

## Smart Schools Investment Plan - SWCSD First Submission

## SSIP Overview

Page Last Modified: 06/02/2017

## Group 1

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

Elizabeth Huggler

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

845-482-4610 Ext 3169

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

hugglereli@swcsd.org

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

First submission

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

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

 District Educational Technology Plan Submitted to SED and Approved

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

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

- Parents  
 Teachers  
 Students  
 Community members

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

- Yes  
 No  
 N/A

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

- The district developed and the school board approved a preliminary Smart Schools Investment Plan.  
 The preliminary plan was posted on the district website for at least 30 days. The district included an address to which any written comments on the plan should be sent.  
 The school board conducted a hearing that enabled stakeholders to respond to the preliminary plan. This hearing may have 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 - SWCSD First Submission

SSIP Overview

Page Last Modified: 06/02/2017

- 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.

2016\_FINAL\_Smart\_Schools\_Investment\_Plan\_1-RV\_August\_2016 (4)rv 2017.docx

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

http://www.swcsd.org/files/filesystem/2016%20FINAL%20Smart%20Schools%20Investment%20Plan%201-RV%20August%202016.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.

1,250

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

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

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

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

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

(No Response)

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

\$1,244,987

- 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	345,920
Connectivity Projects for Communities	0
Classroom Technology	79,139
Pre-Kindergarten Classrooms	0
Replace Transportable Classrooms	0
High-Tech Security Features	0
<b>Totals:</b>	<b>425,059</b>

Smart Schools Investment Plan - SWCSD First Submission

School Connectivity

Page Last Modified: 06/02/2017

**Group 1**

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

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

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

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

The Sullivan West CSD participates in a consortium contract for network services with 50 other Hudson Valley school districts through the Mid-Hudson Regional Information Center (MHRIC) Regional Network RFP. This 5 year contract provides for Wide Area Network (WAN) services that connect all SWCSD school buildings to a central hub located at the High School. The WAN base rate is 200 Mb/s and, if required, is easily and quickly expandable up to 1 Gb/s. The district hub is also connected to the Sullivan BOCES hub for Internet service at the 200 Mb/s base rate and is also expandable to 1 Gb/s. Sullivan BOCES currently provides over 1Gb/s of pooled Internet service to the county. This is expandable to over 20 Gb/s if needed.

Therefore all Sullivan West students will exceed the 100 Mb/s per 1,000 student requirement under the Smart Schools Bond Act by July 1, 2017

- 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	1,041	104,100	104	80	200	07-01-2017

**Smart Schools Investment Plan - SWCSD First Submission**

School Connectivity

Page Last Modified: 06/02/2017

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

The Sullivan West CSD wants to ensure that it can support all its students, teachers and administrators with a robust, reliable and secure high-speed network infrastructure for wired and wireless access. The District wants to use the Smart Schools Bond funds to build out a network that will enhance connectivity to the digital world of the internet.

Through this project wiring closets in highschool and elementary school will be upgraded to be on the latest switching equipment with 10G uplink capabilities. This will be done via replacement of older switches and merging up-to-date existing switches into a single, unified stack per closet. There will also be a new switch in each closet to support future Wave 2 wireless equipment.

**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?")**

Mobile devices are a valuable part of differentiated instruction. Teachers will be able to access mobile devices in the building to deliver interactive lessons. By using Windows applications and Office 365 for Education to complete assignments, students will be able to collaborate with their classmates and the teacher. The Instructional Technology Plan for this district states it's plans to implement a comprehensive technology solution that provides students, teachers, and parent's access to applications and data at any networked location on either campus as well as, any remote location. The aim is to make technology tools available to all of our stakeholders in a meaningful and equitable manner. This plan takes the position that technology is a tool that can be applied broadly across the curriculum. Technology's real value is as an integrated curriculum tool which is part of the overall curriculum strategy. Staff and students will have access to online and distance learning opportunities to participate in information sharing, collaboration, on the Intranet/Internet throughout the curriculum and content areas. Students and teachers will apply existing knowledge to generate new ideas, products and processes. Students will use models and simulations to explore and generate complex systems and concepts. Having access to tools and resources, students and teachers will publish works in multiple formats.

