

Smart Schools Investment Plan - SSIP_1

SSIP Overview

Page Last Modified: 06/23/2017

Group 1

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 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.

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- 5a. Please upload the proposed Smart Schools Investment Plan (SSIP) that was posted on the district's website, along with any supporting materials. Note that this should be different than your recently submitted Educational Technology Survey. The Final SSIP, as approved by the School Board, should also be posted on the website and remain there during the course of the projects contained therein.

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	386,369
Pre-Kindergarten Classrooms	0
Replace Transportable Classrooms	548,795
High-Tech Security Features	20,360
Totals:	1,058,561

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School Connectivity

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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.

Our district utilizes NERIC (Northeast Regional Information Center) for our Internet connection. We have a fiber connection with them that allows for a burstable speeds of up to 1000 Mbps. We are currently contracting with NERIC for 100 Mbps of bandwidth and will be contracting for 200 Mbps in the 2017-2018 school year. NERIC allows us to exceed our contracted usage limit during peak and testing windows without intervention from us.

- 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	1,187	118,700	118.7	100	200	7/1/2017

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

While our external connection is sufficient to meet bandwidth demands, some of our internal connections need to be upgraded. This plan includes purchasing several Cisco 48-port 1Gb switches for our existing Catalyst 4500 series switch gear in our network closets to ensure high capacity bandwidth to all end users. In addition several Cisco 2702 access points are included to provide seamless wireless in a few weak areas of our elementary school. Lastly, our core switch, servers, and security systems will be provided with a new robust UPS system and racks to provide clean stable power for these key systems.

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School Connectivity

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

Our district's Instructional Technology Plan includes a very detailed implementation section based on our curriculum technology benchmarks. These benchmarks are aligned to the International Society of Technology in Education (ISTE) standards, as well as NYS learning standards and Common Core state standards. The infrastructure projects listed above are included in this implementation section under Goal #1, "Provide students with access to a variety of resources that will enable them to develop 21st century learning skills for their future study and employment", this would include providing them with a robust computing infrastructure.

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.

In 2012 we asked Cisco to conduct a wireless survey of all of our buildings to formulate a wireless deployment plan. For the first phase, in the 2012-2013 school year we completed a project to provide wireless connectivity to every classroom in our elementary school according to this plan. For the second phase, in our most recent capital project in the 2015-2016 school year, wireless connectivity was added to all middle school and high school classrooms following this plan. Recently we conducted a follow up wireless survey that indicated a few "weak" signal area in the elementary school (mainly due to its older construction materials). Therefore several additional access points are included in this plan to strengthen those weak areas.

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

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.

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School Connectivity

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	Sub-Allocation
Network/Access Costs	75,421
Outside Plant Costs	(No Response)
School Internal Connections and Components	18,616
Professional Services	9,000
Testing	(No Response)
Other Upfront Costs	(No Response)
Other Costs	(No Response)
Totals:	103,037

10. Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category. This is especially important for any expenditures listed under the "Other" category. All expenditures must be eligible for tax-exempt financing to be reimbursed through the SSBA. Sufficient detail must be provided so that we can verify this is the case. If you have any questions, please contact us directly through smartschools@nysed.gov.
NOTE: Wireless Access Points should be included in this category, not under Classroom Educational Technology, except those that will be loaned/purchased for nonpublic schools.
Add rows under each sub-category for additional items, as needed.

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
Network/Access Costs	Cisco Network switches	5	5,151	25,755
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 kVa 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	Eaton 2 post wiring rack	1	111	111
Connections/Components	Eaton Blanking Panel	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)

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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)
Totals:	0

7. Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category. This is especially important for any expenditures listed under the "Other" category. All expenditures must be capital-bond eligible to be reimbursed through the SSBA. If you have any questions, please contact us directly through smartschools@nysed.gov.

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

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Community Connectivity (Broadband and Wireless)

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

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Classroom Learning Technology

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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:

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Our district utilizes NERIC (Northeast Regional Information Center) for our Internet connection. We have a fiber connection with them that allows for a burstable speeds of up to 1000 Mbps. We are currently contracting with NERIC for 100 Mbps of bandwidth and will be contracting for 200 Mbps in the 2017-2018 school year. NERIC allows us to exceed our contracted usage limit during peak and testing windows without intervention from us.

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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	1,187	118,700	118.7	100	200	7/1/2017

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.

