Smart Schools Investment Plan - Revised - Wynantskill Project

SSIP Overview

Institution ID
800000039573

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. Each box must be checked prior to submitting your Smart Schools Investment Plan.

☑ Parents
☑ Teachers
☑ Students
☑ Community members

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

6. 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 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.

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.

Wyantskill Presentation.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.

www.wynantskillufsd.org/wp-content/uploads/2019/08/Smart_Schools_Presentation.pdf

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.

425

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:

$237,182

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

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	321	163	484.00	33.68

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	52,710.00	52,710.00	0.00
Connectivity Projects for Communities	0.00	0.00	0.00
Classroom Technology	24,640.00	24,640.00	0.00
Pre-Kindergarten Classrooms	0.00	0.00	0.00
Replace Transportable Classrooms	0.00	0.00	0.00
High-Tech Security Features	123,344.00	123,344.00	0.00
Nonpublic Loan	36,230.69	36,230.69	-0.00
Totals:			

	Sub-Allocations	Expenditure Totals	Difference
	236,925	**236,925**	**-0**

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.

Wynantskill subscribes to broadband services through the Northeast Regional Information Center. The district currently exceeds this requirement.

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	372	37.20	200	200	(No Response)

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

The Wynantskill School District is planning to totally replace the network for the building including core and edge switches as well as provide saturation wireless to the entire school. Working with the design team from CSarch and Questar BOCES, the district has planned the switch upgrade to provide 10 gigabyte throughput on the wired network and the installation of 50 wireless access points to provide the coverage to support the learning integration that they require.

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 term "digital native" is used to describe the young people in our society who were born in the digital age and are comfortable if not proficient in the use of digital content. The opportunities are boundless for these students. Teachers have a virtual infinite source of information for supporting learning. That being said, the Wynantsville School District will be implementing a one -to-one learning environment. Wynantskill classrooms will utilize wireless devices that incorporate innovation, digital literacy, and career and life skills. The product of this integration will be authentic learning tasks that align to New York State Common Core Standards and can be integrated into future curricular objectives and instructional units/lessons. Wynantskill teachers can utilize this capacity both in instruction as well as in the development of lifelong student learning skills. The district will also utilize Smart Bond funding to build a solid wired and wireless infrastructure for our students. If a location is identified that needs additional capacity to meet the demands of today's world, we will install wireless access points in these locations allowing seamless use of wireless technology

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.

During the 2016-17 school year, Wynantskill's leadership team worked with the planners from Questar BOCES and ESolutions network design team to study the physical structure of the building, the instructional capacity and usages of each space and the potential utilization in those spaces. With that information, the team developed the design and bill of materials represented in this application.

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
49-08-04-02-0-004-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
Edwin C. Anker	31647

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
Network/Access Costs	JL322A Aruba 2930M 48 port Switch Erate discount 40%	11	1,934.00	21,274.00
Network/Access Costs	JL086A#ABA Switch Power Supply Erate 40% discount	12	194.00	2,328.00
Internal Components and Connections	JL325A Aruba Network Stacking module 40% Erate Discount	11	311.00	3,421.00
Network/Access Costs	J4858D Aruba Transceiver Module 40% Erate discount	2	99.00	198.00
Internal Components and Connections	JL083A Aruba Expansion Module Erate 40% discount	2	384.00	768.00
Network/Access Costs	J9152D Aruba SFP Transceiver Module Erate discount 40%	2	276.00	552.00
Internal Components and Connections	JL9734A HPE Stacking Cable Erate Discount 40%	9	45.00	405.00
Internal Components and Connections	J9736A HPE Stacking Cable	3	91.00	273.00
Network/Access Costs	JL321A Aruba 2930M Low Power Switch	1	1,653.00	1,653.00
Network/Access Costs	JL085A#ABA Power Supply	2	134.00	268.00
Network/Access Costs	JX946A Aruba Wireless Access Point Erate 40% Discount	48	227.00	10,896.00
Network/Access Costs	JW813A Aruba Wireless Access Point	2	531.00	1,062.00
Network/Access Costs	JW605AAE Wireless Access Points Licenses	62	26.00	1,612.00
Internal Components and Connections	Cat6A Patch Cables	400	5.00	2,000.00
		567	**5,910.00**	**46,710**

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
Connections/Components	Installation and configuration of Network Components	1	6,000.00	6,000.00
		1	**6,000.00**	**6,000**

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

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	321	163	484.00	33.68

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

	Public Allocations	Estimated Nonpublic Loan Amount	Estimated Total Sub-Allocations
Network/Access Costs	39,843.00	20,231.80	60,074.80
School Internal Connections and Components	6,867.00	3,486.98	10,353.98
Other	0.00	0.00	0.00
Totals:	**46,710.00**	**23,719**	**70,429**

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

	Sub-Allocation
Network/Access Costs	0.00
Outside Plant Costs	0.00
School Internal Connections and Components	6,000.00
Professional Services	0.00
Testing	0.00
Other Upfront Costs	0.00
Other Costs	0.00
Totals:	**6,000.00**

14. School Connectivity Totals

	Total Sub-Allocations
Total Loanable Items	70,428.79
Total Non-loanable Items	6,000.00
Totals:	**76,429**

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**

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.