The upgrades received through the school connectivity project will ensure a fast, reliable network for internal and external connectivity.

**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.**

Sullivan West is part of a shared purchase agreement for bandwidth through the local BOCES. They provide a real time bandwidth monitoring tool that all districts have access to. Frequently this tool is used to assess our current use of bandwidth. When compared to the current number of devices that access our wireless network we are able to see the necessity for increased bandwidth as well as a more robust wireless solution.

**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
59-15-02-04-07-999-BA1

Smart Schools Investment Plan - SWCSD First Submission

School Connectivity

Page Last Modified: 06/02/2017

- 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
Bryan Manning	21084

- 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	255,270
Outside Plant Costs	(No Response)
School Internal Connections and Components	54,330
Professional Services	14,000
Testing	(No Response)
Other Upfront Costs	(No Response)
Other Costs	22,320
<b>Totals:</b>	<b>345,920</b>

- 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](mailto: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 - SWCSD First Submission

## School Connectivity

Page Last Modified: 06/02/2017

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	Meraki Mr34	80	867	69,360
Other Costs	LIC-ENT-5YR	80	279	22,320
Professional Services	Network Consultant	56	250	14,000
Network/Access Costs	Catalyst 2960-X Flex Stack	30	717	21,510
Connections/Components	Mode Conditions Patch connector	66	300	19,800
Connections/Components	10GBASE-LRM SFP Module	30	597	17,910
Network/Access Costs	Catalyst 2960-x48 GigE PoE	9	4,797	43,173
Network/Access Costs	Catalyst 2960x 48 GigE,2x10G SFP	11	3,357	36,927
Network/Access Costs	Cisco Catalyst 385024mGig Port UPoE LAN Base	11	7,500	82,500
Connections/Components	Cisco Catalyst 2850 2x10GE network Mod	11	1,500	16,500
Connections/Components	Cisco FlexSTack 3m stacking cable	1	120	120
Network/Access Costs	1100W AC config 1 Secondary Power Supply	2	900	1,800

Smart Schools Investment Plan - SWCSD First Submission

Community Connectivity (Broadband and Wireless)

Page Last Modified: 06/02/2017

**Group 1**

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

(No Response)

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

(No Response)

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

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

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

(No Response)

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

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

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

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

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](mailto:smartschools@nysed.gov).

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

Smart Schools Investment Plan - SWCSD First Submission

Community Connectivity (Broadband and Wireless)

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Page Last Modified: 06/02/2017

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 - SWCSD First Submission

Classroom Learning Technology

Page Last Modified: 06/02/2017

**Questions**

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

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

The Sullivan West CSD participates in a consortium contract for network services with 50 other Hudson Valley school districts through the Mid-Hudson Regional Information Center (MHRIC) Regional Network RFP. This 5 year contract provides for Wide Area Network (WAN) services that connect all SWCSD school buildings to a central hub located at the High School. The WAN base rate is 200 Mb/s and, if required, is easily and quickly expandable up to 1 Gb/s. The district hub is also connected to the Sullivan BOCES hub for Internet service at the 200 Mb/s base rate and is also expandable to 1 Gb/s. Sullivan BOCES currently provides over 1Gb/s of pooled Internet service to the county. This is expandable to over 20 Gb/s if needed.

Therefore all Sullivan West students will exceed the 100 Mb/s per 1,000 student requirement under the Smart Schools Bond Act by July 1, 2017

- 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	1,041	104,100	104	80	200	07/01/2017

**Smart Schools Investment Plan - SWCSD First Submission**

## Classroom Learning Technology

Page Last Modified: 06/02/2017

- 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.**

Critical to expanding the network infrastructure will be adding the following key capabilities:

1. upgrade all the intermediate distribution frame (IDF) closets, switch replacement, in the district, to 10G;
2. provide both additional and upgraded wireless access points throughout the District to provide wireless coverage in buildings and sufficient wireless bandwidth capacity per access point in classrooms to allow for large-scale use. Additionally, add wireless controllers for access points, and outside wireless capabilities for select school buildings; Meraki Hardware: MR34-HW Meraki MR34 Cloud Managed Access Point 80 Meraki Licenses: LIC-ENT-5YR 5 Year License and Support MR Enterprise 80 Professional Services: PS-SNY-ENCIII Enterprise Network Consultant
3. replace un-interruptible power supply (UPS) backup battery systems in every wiring closet to protect sensitive network equipment from power surges and brown-outs, as well as to ensure network connectivity in the event of a power outage.