In 2012 we asked Cisco to conduct a wireless survey of all of our buildings to formulate a wireless deployment plan. As phase 1, in the 2012-2013 school year we completed a project to provide wireless connectivity to every classroom in our elementary school according to this plan. In our most recent capital project in the 2015-2016 school year, wireless connectivity was added to all middle school and high school classrooms following this plan. Recently we conducted a follow up wireless survey that indicated a few "weak" signal area in the elementary school (mainly due to its older construction materials). Therefore several additional access points are included in this plan to strengthen those weak areas.

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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.**

This plan includes several general classroom upgrades including interactive whiteboards, projectors, end devices (laptops, chromebooks, tablets), and storage/charging cabinet. 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 CnC machine 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 estimated.

The science and math departments will be receiving four sets of TI-Inspire calculators for use with their curriculum. In addition, the science department will be receiving 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 ensure stable uninterrupted power for these key systems.

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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?")

This plan seeks to enhance differentiated instruction by addressing the technology inequity in our district. Our comprehensive technology plan started to address technology inequity in the classroom spaces with our most recent capital project. In this project, the majority of our classrooms (approx 70) received a set of teacher technology tools (interactive whiteboard, projector, faculty laptop, wireless access point, and document camera). In this SSIP the remaining classrooms (approx 30) will be afforded the same tools, providing technology equity in all teaching spaces. This will allow for the possibility of technology based instruction in all classrooms. Our comprehensive technology plan is addressing student technology inequity through our one-to-one initiative, where all students will have their own device by the end of the 2017-2018 school year. This SSIP will be providing accessories to support that initiative (charging stations, wiring upgrades, loaner devices in our media centers, etc). Differentiated instruction can be afforded by each student having their own device and allowing them to learn at their own pace. This one-to-one initiative not only will expand learning in the classroom, but will afford all students the ability to continue their learning outside the classroom.

Specific programs will also benefit from the SSIP funds, including music, math, science, and technology. The music department will benefit from a new digital music lab (with iMacs and digital keyboards). The math and science programs will share four sets of TI-Inspire wireless calculators, in addition the science department will have a variety of sensors (temp, pH, O2, etc.) for use in student laboratory data acquisition. The technology department will benefit from a new computer controlled CnC machine and 3D printers.

While our one-to-one initiative spells out general devices for groups of students (iPads for K-2, Chromebooks for 3-8, Laptops for 9-12), students with disabilities and ELL students tend to have more specific needs. In their cases, they all will receive a device, but the device selection is more dependent on their specific need or disability. With some high needs students, more than one technology device may be necessary to meet their needs. In addition, under this SSIP we will be purchasing assistive technology devices such as the Osmo and document camera solutions that are specifically geared for students with disabilities and ELL students. We have worked very successfully with the assistive technology staff from our Questar III BOCES to tailor hardware and software solutions for each high need student and will continue that practice. Those mechanisms are already in place, and this SSIP will allow us to augment the successful programs we already have implemented.

Our technology committee has also made a district-wide commitment to move to the Google Apps for Education platform as part of our one-to-one initiative. Our hope is that student learning gaps that have been identified (using AIMsweb for benchmark and progress monitoring), will be addressed through the Google Classroom platform. In this platform teachers can tailor assignments and instruction for an entire course, specific class, or even the individual student. Monitoring of these student gains (closing the learning gaps) will be measured through AIMsweb and RTIm direct software applications that we already employ.

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.**

Providing a consistent set of classroom technology tools offer the opportunity for technology based partnerships at the classroom level including opening up the ability to conduct remote field trips, distance learning, etc. With respect to enhancing communication with parents and others, our district already accomplishes this utilizing many tools including but not limited to: our student information system which has a parent portal, electronic messaging system including phone, email, and texting, our district website, and social media such as facebook and twitter.

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Classroom Learning Technology

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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."

Embedded in the technology plan are multiple opportunities to increase staff members' technology literacy, awareness, and confidence. These opportunities include, but are not limited to, in-service course offerings, vendor trainings, one-to-one tutorials, and ongoing training by the Technology department. In addition, instructional technology coaches and library media specialists provide embedded professional development for faculty and staff. A technology section on the district's website will continue to be available to faculty with support information such as: frequently asked questions, tutorials, and links to other technology applications. All technology professional development will be coordinated in conjunction with Professional Practices Committee and Instructional Administrators. These professional development opportunities will ensure that each professional is well qualified to integrate technology effectively into curricula and instruction and assist students in achieving the Common Core State Standards and New York State learning standards.

