

## Smart Schools Investment Plan - 2016-17 Version (Original) - SSIP\_1-Amendment 1

SSIP Overview

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

Scott Gardiner

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

518-966-5070 x442

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

gardiners@greenville.k12.ny.us

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.

Amended 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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SSIP Overview

- 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.

08-08-16\_Greenville\_Smart\_Schools\_Plan\_Final.pptx

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

http://www.greenville.k12.ny.us/pdf/1617/GreenvilleSmartSchoolsPlanFinal8.8.16updated.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.

1,450

- 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:

\$1,058,561

- 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	-103,037
Connectivity Projects for Communities	0
Classroom Technology	-231,955
Pre-Kindergarten Classrooms	0
Replace Transportable Classrooms	319,682
High-Tech Security Features	15,310
<b>Totals:</b>	<b>0</b>

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School Connectivity

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

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

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

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

(No Response)

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

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

2. Connectivity Speed Calculator (Required)

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

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

The equipment from this section in the original SSIP needed to be purchased and installed prior to our SSIP approval in July 2017. All equipment in this category was purchased and installed using the District's General Fund for the 2016-2017 school year. The installation costs associated with the construction project approved through the Office of Facilities Planning was indicated as an alternate on the drawings.

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

(No Response)

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

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

(No Response)

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School Connectivity

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
19-07-01-04-7-999-004

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

Was your project deemed eligible for streamlined review?

No
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8. Include the name and license number of the architect or engineer of record.

Name	License Number
Philip John Snyder	3021279

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	-75,421
Outside Plant Costs	0
School Internal Connections and Components	-18,616
Professional Services	-9,000
Testing	0
Other Upfront Costs	0
Other Costs	0
<b>Totals:</b>	<b>-103,037</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.

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	Cisco Network Switches	-5	5,151	-25,755

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## School Connectivity

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	Cisco 2702 Access Points	-4	600	-2,400
Network/Access Costs	Eaton 93E 40kVa UPS	-1	20,182	-20,182
Network/Access Costs	Eaton 93E 40/60 External Battery	-2	13,542	-27,084
Connections/Components	Eaton 40/60 kVa Bypass Panel	-1	2,552	-2,552
Connections/Components	Eaton UPS Startup / Power Management Kit	-1	4,585	-4,585
Connections/Components	Eaton 42U Server Rack	-2	1,378	-2,756
Connections/Components	Easton 2 post wiring rack	-1	111	-111
Connections/Components	Eaton Blanking Plate	-2	39	-78
Connections/Components	Eaton EPDU L21-30P	-2	472	-944
Connections/Components	Eaton EPDU L5-30P	-2	405	-810
Connections/Components	Electrical Installation	-1	6,780	-6,780
Professional Services	Architect's Fees	-1	5,000	-5,000
Professional Services	Clerk of the Works	-1	4,000	-4,000

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Community Connectivity (Broadband and Wireless)

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.

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

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

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

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

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

(No Response)

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

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

2. Connectivity Speed Calculator (Required)

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

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

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

(No Response)

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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## Classroom Learning Technology

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.

This plan includes several general classroom upgrades including interactive whiteboards and projectors. The music program will be creating a digital music lab with Apple iMacs and digital keyboards provided. The technology department will be receiving a computer driven plasma cutter and 3D printers for use in their program. In every classroom there currently exists adequate electrical service and capacity. Where electrical work needs to be accomplished to install these additional devices (extend power to new locations) funds have been included in the Construction Portion of this project (see Replace Transportable Classrooms)

The science and math departments have already received four sets of TI-Inspire calculators for use with their curriculum that were called out in the original plan. These were purchased with funds from other sources. However, in the amendment, we are supplying the science department with a variety of data acquisition sensors (temp, pH, O2, etc.) compatible with the TI-Inspire calculators for use in their labs.

With respect to the overall infrastructure, this plan under "School Connectivity" includes upgrades to our core switch and server power to insure stable uninterrupted power for these key systems. As stated before, this work has already been completed due to timing and the urgent nature of replacing this equipment.

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?")

(No Response)

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.

(No Response)

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."

(No Response)

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.

State University at Albany



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Classroom Learning Technology

9b. Enter the primary Institution phone number.

518-442-3300

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.

Jianwei Zhang

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

Are there nonpublic schools within your school district?