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

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

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

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

The Sullivan West CSD wants to ensure that it can support all disciplines and curriculum with reliable learning hardware. The purchase of updated interactive whiteboards and enough tablets to implement Project Lead the Way initiatives in the elementary school are essential.

As previously stated, the District will establish a minimum speed standard as required by NYSED and will work with the current provider to increase connectivity as planned.

The District will focus purchases in these areas:

- replace/upgrade approximately 7 interactive whiteboards
- add mobile carts consisting of 30 devices within each cart.

All Windows computer devices including the tablets will be running Microsoft Windows 10 allowing full compatibility with installed devices and software, as well as full compatibility with our network applications and other end-user devices.

**Smart Schools Investment Plan - SWCSD First Submission**

## Classroom Learning Technology

Page Last Modified: 06/02/2017

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?")**

Developing a plan to provide mobile and assistive technology for students at the classroom level, when our infrastructure has been upgraded to support devices for students we anticipate a more inclusive environment for our special needs population. A mobile device management solution will be required in order to provide visibility into all mobile devices on our network. These devices will not only consist of PPS owned devices, but also staff, student, and guest-owned devices. We will continue to support shared mobile devices in the classroom.

Our District plans to implement a comprehensive technology solution that provides students, teachers, and parent's access to applications and data at any networked location on either campus as well as, any remote location. The aim is to make technology tools available to all of our stakeholders in a meaningful and equitable manner. This plan takes the position that technology is a tool that can be applied broadly across the curriculum.

Technology's real value is as an integrated curriculum tool which is part of the overall curriculum strategy.

Staff and students will have access to online and distance learning opportunities to participate in information sharing, collaboration, on the Intranet/Internet throughout the curriculum and content areas.

Having access to tools and resources, students and teachers will publish works in multiple formats.

Evidence that the increased use of technology has a positive impact on students learning and teacher success will be evident by the increased number of integrated, cross curricular units and lessons resulting in products presented through multiple technologies increasing in complexity over time.

Our technology solutions serve to supplement and transform the curriculum itself into flexible and accessible, digital resources Teachers are prepared and qualified to deliver high-quality, evidence-based, individualized instruction and support services.

Developing high-quality and accessible instructional materials for ELLs that are aligned with the common core is a priority for this district. As states and school districts continue the process of implementing the Common Core State Standards, developing high-quality and accessible instructional materials for ELLs that are aligned with the common core should be a priority for all. We have recognized online resources can be a powerful tool for ELLs. The district will continue to add and support classroom video production as well as video streaming for student viewing.

A student with poor vision will use enlarged text. A student with motor difficulties will use an enlarged, simplified computer. Student who can comprehend history at the 6th grade level, but can read only at the 3rd grade level, can read a textbook with the help of a computer that scans and does text. The flexibility of assistive technology allows a teacher to build tools and materials that address students' strengths as well as their weaknesses. It is our belief that students with disabilities that interfere with their communication, learning, social relationships or active participation, assistive technology supports their participation in learning experiences in the least restrictive environment.

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.**

Technology tools will be used by teachers allowing direct communication with parents and other stakeholders. Our technology purchases will allow us to continue our efforts to support our existing regional partnerships. With a robust infrastructure and adequate internet connectivity the doors to online/distance learning opportunities are boundless.

Our District plans to implement a comprehensive technology solution that provides students, teachers, and parent's access to applications and data at any networked location on either campus as well as, any remote location. The aim is to make technology tools available to all of our stakeholders in a meaningful and equitable manner. This plan takes the position that technology is a tool that can be applied broadly across the curriculum.

