

Smart Schools Investment Plan - 2016-17 Version (Original) - Penn Yan CSD_Supplemental_#3

SSIP Overview

Page Last Modified: 09/24/2018

Institution ID

80000034473

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

Howard Dennis

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

3155363371

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

hdennis@pycsd.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

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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.

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.**

PYCSD SSBA BOE Approved - Submission 3.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.**

https://pycsd.org/apps/pages/index.jsp?uREC_ID=950934&type=d&pREC_ID=1409306

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.**

1,800

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:**

\$1,275,268

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	

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	Sub-Allocations
	0
Classroom Technology	626,344
Pre-Kindergarten Classrooms	0
Replace Transportable Classrooms	0
High-Tech Security Features	0
Totals:	626,344

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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.

Penn Yan CSD already meets or exceeds the standard minimum of 100 mbps per 1,000 students based on the services we contract through Lakenet. Additionally, due to the network upgrades this summer, access points have been installed in all learning spaces. The district has met the demand by purchasing new switches and installing several new access points in all school buildings.

- 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	1,441	144,100	144.1	200	(No Response)	(No Response)

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.

Penn Yan CSD already meets or exceeds the standard minimum of 100 mbps per 1,000 students based on the services we contract through Lakenet. Additionally, due to the network upgrades last summer, access points have been installed in all learning spaces. The district has met the demand by purchasing new switches and installing several new access points in all school buildings.

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.**

We intend to purchase the following devices:

Windows based laptops for instructional spaces

Projectors for instructional spaces

Chromebooks for instructional spaces

iPads for instructional spaces

iPad cases will match the iPads purchased

Desktop Computers for both instructional spaces and offices throughout the district

All devices are compatible with our existing platforms and systems. Additionally, the district has adequate electrical supply to support the increase in devices.

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?")

Penn Yan Central School District has aspirations that all individuals will be able to effectively integrate appropriate technology in our academic programs to accommodate our students diverse learning styles, abilities, and promote equity of learning. Penn Yan Central School District continues to provide each member of our school community with access to advanced technological tools, information resources, and training to become information literate members of the global community. The Technology department works with the Center for Special Education to address the needs of students with disabilities and provide any technology services and/or devices that are deemed necessary for instruction, materials, and assessments.

Penn Yan Central School District and Wayne Finger Lakes BOCES work collaboratively to support assistive technology for all students once its need has been determined through individual evaluation and approved for students with disabilities through the CSE/CPSE Process. The district is responsible for the provision of assistive technology service and/or devices for all students in both general and special education classrooms. Our collaborative work and integration of additional instructional technologies will enhance differentiation, expand student learning inside and outside

of the classroom, ensure we are even more effective with our academic intervention and response to intervention services to close instructional gaps that have been identified, and benefit students with disabilities, English language learners, and all students in the district. The proposed technology purchases will ensure classrooms have staff computers and interactive projectors that will allow for the most engaging instructional planning.

Additional Chromebooks and iPads will allow for multiple modes of reading, writing, and more responsive feedback. Expanding our Mac lab for various software packages and high school electives will continue to motivate students to be passionate about their learning.

The additional devices being purchased will benefit our students with disabilities and ELLs greatly through expanded opportunities to engage in a blended learning atmosphere. The key to a successful blended learning atmosphere is a variety of targeted and meaningful apps and software packages that allow for individualized/personalized learning. Apps and software that we use especially for our SWD and ELL populations are: Mobymax, Castle Learning and IXL for self-leveling and pacing instruction, NewsELA, Reading A-Z, Learning A-Z, and Raz-Kids for differentiated lexile level reading assignments through high interest subjects as well as Discovery Education Streaming and for a plethora of targeted instructional videos that allow for small group or individual pre-teach or re-teach instructional practices.

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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.**

Penn Yan CSD is striving to integrate technology wherever, and whenever possible, to enhance communication with parents, stakeholders, and facilitate technology based, regional partnerships. Some examples of this are an expansion of our Parent Portal within our Student Management System to provide parents with regular access to their student's academic progress. Similarly, we have utilized distance technology to participate in Skype conferences and webinars. Individual departments within the district that span multiple buildings are also trialing online meeting procedures to limit the amount of travel time, and maximize the amount of collaboration. We also utilize technology to offer our students distance learning opportunities that would not otherwise be possible on our campus.

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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."

Penn Yan CSD updates its Professional Development Plan annually in compliance with Part 100.2 (dd.) of the Commissioner's Regulations. The plan specifies the Area of PD Needed (Technology, Instruction and Feedback, etc.) the Strategy to be used, how to monitor the implementation of the PD, the Timeline, person(s) responsible, and the final evaluation and evidence of success. Beginning in the school year 17-18, the district created a K-12 Technology Integrator Teacher on Special Assignment Position utilizing local funds. Additionally, our Instructional Technology Committee which created our Instructional Technology Plan which fed the Instructional Technology Survey designs an annual professional development calendar. Examples of professional development already on our technology professional development plan are: "Got iPads - Now What? Part 1, Exploring Digital DSLRs, iMac Exploration, Online Literacy Databases, Video Creation, Increasing student engagement using Classcraft, Google Drive for Professionals, Google Docs with Students, Got a Google Account, Now What? Part 1, Organizing your Google Drive, and more. Below is a table with more information from our approved Instructional Technology Survey.

