Smart Schools Investment Plan - Revised - Application 1

SSIP Overview

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Institution ID

800000051235

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

Joseph Reilly

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

6076543858

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

Reilly.j.n@gmail.com

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.

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.

☑ Parents
☑ Teachers
☑ Students
☑ Community members
☐ This plan has been identified as a Remote Learning Plan and meets the criteria per the SSBA Guidance to be submitted and reviewed on an expedited basis, therefore the district did not consult with certain stakeholder groups including parents, teachers, students, community members and/or nonpublic schools in the district prior to submission of the application.

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

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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 occured 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.
- ☐ This Plan has been identified as a Remote Learning Plan and meets the criteria per the SSBA Guidance to be submitted and reviewed on an expedited basis, therefore this plan has not met certain stakeholder engagement requirements including, consulting with nonpublic schools in advance of plan submission, having the school board conduct a hearing on the plan and/or posting the plan to the district website for a minimum of 30 days. This district will post the Remote Learning Plan to the district's website upon submission of the application.

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.

IRCSD Smart Schools Initiative November 2021.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://www.ircsd.org/en-US/smart-schools-4c35bfb6

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.

4,460

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:

$4,433,013

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

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	4,042	0	4,042.00	0.00

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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.

	Sub-Allocations	Expenditure Totals	Difference
School Connectivity	220,999.00	220,999.00	0.00
Connectivity Projects for Communities	0.00	0.00	0.00
Classroom Technology	4,212,014.00	4,212,014.00	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:	**4,433,013**	**4,433,013**	**0**

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1. In order for students and faculty to receive the maximum benefit from the technology made available under the Smart Schools Bond Act, their school buildings must possess sufficient connectivity infrastructure to ensure that devices can be used during the school day. Smart Schools Investment Plans must demonstrate that:

- **sufficient infrastructure that meets the Federal Communications Commission's 100 Mbps per 1,000 students standard currently exists in the buildings where new devices will be deployed, or**
- **is a planned use of a portion of Smart Schools Bond Act funds, or**
- **is under development through another funding source.**

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

1. Specifically codified in a service contract with a provider, and

2. Guaranteed to be available to all students and devices as needed, particularly during periods of high demand, such as computer-based testing (CBT) periods.

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

Indian River subscribes to broadband services through the Mohawk Regional Information Center and Jefferson Lewis BOCES. They currently exceed this standard.

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	4,042	404.20	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.

Indian River currently has a robust wireless network serving the students, teachers, and administrators in our district. With the expansion of one-to-one services and additional safety and security devices that depend on the network, Indian River is planning for the next generation infrastructure demands on the network. The district understands that today's network will not meet tomorrow's demands.

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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.)

It is a stated goal that the Indian River Central School DIstrict support a one-to-one learning environment. This environment should help students become active participants in their learning environment instead of passive participants. Students who work in project-based learning, lab environments, and hands on learning are more successful and retain more of the materials that they experience. Passive learners retain less and can apply very little of abstract learning and memorization. The networks at Indian River are tools to support the active learner.

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.

Indian River works with several groups to quantify their network demands. The district regularly meets with the planning specialist from the Mohawk Regional Information Center, the technical experts from our district architect's team, the technical support team in the district, and most importantly, the instructional administration team from the district.
In these conversations, the district reviews student learning spaces, public spaces, and the instructional demands in those areas. Upgrades and adjustments to the network are identified by this team and implemented by the district.

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
22-03-01-06-7-999-BA1

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

Was your project deemed eligible for streamlined review?

Yes

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

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

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

Name	License Number
Chris Crolius	22954

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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
Network/Access Costs	AIR-AP2802I-B-K9	75	810.00	60,750.00
Network/Access Costs	C9200L-48P-4x-E	30	3,300.00	99,000.00
Network/Access Costs	C9200L-48P-4x-E-3Y	30	600.00	18,000.00
Connections/Components	C9200L-STACK-KIT Cisco Catalyst 9200L Stack Module	30	690.00	20,700.00
Connections/Components	SFP-10G-LRM= 10GBASE-LRM SFP Module	28	575.00	16,100.00
Connections/Components	SFP-H10GB-CU3M= 10GBASE-CU SFP+ Cable 3 Meter	30	125.00	3,750.00
Connections/Components	AIR-ANT2524DW-R= CISCO AIRONET DUAL-BAND DIPOLE ANTENNA - 4 DBI-WIRELESS DATA NETWORKDIPOLE	13	23.00	299.00
Network/Access Costs	AIR-AP2802E-B-K9	3	800.00	2,400.00
		239	**6,923.00**	**220,999**

