous connections currently in use (and planned for the near future). Additionally, a wireless network that can accommodate computer-based testing of large numbers of students simultaneously will be required as these types of tests become required by the State Education Department (expected as early as the 2016-2017 school year). The wireless network coverage in its current state, and as it will appear after the proposed expansion, is shown below. Rather than purchase all new access points, we plan to redeploy existing access points, where appropriate, to minimize cost and maximize density.
- Wired network: To accommodate the expansion of our wireless network, we will require additional wired switching equipment. Each wireless access point must tie into our wired network and we simply do not have the port density required. Additionally, our existing wired network is due for replacement/upgrade, as the majority of these devices were installed as early as 2010.

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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?")

Students will be given the opportunities to communicate and collaborate with peers and their teachers. This will help facilitate curriculum to our district's students. Connectivity for students will be a key component of allowing teachers to differentiate instructional practices using 21st century skills and communications.

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.

Our existing wireless infrastructure is based on providing basic wireless access district wide. It utilizes the 802.11N wireless standard and access points are spaced far apart in our building's hallways to provide as much coverage as possible. With the funds from Smart Schools Bond, we would like to change over to the faster and higher capacity standard that 802.11AC can provide. We would be doubling the number of access points and placing them in individual classrooms to provide both better coverage and increased capacity.

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 |
| 7-999-BA1 |

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

Was your project deemed eligible for streamlined review?

Yes

- 7a. Districts that choose the Streamlined Review Process will be required to certify that they have reviewed all installations with their licensed architect or engineer of record and provide that person's name and license number. The licensed professional must review the products and proposed method of installation prior to implementation and review the work during and after completion in order to affirm that the work was code-compliant, if requested.

I certify that I have reviewed all installations with a licensed architect or engineer of record.

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

| Name | License Number |
|-------------------------------------|----------------|
| James Graham (Synthesis Architects) | 23879 |

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 | 93,953 |
| Outside Plant Costs | 0 |
| School Internal Connections and Components | 60,574 |
| Professional Services | 0 |
| Testing | 0 |
| Other Upfront Costs | 0 |
| Other Costs | (No Response) |
| Totals: | 154,527 |

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.

| 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 | 5406R 44GT PoE+/4SFP+ v3 z12 Swch | 4 | 3,785 | 15,140 |
| Network/Access Costs | 5400R 1100W PoE+ z12 PSU | 12 | 615 | 7,380 |
| Connections/Components | 24p 1000BASE-T PoE+ v3 z12 Mod | 18 | 1,800 | 32,400 |
| Network/Access Costs | 5412R 92GT PoE+/4SFP+ v3 z12 Swch | 2 | 7,985 | 15,970 |
| Connections/Components | 24p 1000BASE-T v3 z12 Mod | 1 | 1,650 | 1,650 |
| Connections/Components | 8p 1G/10GbE SFP+ v3 z12 Mod | 1 | 2,400 | 2,400 |
| Network/Access Costs | 2920 48G POE+ Switch | 1 | 1,940 | 1,940 |
| Connections/Components | 10gigabit SFP+ LRM Transceiver | 18 | 453 | 8,154 |
| Connections/Components | 2920 2-port 10GbE SFP+ Module | 1 | 500 | 500 |
| Network/Access Costs | AP-215 Wireless AP, 802.11n/ac, 3x3:3, dual radio, integrated antennas | 75 | 609 | 45,675 |
| Network/Access Costs | AP-214 Wireless AP, 802.11n/ac, 3x3:3, dual radio, antenna connectors | 12 | 609 | 7,308 |
| Network/Access Costs | 2.4-2.5GHz (4dBi) / 4.9-5.875GHz (6dBi), High-Gain Dual-band Omni-Directional Detachable Antenna, RP-SMA Connector, Direct mount, White, | 36 | 15 | 540 |

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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 |
|---|--|----------|---------------|------------|
| | Indoor use only | | | |
| Connections/Components | 10GBASE-SR SFP+; 850nm pluggable 10GbE optic; LC connector; up to 300 meters over multi-mode fiber (Type OM3) or 400 meters with OM4 | 1 | 635 | 635 |
| Connections/Components | Professional Services Level 1, per hour - Network Switch Installation and Programming | 15 | 89 | 1,335 |
| Connections/Components | Professional Services Level 5, per hour - Wireless access point installation and configuration | 90 | 150 | 13,500 |