Yes

No

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

As stated in our original SSIP, Greenville CSD has one nonpublic school within our district, Grapeville Christian School. We held an initial meeting with Grapeville on 6/9/2016 to explain the Smart Schools Bond Act and their opportunity to request hardware from Greenville as part of our SSBA spending plan. Based on their 2014-2015 enrollment and our 2014-2015 enrollment, we shared with them the amount of \$18,000 for hardware loan that would be available to them. We explained how Greenville was utilizing the SSBA funding and gave them many options to think about.

We explained that we need to have a request plan from them no later than 8/15/2016 to include in our plan for submission to SED. We spoke with their administration several additional times via phone and exchanged emails with them as they firmed up their request for loaned equipment.

Grapeville provided us with a preliminary request list on 7/25/2016 before our BOE meeting on 8/8/2016 (our final SSBA BOE approval mtg). A finalized list (with a few quantity changes) was sent to us from Grapeville on 8/12/2016 ahead of the 8/15/2016 request deadline we had adopted.

As part of compiling this amendment, I reached out to Grapeville Christian School on 2/17/2018 with updated pricing information. They responded back with some changes to their original plan for the equipment we will be loaning them. The changes are listed below:

- Delete the one Server Rack \$295 (they have already obtained this through other channels)
- Delete the five Steelcase Eno boards @\$1,093 ea = \$5,465
- Replace with six Promethean ActivBoards w/Soundbar @ \$1149 ea = \$6,894
- Delete six Epson 585w projectors @\$1,140.00 ea = \$6,840.00
- Replace with six Epson 685w projectors /bracket @\$1109 ea = \$6,654
- Price increased for six Yoga 11e student laptops from \$455.00 ea to \$486 ea = \$186 increase
- Delete four Apple Ipad WiFi (MP2H2LL/A) - 128GB @\$400.00ea = \$1,600.00
- Change Nonpublic unassigned funds from \$1,070 to \$343, decrease of \$727

Total = \$18,000

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/mgt/serv/smart\\_schools/docs/Smart\\_Schools\\_Bond\\_Act\\_Guidance\\_04.27.15\\_Final.pdf](http://www.p12.nysed.gov/mgt/serv/smart_schools/docs/Smart_Schools_Bond_Act_Guidance_04.27.15_Final.pdf).

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Classroom Learning Technology

	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	-38,711
Computer Servers	0
Desktop Computers	-990
Laptop Computers	-15,814
Tablet Computers	-37,600
Other Costs	-138,840
<b>Totals:</b>	<b>-231,955</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	Steelcase Eno Interactive Whiteboard	-31	1,995	-61,845

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## Classroom Learning Technology

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	Promethean ActivBoard Interactive Whiteboard	27	1,011	27,297
Interactive Whiteboards	Promethean Soundbar for ActivBoard	16	138	2,208
Other Costs	Epson 585w projector	-27	1,140	-30,780
Other Costs	Epson 685w projector w/bracket	24	1,109	26,616
Other Costs	Cart for Interactive Whiteboard	-5	2,025	-10,125
Other Costs	Conen cart for Interactive Whiteboard	6	1,710	10,260
Interactive Whiteboards	Interactive Flat Panel	-4	3,900	-15,600
Interactive Whiteboards	Infocus Interactive Flat Panel	3	2,600	7,800
Other Costs	Ergotron Chromebook storage cabinet	-64	1,094	-70,016
Laptop Computers	Acer Chromebook for Media Centers	-20	300	-6,000
Laptop Computers	Lenovo Yoga 11e Laptops for Media Centers	-20	500	-10,000
Tablet Computers	Apple iPad WiFi 128GB (MPH2H2LL/A)	-20	400	-8,000
Other Costs	Device Storage Cabinets for Media Centers	-3	1,000	-3,000
Tablet Computers	Apple iPad WiFi 128GB (MPH2H2LL/A) for Faculty	-70	400	-28,000
Other Costs	TI Nspire CX EZ Spot 10 pack	-12	1,315	-15,780
Other Costs	TI Nspire CX Navigator 30 user wireless classroom	-4	2,325	-9,300
Other Costs	Interactive Whiteboard Installation	-1	31,000	-31,000
Other Costs	Ergotron Chromebook storage cabinets installation	-1	10,000	-10,000
Other Costs	CnC machine for Ag/Tech installation	-1	1,200	-1,200
Desktop Computers	Digital Music Lab - Apple iMac 21.5	11	-90	-990
Other Costs	CnC machine for Ag/Tech	-1	20,420	-20,420
Other Costs	Computer automated plasma cutter	1	23,618	23,618
Other Costs	Server rack - Private school loan	-1	295	-295
Interactive Whiteboards	Steelcase Eno Interactive Whiteboard - Private School Loan	-5	1,093	-5,465
Other Costs	Epson 585w - Private School Loan	-6	1,140	-6,840
Laptop Computers	Lenovo Yoga 11e Laptops - Private School Loan	6	31	186
Tablet Computers	Apple iPad WiFi 128GB (MPH2H2LL/A) - Private school loan	-4	400	-1,600