Topic	Audience	Method of Delivery	Technology Link	NYSED PD Standard Link
ELA Curriculum Work – 2 days	PK-12	Opening by principals/staff developers. Grade level curriculum writing work time.	Infused instructional technology throughout their curriculum writing.	9a, 9b, 9c, 9d, 9e, 9f
Math Curriculum Work – 2 days	PK-12	Opening by principals/staff developers. Grade level curriculum writing work time.	Infused instructional technology throughout their curriculum writing.	9a, 9b, 9c, 9d, 9e, 9f
Department Curriculum Writing – 2+ days	Content areas other than ELA/Math	Opening by principals/staff developers. Department curriculum writing work time.	Infused instructional technology throughout their curriculum writing.	9a, 9b, 9c, 9d, 9e, 9f
Quality Instructional Council – 1 day	PK-12 Department Chairs, Grade Level Leaders, and Administrators	Work led by ASI, PK-12 sub-group work.	Modeled infusing technology into instructional delivery. Infused technology into work.	9a, 9b, 9c, 9d, 9e, 9f, 9g
Google Camp	16 K-12 Teachers	Edcamp Format	Expansion of Google Classroom and Cloud Based Work	9a, 9b, 9c, 9d, 9e, 9f, 9g
Danielson Rubrics – Coaching Model	PK-12 Staff	Coaching model conferencing with staff members. One component that will be reviewed is use of technology.	Direct discussion around use of instructional technology during instruction.	9a, 9b, 9c, 9d, 9e, 9f, 9g

We have also begun to offer our PD offerings utilizing a hybrid in-person and online system through Google Plus and Google Classroom. This will be a pilot for Penn Yan CSD and we will review feedback during our roll out to enhance technology utilization to enhance our professional development. Lastly, the administrative team at Penn Yan CSD is "leading by example" infusing technology into our presentations, faculty meetings, department meetings, etc. Modeling the use of technology as well as integrating the gradual release process ensures our teacher leaders and staff as a whole have the opportunity to be supported through the process of learning new software and hardware.

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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 Geneseo, SUNY Oswego, SUNY Brockport

- 9b. **Enter the primary Institution phone number.**

(585) 245-5000 (SUNY Geneseo)

- 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.**

Anjoo Sikka, Dean, Ella Cline Shear School of Education, SUNY at Geneseo, Marcia Burrell, Department Chair, Curriculum & Instruction, School of Education, SUNY at Oswego and Thomas J. Hernández, Interim Dean, School of Education & Human Services, SUNY College at Brockport

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

Are there nonpublic schools within your school district?

- Yes
 No

- 10a. **Describe your plan to loan purchased hardware to nonpublic schools within your district. The plan should use your district's nonpublic per-student loan amount calculated below, within the framework of the guidance. Please enter the date by which nonpublic schools must request classroom technology items. Also, specify in your response the devices that the nonpublic schools have requested, as well as in the in the Budget and the Expenditure Table at the end of the page.**

Penn Yan CSD will utilize a system parallel to the Computer Hardware Loan Program to loan, upon request, any classroom technology purchased by the district with Smart Schools Bond Act funding to students attending nonpublic schools within the same school district. Throughout the loan, Penn Yan CSD will retain ownership of the devices and responsibility for maintenance and repair. Penn Yan also invited representatives from the nonpublic schools within our district to the SSBA input session during the summer of 2015 and shared this process. Specifics of the loan process are outlined below:

- Upon request, Penn Yan will loan, at no charge, technology obtained as part of the SSBA to children attending the nonpublic schools within our district boundaries.
- Penn Yan CSD will not loan SSBA classroom technology in an aggregate amount greater than two hundred and fifty dollars multiplied by the nonpublic school enrollment in the base year at the time of enactment.
- Penn Yan CSD will utilize regulation, specifying the date by which requests for the purchase and loan of SSBA classroom technology must be received by the district.
- Adequate notice of the required request date will be given to all non-public schools located in the district.
- Aforementioned date will not be earlier than the first day in June of the school year prior to that for which such SSBA classroom technology is being requested.
- A parent or guardian of a child not attending a particular nonpublic school priority to January first or June first of the school year, as applicable, may submit a written request for SSBA technology within thirty days after such child is enrolled in such nonpublic schools.
- A request made later than the times otherwise provided shall not be denied where a reasonable explanation is given for the delay in making the request.

Only one non-public school (St. Michael's School) has chosen to participate: Other than the one non-public listed previously, none of the other non public schools chose to participate. Representatives from all schools were invited to previous planning and communication sessions.

Note to reviewers: The nonpublic loan amount per pupil may at first appear incorrect. In Penn Yan CSD's second submission, we included \$191 for each student at St. Michael's. At this point, we cannot allocate more than an additional \$59 per student at St. Michael's or we will exceed the \$250 cap.

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- 10b. A final Smart Schools Investment Plan cannot be approved until school authorities have adopted regulations specifying the date by which requests from nonpublic schools for the purchase and loan of Smart Schools Bond Act classroom technology must be received by the district.

By checking this box, you certify that you have such a plan and associated regulations in place that have been made public.

11. Nonpublic Classroom Technology Loan Calculator

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

See:

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

	1. Classroom Technology Sub-allocation	2. Public Enrollment (2014-15)	3. Nonpublic Enrollment (2014-15)	4. Sum of Public and Nonpublic Enrollment	5. Total Per Pupil Sub-allocation	6. Total Nonpublic Loan Amount
Calculated Nonpublic Loan Amount	626,344	1,484	70	1,554	59	4,130

- 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	43,200
Computer Servers	0
Desktop Computers	78,800
Laptop Computers	451,543
Tablet Computers	52,699
Other Costs	102
Totals:	626,344

- 15. Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category. This is

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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	Interactive Projector	27	1,600	43,200
Desktop Computers	Windows based desktop PCs	197	400	78,800
Laptop Computers	Windows based Laptops	89	647	57,583
Laptop Computers	Chromebooks	1,392	280	389,830
Tablet Computers	iPads	151	349	52,699
Other Costs	iPad Cases	5	20	102
Laptop Computers	Chromebooks (non-pub)	15	275	4,130