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Community Connectivity (Broadband and Wireless)

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

(No Response)

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

(No Response)

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

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

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

(No Response)

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

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

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

| | Sub-Allocation |
|-----------------------------|----------------|
| Network/Access Costs | (No Response) |
| Outside Plant Costs | (No Response) |
| Tower Costs | (No Response) |
| Customer Premises Equipment | (No Response) |
| Professional Services | (No Response) |
| Testing | (No Response) |
| Other Upfront Costs | (No Response) |
| Other Costs | (No Response) |
| 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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1. In order for students and faculty to receive the maximum benefit from the technology made available under the Smart Schools Bond Act, their school buildings must possess sufficient connectivity infrastructure to ensure that devices can be used during the school day. Smart Schools Investment Plans must demonstrate that sufficient infrastructure that meets the Federal Communications Commission’s 100 Mbps per 1,000 students standard currently exists in the buildings where new devices will be deployed, or is a planned use of a portion of Smart Schools Bond Act funds, or is under development through another funding source.

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

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

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

We currently provide 200MB/s Internet Service.

- 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 | 735 | 73,500 | 73.5 | 200 | 200 | NA |

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.

Our existing wireless infrastructure is based on providing basic wireless access district wide. It utilizes the 802.11N wireless standard and access points are spaced far apart in our building's hallways to provide as much coverage as possible. With the funds from Smart Schools Bond, we would like to change over to the faster and higher capacity standard that 802.11AC can provide. We would be doubling the number of access points and placing them in individual classrooms to provide both better coverage and increased capacity.

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.

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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.**

- Chrome Devices: This will allow the district to provide 1:1 devices to align with our District Educational Technology goals. The initiative will allow students to be provided with differentiated instruction, flexible computer based testing, and increased access to technology resources. It will provide students the ability to collaborate with peers through Google Apps for Education, Schoology (LMS), and content related applications or material.

We are able to meet the electrical and cooling demands of the devices. The usage has been considered in our assumptions. Charging of devices will primarily be done at night when lights and heat are low or off for the night.

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?")

Children with learning disabilities often have better technology skills than their teachers and are drawn to computers and other gadgets, so using them in the classroom can greatly improve their educational outcomes. For children with physical disabilities, technology can give access to learning opportunities previously closed to them. E-readers help students turn book pages without applying dexterity, and voice adaptive software can help students answer questions without needing to write. It can also read to the students with severe dyslexia. This technology can follow the student home to participate in more of the independent work assigned.

Assignments can be adapted within the classroom to enlarge print, change backgrounds, submit work in alternate formats (rather than print).

The same chromebooks can supply ELL students with support in growing their language by offering opportunities to see work in both native language and english. It can also connect home with school so parents can see work in both languages.

For the general education students (as well as ELL and students with disabilities, a chromebook would benefit the students because:

- Students can use a variety of websites for Digital Storytelling. Digital storytelling allows the students to "show with they know" in a creative, digital format. Digital storytelling on the web also allows for publication and sharing of projects with a wider audience.

Students can use digital storytelling to support a variety of subjects. A few examples of websites that allow for Digital Storytelling are listed below along with curriculum connections:

- Prezi: Book Reviews/Reports, Research Reports, Story Telling
- Animoto: Field Trip Pictures, Classroom Events
- Voicethread: Biography Poems, Small research projects, Author Studies, Poetry Share
- Blabberize: Reserach projects
- Glogster: Book Posters, Character Posters, Who Am I Posters
- Other Websites: WallWisher, Story Jumper, Get Funky, FotoBabble, Little Bird Tales, Simplebooklet

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7. **Where appropriate, describe how the proposed technology purchases will enhance ongoing communication with parents and other stakeholders and help the district facilitate technology-based regional partnerships, including distance learning and other efforts.**