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## Classroom Learning Technology

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be Purchased	Quantity	Cost per Item	Total Cost
Other Costs	Non-Public unassigned funds - Private school loan	-1	727	-727
Interactive Whiteboards	Promethan IWB - Private school loan	6	1,011	6,066
Interactive Whiteboards	Promethean Soundbar - Private school loan	6	138	828
Other Costs	Epson 685w projector w/bracket - Private school loan	6	1,109	6,654
Other Costs	3D Printer	-3	4,300	-12,900
Other Costs	Makerbot Replicator+ 3D Printer	2	3,895	7,790
Other Costs	C2G 25ft HDMI Cable - Private school loan	6	39	234
Other Costs	C2G 25ft Active USB Cable - Private school loan	6	23	138
Other Costs	C2G 3ft A-A USB Cable - Private school loan	6	3	18
Other Costs	C2G Single Gang HDMI Plate - Private school loan	12	22	264
Other Costs	HP Pagewide Pro 577dw Printer - Private school loan	1	539	539
Other Costs	Vernier Temp Probe	-11	41	-451
Other Costs	Vernier pH Probe	-10	80	-800
Other Costs	Vernier Dissolved O2 Sensor	-1	210	-210
Other Costs	Vernier O2 gas sensor	-1	191	-191
Other Costs	Vernier Accelerometer	-2	108	-216
Other Costs	Vernier Dual Range Force sensor	-2	110	-220
Other Costs	Vernier Surface Temp Sensor	2	23	46
Other Costs	Vernier Anemometer	6	89	534
Other Costs	Vernier Blood Pressure Sensor	3	105	315
Other Costs	Vernier CO2 Gas Sensor	4	259	1,036
Other Costs	Vernier Clorimeter	1	115	115
Other Costs	Vernier EKG Sensor	1	147	147
Other Costs	Vernier Exercise Heart Rate Monitor	2	93	186
Other Costs	Vernier Ethanol Sensor	3	109	327
Other Costs	Vernier Hand Grip Heart Rate Monitor	1	119	119
Other Costs	Vernier Spirometer	1	199	199
Other Costs	Vernier UVA Sensor	1	106	106

## Smart Schools Investment Plan - 2016-17 Version (Original) - SSIP\_1-Amendment 1

## Classroom Learning Technology

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be Purchased	Quantity	Cost per Item	Total Cost
Other Costs	Vernier UVB Sensor	1	107	107
Other Costs	Vernier Stainless Steel Temp Probe	4	30	120
Other Costs	Vernier Go!Motion Sensor	6	106	636
Other Costs	Vernier Current Probe	6	39	234
Other Costs	Vernier Differential Voltage Probe	6	39	234
Other Costs	Vernier Dissolved Oxygen Sensor	1	210	210
Other Costs	Vernier Dual Range Force Sensor	6	110	660
Other Costs	Vernier Gas Pressure Sensor	3	83	249
Other Costs	Vernier O2 Sensor	4	188	752
Other Costs	Vernier pH Sensor	2	79	158
Other Costs	LulzBot 3D Printer	1	3,010	3,010

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Pre-Kindergarten Classrooms

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.

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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)

Smart Schools Investment Plan - 2016-17 Version (Original) - SSIP\_1-Amendment 1

Replace Transportable Classrooms

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

The purpose and scope of this section has not changed from our original approved SSIP, however the costs have. In this amendment, there are two major changes that have resulted in the increase to this section. First, after the bidding process completed and lowest bids were chosen, the cost were significantly higher than our original estimates. We are seeking to re-allocate some of the funds originally approved in the Classroom Technology section to this section. Second, the installation costs associated with the Classroom Technology section (installation of IWBs, projectors, etc.) were bid as part of the work in this section. So this amendment re-allocates installation costs from the Classroom Technology section to this section. The work in our Elementary School Library / Media Center listed in the original SSIP was bid as an alternate, as we were not sure if we would be able to complete that work within the budgeted amount of funds for the total project. Our accepted bids came in higher than our original estimates, so this work will not be able to be completed and is being removed in this amendment.

