

Smart Schools Investment Plan - Revised - Phase 2 - Interactive Displays

SSIP Overview

Institution ID

800000051095

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

STEVE BINGLE

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

3153769155

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

sbingle@lowvilleacademy.org

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

Supplemental submission

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

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

☒ District Educational Technology Plan Submitted to SED and Approved

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

By checking the boxes below, you are certifying that you have engaged with those required stakeholders.

☒ Parents

☒ Teachers

☒ Students

☒ Community members

☐ The district was unable to meet with each group of stakeholders due to an emergency need as a result of the COVID-19 crisis.

5. Did your district contain nonpublic schools in 2014-15?

☐ Yes

☒ Yes, but they have all since closed, moved out of district or are declining use of SSBA funds

☐ No

- 5a. Please detail which nonpublic schools have closed or moved since 2014-15, including enrollments and physical locations.

Millcreek Amish School 23 Rice Rd. Lowville NY

Deerbrook School 24

Crystal Light Mennonite School 39 Castorland NY

Hope Mennonite School 8 10468 East Rd, Lowville NY

Smart Schools Investment Plan - Revised - Phase 2 - Interactive Displays

SSIP Overview

6. Certify that the following required steps have taken place by checking the boxes below:

- ☒ 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 school board was unable to conduct a hearing that enabled stakeholders to respond to the preliminary plan due to an emergency need as a result of the COVID-19 crisis.
- ☒ 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.

6a. 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.

Lowville SSBA Phase 2 Smartboards 3-5-20.pdf

6b. Enter the webpage address where the final Smart Schools Investment Plan is posted. The Plan should remain posted for the life of the included projects.

https://drive.google.com/file/d/1rWsEkoOzvmI_JHdaNvyJMimHZRdECHIE/view

7. 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.

1,500

8. 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.

9. 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)

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

(No Response)

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

\$1,429,203

12. Final 2014-15 BEDS Enrollment to calculate Nonpublic Sharing Requirement

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	1,325	0	1,325.00	0.00

13. This table compares each category budget total, as entered in that category's page, to the total expenditures listed in the category's expenditure table. Any discrepancies between the two must be resolved before submission.

Smart Schools Investment Plan - Revised - Phase 2 - Interactive Displays

SSIP Overview

	Sub-Allocations	Expenditure Totals	Difference
School Connectivity	175,544.00	175,544.00	0.00
Connectivity Projects for Communities	0.00	0.00	0.00
Classroom Technology	785,809.00	785,809.00	0.00
Pre-Kindergarten Classrooms	0.00	0.00	0.00
Replace Transportable Classrooms	0.00	0.00	0.00
High-Tech Security Features	0.00	0.00	0.00
Nonpublic Loan	0.00	0.00	0.00
Totals:	961,353	961,353	0

Smart Schools Investment Plan - Revised - Phase 2 - Interactive Displays

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.

We currently meet the required standard with a 1GB connection through the Development Authority of the North Country and contracted through the Mohawk RIC. The chart below indicates we exceed the required connectivity speed of 100 Mbps per 1,000 students and staff.

Our District is housed in one building, divided into three schools. Our District has a fiber connection to the Network Operations Center which is then distributed via fiber to five wiring closets located throughout the building. The District currently uses two wireless controllers which provide us with more reliable wireless connections and improved data throughput. Every classroom in the District has its own wireless access point with additional wireless access points installed in non-instructional areas to fill any known coverage deficiencies.

- 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).** If the district currently meets the required speed, enter "Currently Met" in the last box: Expected Date When Required Speed Will be Met.

	Number of Students	Required Speed in Mbps	Current Speed in Mbps	Expected Speed to be Attained Within 12 Months	Expected Date When Required Speed Will be Met
Calculated Speed	1,350	135.00	1000	1000	Currently Met

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 the district currently has a strong network infrastructure, we wish to continue to support this equipment and add additional Power Over Ethernet 10 Gig switches where appropriate. This will allow the infrastructure to support additional one-to-one devices and safety and security devices that may be required by the district in the future.

Smart Schools Investment Plan - Revised - Phase 2 - Interactive Displays

School Connectivity

4. Describe the linkage between the district's District Instructional Technology Plan and how the proposed projects will improve teaching and learning. (There should be a link between your response to this question and your responses to Question 1 in Section IV - NYSED Initiatives Alignment: "Explain how the district use of instructional technology will serve as a part of a comprehensive and sustained effort to support rigorous academic standards attainment and performance improvement for students.")

Your answer should also align with your answers to the questions in Section II - Strategic Technology Planning and the associated Action Steps in Section III - Action Plan.)