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

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	4,042	0	4,042.00	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
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)

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	Sub-Allocation
Network/Access Costs	180,150.00
Outside Plant Costs	0.00
School Internal Connections and Components	40,849.00
Professional Services	0.00
Testing	0.00
Other Upfront Costs	0.00
Other Costs	0.00
Totals:	**220,999.00**

14. School Connectivity Totals

	Total Sub-Allocations
Total Loanable Items	0.00
Total Non-loanable Items	220,999.00
Totals:	**220,999**

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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**

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

Indian River Central Schools subscribes to broadband services through Mohawk Regional Information Center and currently meet this standard.

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.

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	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
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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.

Indian River works with several groups to quantify their network demands. The district regularly meets with the planning specialist from the Mohawk Regional Information Center, the technical experts from our district architect's team, the technical support team in the district, and most importantly, the instructional administration team from the district.
In these conversations, the district reviews student learning spaces, public spaces, and the instructional demands in those areas. Upgrades and adjustments to the network are identified by this team and implemented by the district.

4. All New York State public school districts are required to complete and submit an Instructional Technology Plan survey to the New York State Education Department in compliance with Section 753 of the Education Law and per Part 100.12 of the Commissioner's Regulations.
Districts that include educational technology purchases as part of their Smart Schools Investment Plan must have a submitted and approved Instructional Technology Plan survey on file with the New York State Education Department.

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

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

Indian River's intent is to upgrade classroom facilities through the purchase and installation of two types of devices. Interactive displays and audio enhancement devices. The goal is to make the classroom a better environment for participatory learning.

The first items purchased will be interactive displays to replace existing Smart and Promethean displays in the classrooms. These are **Clear Touch model CTI 6075K+** with stands and PC drivers. As the new units don't require a projector, the actual demand on the existing electrical and HVAC are less.

The second group of devices the district will be purchasing are classroom audio enhancement devices.The model is **MS-500 PoE Network Classroom Amplifier.** These audio enhancement devices allow ALL students in the room to hear and participate with the content being presented via the interactive displays. These devices reduce the number of students can't hear the content to almost zero encouraging the students to participate. The devices are low voltage devices and will not impact the existing electrical infrastructure in those classrooms.

All electrical, HVAC, and other infrastructure necessary are in place to install and support the operation of planned technology of all technology being purchased in Question 12.

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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?")
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.

Please note: If this plan has been identified as a Remote Learning Plan to be submitted and reviewed on an expedited basis, the district should explain how this plan will facilitate remote and hybrid learning, in lieu of responding to the question above.

Indian River is proposing the purchase of two families of devices for their classrooms.
The first are large interactive classroom displays for instruction **Clear Touch model CTI 6075K+** with stands and PC drivers. The primary goal is to enhance differentiated instruction. Some students are successful learning from traditional print media. Other students struggle in that mode and need different strategies. These units enhance instruction by allowing the teacher to utilize video and digital content to expand the offerings to students. For example, Shakespeare from a festival rather than by traditional print media. Videos of plants or other living organisms growing and maturing rather than print media or out dated posters. Students could also be presenting their work on the display to their classmates for peer review of work. The more students can experience, the more they can recall and apply. Most importantly, not just the traditional student, but also the English language learner, or the student who may be a below learning level reader.
The teachers are also excited for the potential for students to present experiences from outside the classroom. Students can photograph learning opportunities with their cell phones. Perhaps a visit to a local art museum, or an historical site. Maybe even a brief hike into a natural area for a Biology class. The student can then present those experiences sharing an explanation or descrition of an experience rather than a traditional written document.
Additionally, these devices are very valuable for English language learners. Using Google translate, the teacher can present materials and then translate into a second language such as Spanish, French, or even Russian at the click of a button. English language learners will no longer need to wait until a translator is available and they lose the continuit of the learning. **When coupled with the audio enhancement devices** the translation moves from words on a screeen to audio translations in a native language.
The second family of devices are audio enhancement for the classroom. **MS-500 PoE Network Classroom Amplifier.** Traditionally, students had to depend on the ability of the instructor to project their voice ot the use of two tiny computer speakers attached to the teacher laptop for content. There is a list of weaknesses with this archaic system. The new system allows the student in the back corner to hear the teacher as well as the student in the front center. Video content on the interactive board such as an actor presenting Shakespeare or maybe a portion of a video on the Civil War will be as easily heard as the student in the next seat. When the translation component of Google is integrated, there will be a continuity of instruction for the English language learner.
Students with disabilities will benefit extensively from these two systems. Content in the front of the room is very large giving a visually impaired student a better chance to see. A student with audio issues will be able to hear, and even hook via blue tooth into the classroom audio system.
While the system is normally not equated with learning outside the classroom, the materials presented on the interactive boards can be archived. Students outside of the classroom or even working from home might go back to a presentation or a demonstration at a later time for remediation or clarification.