Technology's real value is as an integrated curriculum tool which is part of the overall curriculum strategy. Administrative expectations and support are necessary for any successful instructional change to occur in schools.

Smart Schools Investment Plan - SWCSD First Submission

Classroom Learning Technology

Page Last Modified: 06/02/2017

- 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.”**

On-going professional development is critical to the success of our staff and students. The district provides a wide range of professional development each year for our teachers, teaching assistants, support staff and administrators. The training includes interactive boards and smart notebook, document cameras and projectors, Microsoft products, and Apps. The technology department coordinates ongoing “Tech Tuesday” sessions addressing district supported web-based applications that can be integrated into curriculum and instruction. The District strongly believes that both the instructional leadership staff and the technical support staff need higher-level professional development in order to continue in their roles. The District is committed and will continue to provide professional development on an on-going basis to the staff to allow them to utilize the technology tools and resources in the most effective manner possible.

What	Where	Who responsible
Curriculum development	Conference Days, delayed openings	Assistant Superintendent, Principals, Data Network Team, integration specialist
Standards training	workshops	Data Network Team, Principals
Lesson plan development	Conference Days, delayed openings, BOCES workshops, Teacher Center	Data Network Team, Principals, integration specialist
App training	Model Schools, Vendors	Principals, CTO
Hardware training	BOCES training, vendor training, online training	CTO
Software training	BOCES training, vendor training, online training	CTO, Principals
Technology Awareness Sessions	SWCSD Teachers for Teachers, IT support CTO, Principals staff, Model Schools	
Online Resources	ISTE, DATAG, CTO, Administrators NYSCATE, Other	
Administrative Training	Conferences, CTO, Administrators workshops, RIC training, meetings	

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

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

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

SUNY New Paltz

Smart Schools Investment Plan - SWCSD First Submission

Classroom Learning Technology

Page Last Modified: 06/02/2017

9b. Enter the primary Institution phone number.

845 257 2800

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. Michael Rosenberg

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](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.

Smart Schools Investment Plan - SWCSD First Submission

Classroom Learning Technology

Page Last Modified: 06/02/2017

	Sub-Allocation
Interactive Whiteboards	37,779
Computer Servers	(No Response)
Desktop Computers	(No Response)
Laptop Computers	(No Response)
Tablet Computers	41,360
Other Costs	(No Response)
<b>Totals:</b>	<b>79,139</b>

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](mailto: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	SPNL-6065iQ 3	7	5,397	37,779
Tablet Computers	18 3890820 LVO IDEAPAD MIIX 700 M3-6Y30 64GB 4G	30	740	22,200
Tablet Computers	iPad Air 2 Wi-Fi 64GB Gold	40	479	19,160

Smart Schools Investment Plan - SWCSD First Submission

Pre-Kindergarten Classrooms

Page Last Modified: 06/02/2017

**Group 1**

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

(No Response)

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

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

(No Response)

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

(No Response)

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

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

Project Number
(No Response)

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

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

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](mailto:smartschools@nysed.gov). Add rows under each sub-category for additional items, as needed.

Smart Schools Investment Plan - SWCSD First Submission

Pre-Kindergarten Classrooms

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Page Last Modified: 06/02/2017

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 - SWCSD First Submission

Replace Transportable Classrooms

Page Last Modified: 06/02/2017

**Group 1**

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

(No Response)

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

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

Project Number
(No Response)

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

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

(No Response)

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

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

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](mailto: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 - SWCSD First Submission

High-Tech Security Features

Page Last Modified: 06/02/2017

**Group 1**

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

(No Response)

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

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

Project Number
(No Response)

3. Was your project deemed eligible for streamlined Review?

- Yes
- No

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

Name	License Number
(No Response)	(No Response)

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

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

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

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](mailto: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 - SWCSD First Submission**

High-Tech Security Features

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Page Last Modified: 06/02/2017

Smart Schools Investment Plan - SWCSD First Submission

Report

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Page Last Modified: 06/02/2017

Smart Schools Investment Plan - SWCSD First Submission

PPU Report

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Page Last Modified: 06/02/2017