The first component of this plan is to support the network infrastructure that is critical to our 1:1 Chromebook initiative. Currently we have a very robust network but anticipate the demand to increase as we expand our 1:1 initiative. We currently exceed the broadband standard via our contract with the Regional Information Center. We anticipate that we will be upgrading to 10 gig on our internal back bone via an Erate project in a very short time. We wish students to have full access to internet resources that they require and not to have them frustrated by delayed responses to their searches that might be the product of our internal network.

The second component of our plan is the replacement of our outdated Smartboards with interactive, multi-touch displays that will drive classroom instruction and enhance learning opportunities for students. This includes a wireless presentation system that will allow multiple devices to connect to the interactive displays. This will fit perfectly with our 1:1 Chromebook initiative in grades 3-12 which was fully implemented in September 2017. The interactive displays will enhance instruction by displaying engaging, web-based instructional resources as well as allowing for students to broadcast their individual work to the entire class. Teachers will use these tools to create interactive, collaborative and intuitive learning experiences that will increase the level of engagement between teachers and students and ensure the learning needs of every student are met. The new interactive displays will simplify differentiating instruction for teachers. They will allow teachers to deliver content that motivates all learners and provides more in-depth presentations that will engage even the most reluctant learning. Teachers will be able to easily record lessons then share them with students for review later in the day, that night or prior to an assessment.

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.

Lowville Academy has a strong relationship with the Madison Oneida Regional Information Center. The district works with their technology planning team to annually review network infrastructure strength and academic requirements. During the summer of 2016 we replaced our existing WAPs with new 802.11ac WAPs and installed new WAPs in instructional areas that were not covered to support student 1:1 implementation. Additionally, we also replaced our wireless controller with 2 wireless controllers to provide redundant connectivity. Our new wireless network infrastructure has greatly improved our speed and reliability.

6. Smart Schools plans with any expenditures in the School Connectivity category require a project number from the Office of Facilities Planning. Districts must submit an SSBA LOI and receive project numbers prior to submitting the SSIP. As indicated on the LOI, some projects may be eligible for a streamlined review and will not require a building permit.

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

Project Number
23-09-01-04-0-001-BA3
23-09-01-04-0-001-017

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

Was your project deemed eligible for streamlined review?

Yes

Smart Schools Investment Plan - Revised - Phase 2 - Interactive Displays

School Connectivity

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

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

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

Name	License Number
Chris Crolius	22954

9. Public Expenditures – Loanable (Counts toward the nonpublic loan calculation)

Select the allowable expenditure type. Repeat to add another item under each type.	PUBLIC Items to be Purchased	Quantity	Cost Per Item	Total Cost
(No Response)	(No Response)	(No Response)	(No Response)	0.00
		0	0.00	0

10. Public Expenditures – Non-Loanable (Does not count toward nonpublic loan calculation)

Select the allowable expenditure type. Repeat to add another item under each type.	PUBLIC Items to be purchased	Quantity	Cost per Item	Total Cost
Professional Services	Installation of Classroom Devices display solution	125	600.00	75,000.00
Connections/Components	Cables required for installation of Classroom Devices Displays	1	960.00	960.00
Connections/Components	5M Select High Speed HDMI Cable with Ethernet Cable	128	28.00	3,584.00
Professional Services	Architect Planning	1	26,000.00	26,000.00
Network/Access Costs	C9200-48P-EDU	14	3,000.00	42,000.00
Network/Access Costs	AIR-AP2802I-B-K9	28	700.00	19,600.00
Connections/Components	C2960-Stack	14	600.00	8,400.00
		311	31,888.00	175,544

11. Final 2014-15 BEDS Enrollment to calculate Nonpublic Sharing Requirement (no changes allowed.)

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	1,325	0	1,325.00	0.00

12. Total Public Budget - Loanable (Counts toward the nonpublic loan calculation)

	Public Allocations	Estimated Nonpublic Loan Amount	Estimated Total Sub-Allocations
Network/Access Costs	0.00	0.00	0.00

Smart Schools Investment Plan - Revised - Phase 2 - Interactive Displays

School Connectivity

	Public Allocations	Estimated Nonpublic Loan Amount	Estimated Total Sub-Allocations
School Internal Connections and Components	0.00	0.00	0.00
Other	0.00	0.00	0.00
Totals:	0.00	0	0

13. Total Public Budget – Non-Loanable (Does not count toward the nonpublic loan calculation)

	Sub-Allocation
Network/Access Costs	61,600.00
Outside Plant Costs	0.00
School Internal Connections and Components	12,944.00
Professional Services	101,000.00
Testing	0.00
Other Upfront Costs	0.00
Other Costs	0.00
Totals:	175,544.00

14. School Connectivity Totals

	Total Sub-Allocations
Total Loanable Items	0.00
Total Non-loanable Items	175,544.00
Totals:	175,544

Smart Schools Investment Plan - Revised - Phase 2 - Interactive Displays

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

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)	0.00
		0	0.00	0

7. 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:	0.00

Smart Schools Investment Plan - Revised - Phase 2 - Interactive Displays

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.