Often parents are very busy and just don't have a lot of time to travel to their child's school, and talk with their child's teacher. Through the use of technology, parents can eliminate the time it takes to travel to their child's school and talk to their teachers. All a parent will have to do is simply turn on a switch and receive or transport an email to their child's teachers. If your child is one who seems to get into a lot of trouble and refuses to inform you of report card day, than technology will be beneficial to you. Having technology available for parents to communicate, helps parents to become more informed about their child's academics, behavior and stay updated on school events. Today, many students wish not to inform their parents as to what is going on at school or in their academics. This way, the parent is kept involved. It also helps keep the lines of communication open between parents and their child. Often students feel that their parents do not care. This way parents are active in their child's lives and are taken the steps to show their child they care. Technology not only benefits teachers and parents, but can make an impact on students as well.

Technology allows collaboration with higher education institutions for teacher and administrator preparation programs to bring out the parent, family, and community involvement in education. It also helps create outreach strategies to inform families, businesses and community about the school involvement opportunities, policies and programs.

The involvement of the broader community of a school with it leads to higher academic performance and school improvement. When schools, parents, families and communities work together to support learning, students feel more encouraged, attend school more regularly and take part in higher-level programs. This involvement is a key to addressing school dropout crisis and strong partnerships foster higher educational aspirations and more motivated students.

PRODUCTIVITY

Students can use productivity tools on the web that allow them to access their work anytime and anywhere. Students can use the Chromebooks to access Google Apps for Education and Moodle. Below are some examples of the ways that the students can work in the cloud using the Chromebooks.

Google Docs: Personal narratives, fiction stories, paragraph writing, Internet Safety Presentations

Google Maps: Social Studies Standards, State Studies Projects, Minnesota History mapping of important places

Picasa: Classroom pictures, field trips

Google Earth: Book Setting Trips, Geography tours, Literature trips

Moodle: Online courses for Social Studies, Science, Reading

COMMUNICATION

Using Chromebooks, students can communicate using 21st century tools.

Gmail (grades 7-12): Communication with students, Book Club Communication, Reader Response Journals,

Moodle: group discussions

Video Conferencing: State Studies Research, Geography Mystery Quest Video Conference, Learning outside the classroom walls

Calendars: All classroom projects and assignments

COLLABORATION

Collaboration is one of most important 21st Century skills that we can teach our young students. The Chromebooks allow students to collaborate face to face or on the computer while working on projects.

The following Apps support collaboration (just to name a few):

Google Docs, Google Sites, Gmail, Moodle and Edmodo

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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."

There are several professional development days built into the 2016-17 school year calendar. Each professional development day has built in time slots dedicated to the best use of google chromebooks and all their applications, such as:

- Google Documents
- Google / Schoology
- Educational Applications
- Adaptive / special needs applications
- Data presentations

Our district has strong collaborative ties with our local regional information center. They often provide our trainings during the years. We also use in-house staff to provide trainings during faculty meetings.

The target audience is for teachers, administrators and support staff.

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

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

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

SUNY Plattsburgh

- 9b. Enter the primary Institution phone number.

518-564-3304

- 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.

Becky Kasper

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.

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| | 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 | 0 |
| Computer Servers | 0 |
| Desktop Computers | 0 |
| Laptop Computers | 340,500 |
| Tablet Computers | 0 |
| Other Costs | 81,350 |
| Totals: | 421,850 |

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.

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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 |
|---|---------------------------------------|----------|---------------|------------|
| Laptop Computers | HP Chromebook 11 G5 | 1,500 | 227 | 340,500 |
| Other Costs | Google EDU Management Console License | 1,500 | 25 | 37,500 |
| Other Costs | CDW EDU Whiteglove Service | 1,500 | 8 | 12,000 |
| Other Costs | Blackbox Basic Charging Cart | 50 | 609 | 30,450 |
| Other Costs | Targus Vertical - Chromebook sleeve | 100 | 14 | 1,400 |

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Pre-Kindergarten Classrooms

Page Last Modified: 09/26/2017

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.

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Pre-Kindergarten Classrooms

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

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Replace Transportable Classrooms

Page Last Modified: 09/26/2017

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) |

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High-Tech Security Features

Page Last Modified: 09/26/2017

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

(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) |