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
19-07-01-04-0-001-028
19-07-01-04-0-008-024
19-07-01-04-1-002-002

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.

The district plans to utilize funds from both the Smart Schools Bond Act and a 2016/2017 General Budget Capital line item to complete this replacement of transportable classroom and modernizing existing educational space. Our total expenses for this portion of the project is \$1,188,477 as determined by accepted bids from all Prime Contractors. We are allocating \$868,477 from the SSBA and will cover the balance of \$320,000 from our 2016-2017 General Budget (that was already passed by voters) to fully fund this project.

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	0
Enhance/Modernize Existing Instructional Space	319,682
Other Costs	0
<b>Totals:</b>	<b>319,682</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.



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Replace Transportable Classrooms

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
Enhance/Modernize Facilities	Eliminate Alternate Education Trailer - Clerk of the Works	-1.00	6,000	-6,000
Enhance/Modernize Facilities	Renovate Ellis Elementary Library into a Technology Media Center for the Elementary School - General Construction	-1.00	29,000	-29,000
Enhance/Modernize Facilities	Renovate Ellis Elementary Library into a Technology Media Center for the Elementary School - Heating and Ventilating	-1.00	16,000	-16,000
Enhance/Modernize Facilities	Renovate Ellis Elementary Library into a Technology Media Center for the Elementary School - Electrical	-1.00	3,150	-3,150
Enhance/Modernize Facilities	Renovate Ellis Elementary Library into a Technology Media Center for the Elementary School - Electrical	-1.00	27,106	-27,106
Enhance/Modernize Facilities	Construct a new technology based MS/HS Media Center, Alternate Education, Music/Choral suite in the former MS/HS Library - General Construction	1.00	135,480	135,480
Enhance/Modernize Facilities	Construct a new technology based MS/HS Media Center, Alternate Education, Music/Choral suite in the former MS/HS Library - Heating and Ventilating	1.00	57,588	57,588
Enhance/Modernize Facilities	Construct a new technology based MS/HS Media Center, Alternate Education, Music/Choral suite in the former MS/HS Library - Electrical	1.00	220,933	220,933
Enhance/Modernize Facilities	Construct a new technology based MS/HS Media Center, Alternate Education, Music/Choral suite in the former MS/HS Library - Plumbing	1.00	21,681	21,681
Enhance/Modernize Facilities	Construct a new technology based MS/HS Media Center, Alternate Education, Music/Choral suite in the former MS/HS Library - Architect's Fees	1.00	5,000	5,000
Enhance/Modernize Facilities	Construct a new technology based MS/HS Media Center, Alternate Education, Music/Choral suite in the former MS/HS Library - Clerk of the Works	-1.00	26,000	-26,000

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Replace Transportable 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
Enhance/Modernize Facilities	Construct a new technology based MS/HS Media Center, Alternate Education, Music/Choral suite in the former MS/HS Library - Furniture	-1.00	13,744	-13,744

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High-Tech Security Features

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.

During our recent Capital project, several high-tech cameras and recording servers were installed to provide needed security on campus. While this capital project was a good beginning for adding security cameras on campus, funding did not allow us to install all of the needed cameras in our original plan. This SSBA plan adds additional cameras following the originally approved security plan to provide additional coverage. Since our original SSIP plan submission, camera prices have gone down dramatically from our original estimates, because of this we would like to include 7 additional cameras along with the original 4 for a total of 11 cameras in this amendment. Also, since the time of the original submission we have bid the electrical installation for these cameras and are updating these costs with the actual costs.

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
19-07-01-04-7-999-004

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
Philip John Snyder	3021279

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	15,310
Entry Control System	(No Response)
Approved Door Hardening Project	(No Response)
Other Costs	(No Response)
<b>Totals:</b>	<b>15,310</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.

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High-Tech Security Features

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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
Electronic Security System	Additional security cameras	-4.00	4,285	-17,140
Electronic Security System	Additional security cameras	11.00	1,670	18,370
Electronic Security System	Electrical Installation of camera	-1.00	3,220	-3,220
Electronic Security System	Electrical Installation of Cameras	1.00	17,300	17,300