We currently meet the required standard with a 1GB connection through the Development Authority of the North Country and contracted through the Mohawk RIC. The chart below indicates we exceed the required connectivity speed of 100 Mbps per 1,000 students and staff.

Our District is housed in one building, divided into three schools. Our District has a fiber connection to the Network Operations Center which is then distributed via fiber to five wiring closets located throughout the building. The District currently uses two wireless controllers which provide us with more reliable wireless connections and improved data throughput. Every classroom in the District has its own wireless access point with additional wireless access points installed in non-instructional areas to fill any known coverage deficiencies.

- 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). If the district currently meets the required speed, enter "Currently Met" in the last box: Expected Date When Required Speed Will be Met.

	Number of Students	Required Speed in Mbps	Current Speed in Mbps	Expected Speed to be Attained Within 12 Months	Expected Date When Required Speed Will be Met
Calculated Speed	1,350	135.00	1000	1000	Current

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.

During the summer of 2016 we replaced our existing WAPs with new 802.11ac WAPs and installed new WAPs in instructional areas that were not covered in the past. We also replaced our wireless controller with 2 wireless controllers to provide redundant connectivity. Our new wireless network infrastructure has greatly improved our speed and reliability.

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.

Smart Schools Investment Plan - Revised - Phase 2 - Interactive Displays**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.**

We plan to replace our outdated Smartboards with interactive, multi-touch displays that will drive classroom instruction and enhance learning opportunities for students. This includes a wireless presentation system that will allow multiple devices to connect to the interactive displays. This will fit perfectly with our 1:1 Chromebook initiative in grades 3-12 that was fully implemented in September 2017. The interactive displays will enhance instruction by displaying engaging, web-based instructional resources as well as allowing for students to broadcast their individual work to the entire class. Teachers will use these tools to create interactive, collaborative and intuitive learning experiences that will increase the level of engagement between teachers and students and ensure the learning needs of every student are met. In addition, we will replace our current document cameras with new devices that will have higher resolution and more features. The interactive displays and document cameras will be compatible with our current network infrastructure and will use existing district electrical systems that are currently being used for our Smartboard systems.

- 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?")

In addition, describe how the district ensures equitable access to instruction, materials and assessments and participation in the general curriculum for both SWD and English Language Learners/Multilingual Learners (ELL/MLL) students.

Students with disabilities will greatly benefit from the new interactive displays that will simplify differentiating instruction for teachers. The new interactive displays will also allow teachers to deliver content that motivates all learners. These more in-depth presentations will engage even the most reluctant learners. Teachers will be able to easily record lessons then share them with students for review later in the day, that night or prior to an assessment. Interactive displays will greatly enhance instruction for every student, most notably those students with disabilities. In addition to the benefits for students with disabilities described above, ELL/MLL students will have a magnified benefit from this technology due to the ease with which educators can easily incorporate visual, auditory and tactile components into their lessons. The ability for ELL/MLL students to review recorded lessons at a later time will make content more accessible and will enhance their learning and achievement. This will, in turn, increase their engagement, will generate excitement for learning and will help reduce the learning gaps for our ELL/MLL students.

- 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.**

Classrooms will be able to virtually connect with numerous outside providers, including authors, museums, alumni on Career Day, and many other types of content providers. Parents will continue to use the Parent Portal in Schoology and Google Classroom to view student's progress and upcoming work that their children will now be creating with the help of the new technologies that are being purchased.

Smart Schools Investment Plan - Revised - Phase 2 - Interactive Displays

Classroom Learning Technology

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."

One vehicle for providing this professional development will be extensive summer workshop offerings. Providing ample time for teacher training is critical and will represent a significant cost to the district. In addition to summer workshops, we will provide targeted training for teachers at each grade level/department that will be best provided during Staff Development days and by hiring substitute teachers to cover for teachers attending focused trainings during the school year. Another significant form of professional development for teachers and administrators will be support from in-district Instructional Technology Specialist and Model Schools' Coordinators that will occur throughout the school year during planning periods, faculty meetings and after school workshops. In addition to Professional Development offerings provided by district, we will rely on teachers participating in regional Model Schools' workshops and attending Model Schools' Trending Technology Team meetings. To complement our face-to-face trainings, we are developing a video library of integration ideas, troubleshooting guides and how-to guides for common tasks. These videos will also be shared with students and staff to help them familiarize themselves with their new devices and applications. In addition to the videos created in house, we have purchased a subscription to the Teq Online Professional Development platform. This gives our staff access to hundreds of live and archived courses on trending topics, technology integration and lesson content which they can access at any time from anywhere. Some specific examples of Professional Development that will be offered to our staff include: "Using SMART to Differentiate Instruction", "SMART Learning Suite and G Suite Integration", "Engaging the Reluctant Learner" and "Enhancing Small Group Instruction with SMART".