Recent and ongoing professional development include:

- Website Development
- iPads and Table apps
- Blogging
- Web 2.0 Tools
- Google Apps for Education (Drive, Docs, Gmail, Calendar, Classroom, etc.)
- eDoctrina
- IEP Direct
- RtiM Direct
- AIMSweb
- Microsoft Publisher
- Tech Time for personal technology exploration
- Document camera training
- Interactive white-board training (ActivInspire, Smart Notebook)

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

- 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

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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.

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. The list includes the following items:

(1) Server Rack \$295.00
(5) Steelcase Eno boards @\$1,093.00 ea = \$5,465.00
(6) Epson 585w projectors @\$1,140.00 ea = \$6,840.00
(6) Yoga 11e student laptops @\$455.00 ea = \$2,730.00
(4) Apple Ipad WiFi (MP2H2LL/A) - 128GB @\$400.00ea = \$1,600.00
Nonpublic unassigned funds = \$1,070.00
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/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	386,369	1,150	72	1,222	250	18,000

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Classroom Learning Technology

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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	82,910
Computer Servers	0
Desktop Computers	16,709
Laptop Computers	18,730
Tablet Computers	37,600
Other Costs	230,420
Totals:	386,369

15. Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category. This is especially important for any expenditures listed under the "Other" category. All expenditures must be capital-bond eligible to be reimbursed through the SSBA. If you have any questions, please contact us directly through smartschools@nysed.gov.

Please specify in the "Item to be Purchased" field which specific expenditures and items are planned to meet the district's nonpublic loan requirement, if applicable.

NOTE: Wireless Access Points that will be loaned/purchased for nonpublic schools should **ONLY** be included in this category, not under School Connectivity, where public school districts would list them.

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

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Select the allowable expenditure type. Repeat to add another item under each type.	Item to be Purchased	Quantity	Cost per Item	Total Cost
Interactive Whiteboards	Steelcase Eno Interactive Whiteboard	31	1,995	61,845
Other Costs	Epson 585w projector	27	1,140	30,780
Other Costs	Cart for Interactive Whiteboard	5	2,025	10,125
Interactive Whiteboards	Interactive Flat Panel displays	4	3,900	15,600
Other Costs	Ergotron Chromebook storage cabinet	64	1,094	70,016
Laptop Computers	Acer Chromebooks 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 (MP2H2LL/A) for Media Centers	20	400	8,000
Other Costs	Device Storage Cabinets for Media Centers	3	1,000	3,000
Tablet Computers	Apple iPad WiFi 128GB (MP2H2LL/A) for Faculty	70	400	28,000
Other Costs	CnC machine for Ag/Tech	1	20,420	20,420
Other Costs	3-D Printer	3	4,300	12,900
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 projector - Private School Loan	6	1,140	6,840
Laptop Computers	Lenovo Yoga 11e Laptops - Private School Loan	6	455	2,730
Tablet Computers	Apple iPad WiFi 128GB (MP2H2LL/A) - Private School Loan	4	400	1,600
Other Costs	Non-Public unassigned funds	1	1,070	1,070
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	Vernier Temp Probe	11	41	451
Other Costs	Vernier pH Probe	10	80	800
Other Costs	Vernier dissolved O2 Probe	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

Smart Schools Investment Plan - SSIP_1

Classroom Learning Technology

Page Last Modified: 06/22/2017

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	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	1,519	16,709
Other Costs	Digital Music Lab - M-Audio USB MIDI Keyboard	11	159	1,749
Other Costs	Digital Music Lab - Quiklok Triple Shelf workstation w/pullout shelf	10	274	2,740
Other Costs	Digital Music Lab - Wenger Music Teacher Workstation	1	1,117	1,117

Smart Schools Investment Plan - SSIP_1

Pre-Kindergarten Classrooms

Page Last Modified: 05/05/2017

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)
Totals:	0

6. Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category. This is especially important for any expenditures listed under the "Other" category. All expenditures must be capital-bond eligible to be reimbursed through the SSBA. If you have any questions, please contact us directly through smartschools@nysed.gov. Add rows under each sub-category for additional items, as needed.

Smart Schools Investment Plan - SSIP_1

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 - SSIP_1

Replace Transportable Classrooms

Page Last Modified: 06/09/2017

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.**

Our district intends to provide high quality instructional space by modernizing existing educational space to accommodate Alternative Education needs currently supported in a substandard transportable classroom. The District Planning Committee (DPC) has identified underutilized existing space that, through thoughtful technology rich reprogramming, will serve not only the Alternative Education students, but all Middle School / High school students.

Briefly, our district proposed to relocate the existing Middle School / High School library media center to a space that is currently serving the Middle school choral program. This space is oversized for the for the choral music program, but is particularly well suited for a modern, technology rich, library media center. In turn, this allows the Alternative Education program to re-located into the current library media center of the Middle School / High School building in a high functioning equitable manner, along with a right sized choral music room.