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7. Where appropriate, describe how the proposed technology purchases will enhance ongoing communication with parents and other stakeholders and help the district facilitate technology-based regional partnerships, including distance learning and other efforts.

This system will not directly impact the communication with parents, but Indian River uses a student management system with a robust parent portal. Parents can check attendance, assignments, and even disciplinary reports in real time. Academic achievement can be tracked and progress discussed with teachers via their email addresses available through the portal.
The interactive boards and audio system do greatly expand the potential for video conferencing with outside resources such as neighboring colleges. Each board makes every classroom a video conferencing system with an audio system that doesn't force the 20 or 25 students in the classroom to crowd around two small speakers. Clear audio will keep students engaged and participating.

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."

Please note: If this plan has been identified as a Remote Learning Plan to be submitted and reviewed on an expedited basis, the district should provide a statement confirming that the district has provided or will provide professional development on these devices to its staff, in lieu of responding to the question above.

NO SMART SCHOOL FUNDS ARE BEING USED FOR THIS PROFESSIONAL DEVELOPMENT.
Indian River believes that when the training is focused and relevant, the participating teachers receive the most benefits and the equipment is of most benefit to the students. It is a critical step in the implementation of the equipment and through the use of the instructional technology team, teachers will receive training and updates to the features throughout the life of the product. The important component is that students will be interacting with the boards as much as the staff. The use of coaching, modeling and professional development will encourage and inspire this type of instruction.
The district is paying for the Professional Development via the General Fund Budget.
The professional development for this project has already begun. During January of 2022, the district purchased a small number of these devices to provide installations in a sampling of classrooms at different grade levels and different subject areas. In that same month, professional development specialists from the vendor have traveled to Indian River and provide many hours of training for those "turn key teachers." These teachers were admitted into the pilot with the understanding that they will become the trainers and mentors in the adoption district wide.
The Turn Key Teachers will receive the early training in their specific instructional areas and grade levels. Examples include Elementary Math, Middle School Sciend, Earth Science, Physics, or U.S. history. During the summer of 2022 and 2023 as the installations are complete, the district will offer specific trainings by subject area and by grade levels on multiple occasions. During the summer of 2022 and 2023 the turn key teachers will facilitiate the instruction by offering content area sessions to the other teachers in the district will continue to serve as an ongoing resource for the teachers. During the year, the turn key teachers will follow up with their training particpants and help them expand the integration into additonal components of their instructional day.
The technology integration specialists will also participate in this training along with members of the technical support staff. While the specific content might not be applicable, the technical operation and the trouble shooting required will prevent the equipment from failing at the most inoportune moment.
In the future, the turn key teachers will also provide one on one training to the new teachers to the district as a component of the new teacher professional development.

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 Cortland

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9b. Enter the primary Institution phone number.

607-753-5433

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. Andrea LaChance

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.

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	75 inch 6000K+ Interactive Panel	224	3,125.00	700,000.00
Interactive Whiteboards	PC Module	225	789.00	177,525.00
Interactive Whiteboards	Adjustable Mobile Cart	224	1,039.00	232,736.00
Other Costs	AtlasIED: 40W Single Channel Power Amplifier with Global Power Supply	6	278.00	1,668.00
Other Costs	AtlasIED: Rack Mount Kit for Half Width Rack Amplifier Units	12	34.00	408.00
Other Costs	AtlasIED: Rack Mount Kit for Half Width Rack Amplifier Units	6	8.00	48.00
Other Costs	Audio Enhancement: M5 Screw & Nut for Appliance Rack	56	1.00	56.00
Other Costs	Audio Enhancement: MS-300 Network Interface	6	685.00	4,110.00
Other Costs	Audio Enhancement: 1U Rackmount Appliance for EPIC System	7	4,361.00	30,527.00
Other Costs	Audio Enhancement: Remote Support Windows License	6	312.00	1,872.00
Other Costs	Audio Enhancement: EPIC Admin Manual and User Guides	6	31.00	186.00
Other Costs	Audio Enhancement: EPIC System	6	5,607.00	33,642.00