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

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

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

SUNY Potsdam

- 9b. Enter the primary Institution phone number.

315-267-2000

- 9c. Enter the name of the contact person with whom you consulted and/or will be collaborating with on innovative uses of technology and best practices.

Dr. Walter J. Conley, Interim Dean, School of Education & Professional Studies

10. 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.

11. 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.

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

Smart Schools Investment Plan - Revised - Phase 2 - Interactive Displays

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	SMART Board 6075 interactive flat panel with iQ and SMART Learning Suite	117	4,749.00	555,633.00
Interactive Whiteboards	Rail system and mount for Interactive Flat Panel	58	450.00	26,100.00
Interactive Whiteboards	iRover2 for Interactive Flat Panels (Mount included)	8	1,355.00	10,840.00
Interactive Whiteboards	SMART Board 6065 interactive flat panel with iQ and SMART Learning Suite	14	3,999.00	55,986.00
Other Costs	8 Ft Raceway for Cable Management	140	25.00	3,500.00
Other Costs	Universal Sound Bar Bracket	9	40.00	360.00
Interactive Whiteboards	Large Fusion Micro-Adjustable Fixed Wall Display Mount	41	249.00	10,209.00
Other Costs	Audio Enhancement BEAM PAL - XD Classroom Audio Bar w/2 mics	9	1,490.00	13,410.00
Interactive Whiteboards	Conen Motorized Height Adjustable Wall Mount-Rail Style Mount	24	1,115.00	26,760.00
Other Costs	TruLink HDMI over Cat5 Box Receiver	1	239.00	239.00
Other Costs	TruLink HDMI over Cat5 Box Transmitter	1	290.00	290.00
Other Costs	SMART Document Camera 550	118	699.00	82,482.00
		540	14,700.00	785,809

13. Final 2014-15 BEDS Enrollment to calculate Nonpublic Sharing Requirement (no changes allowed.)

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	1,325	0	1,325.00	0.00

14. If you are submitting an allocation for Classroom Learning Technology complete this table.

	Public School Sub-Allocation	Estimated Nonpublic Loan Amount (Based on Percentage Above)	Estimated Total Public and Nonpublic Sub-Allocation
Interactive Whiteboards	685,528.00	0.00	685,528.00
Computer Servers	0.00	0.00	0.00
Desktop Computers	0.00	0.00	0.00
Laptop Computers	0.00	0.00	0.00
Tablet Computers	0.00	0.00	0.00

Smart Schools Investment Plan - Revised - Phase 2 - Interactive Displays

Classroom Learning Technology

	Public School Sub-Allocation	Estimated Nonpublic Loan Amount (Based on Percentage Above)	Estimated Total Public and Nonpublic Sub-Allocation
Other Costs	100,281.00	0.00	100,281.00
Totals:	785,809.00	0	785,809

Smart Schools Investment Plan - Revised - Phase 2 - Interactive Displays

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

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)	0.00
		0	0.00	0

6. 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:	0.00

Smart Schools Investment Plan - Revised - Phase 2 - Interactive Displays

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.

(No Response)

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

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

Project Number
(No Response)

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

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

(No Response)

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

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)	0.00
		0	0.00	0

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

	Sub-Allocation
Construct New Instructional Space	(No Response)
Enhance/Modernize Existing Instructional Space	(No Response)
Other Costs	(No Response)
Totals:	0.00

Smart Schools Investment Plan - Revised - Phase 2 - Interactive Displays

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.

(No Response)

2. All plans and specifications for the erection, repair, enlargement or remodeling of school buildings in any public school district in the State must be reviewed and approved by the Commissioner. Smart Schools plans with any expenditures in the High-Tech Security category require a project number from the Office of Facilities Planning. Districts must submit an SSBA LOI and receive project numbers prior to submitting the SSIP. As indicated on the LOI, some projects may be eligible for a streamlined review and will not require a building permit. Please indicate on a separate row each project number given to you by the Office of Facilities Planning.

Project Number
(No Response)

3. Was your project deemed eligible for streamlined Review?

- ☐ Yes
☐ No

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

Name	License Number
(No Response)	(No Response)

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

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)	0.00
		0	0.00	0

6. If you have made an allocation for High-Tech Security Features, complete this table.
Enter each Sub-category Public Allocation based on the the expenditures listed in Table #5.

	Sub-Allocation
Capital-Intensive Security Project (Standard Review)	(No Response)
Electronic Security System	(No Response)
Entry Control System	(No Response)
Approved Door Hardening Project	(No Response)
Other Costs	(No Response)
Totals:	0.00