- 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
19-07-01-04-00-001-028
19-07-01-04-00-008-024
19-07-01-04-01-002-002

- 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 estimated expenses for this portion of the project is \$868,795. While allocating \$548,795 from the SSBA was also are planning to cover the balance of \$320,000 from our 2016-2017 General Budget (that was already passed by voters).

- 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	548,795
Other Costs	0
Totals:	548,795

Smart Schools Investment Plan - SSIP_1

Replace Transportable Classrooms

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5. **Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category. This is especially important for any expenditures listed under the "Other" category. All expenditures must be capital-bond eligible to be reimbursed through the SSBA. If you have any questions, please contact us directly through smartschools@nysed.gov.
Add rows under each sub-category for additional items, as needed.**

Smart Schools Investment Plan - SSIP_1

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 Existing Instructional Space	Eliminate Alternate Education Trailer - General Construction Costs	1	32,000	32,000
Enhance/Modernize Existing Instructional Space	Eliminate Alternate Education Trailer - Architect Fees	1	7,500	7,500
Enhance/Modernize Existing Instructional Space	Eliminate Alternate Education Trailer - Clerk of the Works	1	6,000	6,000
Enhance/Modernize Existing Instructional Space	Renovate Ellis Elementary Library into a technology Media Center for the Elementary School - General Construction	1	29,000	29,000
Enhance/Modernize Existing Instructional Space	Renovate Ellis Elementary's Library into a technology Media Center for the Elementary School - Heating and Ventilating	1	16,000	16,000
Enhance/Modernize Existing Instructional Space	Renovate Ellis Elementary's Library into a technology Media Center for the Elementary School - Electrical	1	3,150	3,150
Enhance/Modernize Existing Instructional Space	Renovate Ellis Elementary's Library into a technology Media Center for the Elementary School - Architect Fees	1	12,000	12,000
Enhance/Modernize Existing Instructional Space	Renovate Ellis Elementary's Library into a technology Media Center for the Elementary School - Furniture and Equipment	1	27,106	27,106
Enhance/Modernize Existing Instructional Space	Construct a new technology based MS/HS Media Center, Alternate Education, Music/Choral suite in the former MS/HS Library - General Construction	1	135,030	135,030
Enhance/Modernize Existing Instructional Space	Construct a new technology based MS/HS Media Center, Alternate Education, Music/Choral suite in the former MS/HS Library - Heating and Ventilating	1	94,298	94,298
Enhance/Modernize Existing Instructional Space	Construct a new technology based MS/HS Media Center, Alternate Education, Music/Choral suite in the former MS/HS Library - Plumbing	1	14,000	14,000
Enhance/Modernize Existing Instructional Space	Construct a new technology based MS/HS Media Center, Alternate Education, Music/Choral suite in the former MS/HS Library - Electric	1	85,067	85,067

Smart Schools Investment Plan - SSIP_1

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 Existing Instructional Space	Construct a new technology based MS/HS Media Center, Alternate Education, Music/Choral suite in the former MS/HS Library - Other (Abatement)	1	13,400	13,400
Enhance/Modernize Existing Instructional Space	Construct a new technology based MS/HS Media Center, Alternate Education, Music/Choral suite in the former MS/HS Library - Architect's Fees	1	34,500	34,500
Enhance/Modernize Existing Instructional Space	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	26,000	26,000
Enhance/Modernize Existing Instructional Space	Construct a new technology based MS/HS Media Center, Alternate Education, Music/Choral suite in the former MS/HS Library - Furniture & Equipment	1	13,744	13,744

Smart Schools Investment Plan - SSIP_1

High-Tech Security Features

Page Last Modified: 05/16/2017

Group 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.

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

- Was your project deemed eligible for streamlined Review?**

- Yes
 No

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

Name	License Number
Philip John Snyder	3021279

- 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	20,360
Entry Control System	(No Response)
Approved Door Hardening Project	(No Response)
Other Costs	(No Response)
Totals:	20,360

- Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category. This is especially important for any expenditures listed under the "Other" category. All expenditures must be capital-bond eligible to be reimbursed through the SSBA. If you have any questions, please contact us directly through smartschools@nysed.gov.**

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

Smart Schools Investment Plan - SSIP_1

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	4,285	17,140
Electronic Security System	Installation of security cameras	1	3,220	3,220

Smart Schools Investment Plan - SSIP_1

Report

Smart Schools Investment Plan - SSIP_1

PPU Report