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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
	Platform License			
Other Costs	Audio Enhancement: SAFE System License (Requires EPIC System Platform License)	6	4,432.00	26,592.00
Other Costs	Audio Enhancement: EPIC System - IPB License	6	1,380.00	8,280.00
Other Costs	Audio Enhancement: EPIC District View Software License	1	17,622.00	17,622.00
Other Costs	Mid Atlantic: EWR Series Wall Mount Rack, 17	6	544.00	3,264.00
Other Costs	Mid Atlantic: Rackmount Power, 9 Outlet, 15A, Basic Surge, Pilot Light	6	154.00	924.00
Other Costs	Mid Atlantic: UFA Rackshelf, 1RU, 14.5	6	65.00	390.00
Other Costs	APC: APC Smart-UPS Lithium-ion, Short Depth, 1500VA (1350W), 120V w/SmartConnect, 3U, (6) NEMA 5-15R	6	2,475.00	14,850.00
Other Costs	Audio Enhancement: MS-500 PoE Network Classroom Amplifier	330	1,590.00	524,700.00
Other Costs	Audio Enhancement: EPIC Monitor/Kiosk Combo	7	2,560.00	17,920.00
Other Costs	Audio Enhancement: CLAUDIA - EPIC Front Office Media Player - Includes 7	9	746.00	6,714.00
Other Costs	Audio Enhancement: CS-12 Ceiling Speaker, Plenum Rated Back Can w/Tile Bridge	1,716	95.00	163,020.00
Other Costs	Audio Enhancement: Speaker, Wall, WS-09	54	95.00	5,130.00
Other Costs	Audio Enhancement: Sensor, AE Logo, XD Receiver, SRC14	330	491.00	162,030.00
Other Costs	Audio Enhancement: Mic, AE, XD Teardrop, STD14	330	217.00	71,610.00
Other Costs	Audio Enhancement: CLAUDIA - Classroom Media Station - Includes 7	502	746.00	374,492.00
Other Costs	Audio Enhancement: Li-iON Battery Pack, 3.7V 700mAh 2.6Wh for XD Mics	330	40.00	13,200.00
Other Costs	Audio Enhancement: Charger, Dual USB Wall Mount Charger Block, for XD Mics	330	20.00	6,600.00

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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
Other Costs	Audio Enhancement: 6' USB 2.0 A Male to Micro-USB B Male	330	6.00	1,980.00
Other Costs	Clever Little Box: RCA Male to Screw Terminal Connector (10-pack)	6	14.00	84.00
Other Costs	Mid Atlantic: Forward Small Device Mounting Clamps, 4-pack	6	15.00	90.00
Other Costs	Mid Atlantic: Latch for UD Series Drawers	6	17.00	102.00
Other Costs	Ortronics: 3.5mm Stereo Jack, Keystone Jack, Screw Terminals, Fog White	22	14.00	308.00
Other Costs	Russound: E-Z Connector Speaker Distribution Terminal Block Module, (1) Input, (8) Outputs @ 150W per Ch	6	56.00	336.00
Other Costs	Vanco: 6' RCA Male Stereo to Stripped Tinned End Cable	6	2.00	12.00
Other Costs	W Box Technologies: 6' Dual RCA Male-to-Male Stereo Cable	6	14.00	84.00
Other Costs	W Box Technologies: 1' RCA Male Stereo to Dual RCA Female Adapter	6	11.00	66.00
Other Costs	Professional Services for Engineering	1	317,836.00	317,836.00
Other Costs	Installation of classroom Audio devices	440	1,750.00	770,000.00
Other Costs	Project mgmt and check out	1	223,000.00	223,000.00
Other Costs	Architect CAD Design Fees	1	166,000.00	166,000.00
Other Costs	Purchase of Cables for network connection	660	200.00	132,000.00
		6,256	**758,477.00**	**4,212,014**

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

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	4,042	0	4,042.00	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	1,110,261.00	0.00	1,110,261.00

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	Public School Sub-Allocation	Estimated Nonpublic Loan Amount (Based on Percentage Above)	Estimated Total Public and Nonpublic Sub-Allocation
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
Other Costs	3,101,753.00	0.00	3,101,753.00
Totals:	**4,212,014.00**	**0**	**4,212,014**

Smart Schools Investment Plan - Revised - Application 1

Pre-Kindergarten Classrooms

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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 - Application 1

Replace Transportable Classrooms

Page Last Modified: 01/04/2022

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**

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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**