Wynantskill subscribes to broadband services through the Northeast Regional Information Center. The district currently exceeds this requirement.

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	372	37.20	200	200	Currently Met

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.

The Wynantskill School District is planning to totally replace the network for the building including core and edge switches as well as provide saturation wireless to the entire school. Working with the design team from CSarch and Questar BOCES, the district has planned the switch upgrade to provide 10 gigabyte throughput on the wired network and the installation of 50 wireless access points to provide the coverage to support the learning integration that they require. The acquisition of this equipment is reflected in the the School Connectivity portion of this application.

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.

The district currently has interactive white boards and projectors in each class room. Unfortunately, they are older units and reaching the end of life. The district proposes using the funds in this application to begin a replacement program on the oldest units. Because these are replacements, there will be no additional load on any of the infrastructure in the building.

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.

The use of interactive displays by the Wynantskill district has allowed the teachers to change their instructional model from a lecture style to a participatory. Students who are challenged to succeed in a rigorous curriculum may require additional demonstration, and a variety of presentation materials to help them to be successful. Additionally, the special needs students benefit from the diplay of modeling rather than text based instruction. Wynantskill has these boards installed in EVERY classroom including all special needs classrooms. Additionally, these interactive displays can be used for peer review of student work. Students can get immediate support when using chrome books and Google classrooms. FInally, the ELL students in the district can easily use the interactive displays with the Google translator that is available to all students. The ELL students can translate from English to their native language and from their native language to English. The teacher can use the interactive display to complete this process with a large group of 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.

The classroom interactive displays will not have a direct impact on the ongoing communication with Wynantskill parents. That being said, Wynanskill employs a vibrant student management system. This system provides real time information to the parents including period-by-period attendance, academic progress, and behavior. Additionally, parents have immediate access to the email contact information for their student's instructors.
Traditionally (way back in the early 21st century) distance learning required a dedicated space with expensive equipment. Distance learning was a limited opportunity. With these interactive display boards all of these classrooms become distance learning spaces with the simple addition of a $20 USB camera, every classroom becomes a distance learning classroom. Whether they are studying geology through a museum in Buffalo, or studying certain primates at the Bronx Zoo. Every classroom for every teacher can host these student experiences.

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."

The Wynantskill Union Free School District has made a commitment to advancing its use of projection technology, particularly as our current interactive touch screen boards have become somewhat obsolete and, in some cases, are no longer functioning. The District wishes to use a portion of its Smart Schools allocation to purchase Promethean Boards. Such Boards would be placed in classrooms of those teachers who show a preference for using new technologies. As these devices would be finite, we would first solicit teacher interest before the distribution process commenced.
Once interest was ascertained, we would then require those who wished to have a board in their rooms attend an after school workshop that showcases the benefits of Promethean technology, perhaps offered by a representative from Questar BOCES, the supplying vendor, if not our own staff who have fluency in this technology could host this workshop. Those teachers would then be asked to meet two subsequent times as a group to share lessons they have taught using the Board, assist others in navigating any issues with the Board, and discuss other relevant topics in a professional learning community format. Those teachers who were given a Board would also be asked to showcase its use (one that accentuates student engagement) during one of their required observations as per the APPR process.

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 Albany

9b. Enter the primary Institution phone number.

5184424988

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. Robert Bangert-Drowns

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	Promethean Active Panel 75	5	4,400.00	22,000.00
Interactive Whiteboards	Promethean Mounting Stand	5	528.00	2,640.00
		10	**4,928.00**	**24,640**

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

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	321	163	484.00	33.68

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	24,640.00	12,511.90	37,151.90
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	0.00	0.00	0.00
Totals:	**24,640.00**	**12,512**	**37,152**

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**

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**

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.

Wynantskill School believes that a safe and secure learning environment is essential for student learning without distractions. Two of the components of this are reliable communications with all locations in the building in the event of an emergency, and reliable video security to investigate any incidents that do occur.
While Wynantskill is a district of only one building, the existing classroom communication system is an outdated analog system with limited capacity and features. In addition, there are locations in the building that are not covered and would be without communication in the event of an emergency incident. The district is proposing installing a digital classroom communication system. In addition to traditional voice capacity, these units would have a digital display that would allow secure visual communication of messages. For example, the display could send a message to each classroom "intruder in the building, shelter in place" or "Wynantskill School is dismissing early today due to inclement weather." This system would also allow digital or vocal messages to individual class rooms or groups of classrooms.
The second component of this plan is the expansion and upgrade of the video security system in the building. This application will allow additional areas of the building to receive cameras, replacement of existing analog cameras, and replacement of the video recording servers. These servers will allow expanded recording of events and extended archiving of specific recordings for future review.

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
49-08-04-02-0-004-011

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
Edwin C. Anker	31647

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
Electronic Security System	NIM-4FX0 4 Port Network Module	1	728.00	728.00
Electronic Security System	M3045-V HD Indoor Dome Camera	1	215.00	215.00
Electronic Security System	Installation of Video Cameras and Server	1	10,000.00	10,000.00
Electronic Security System	P1427 LE HD Network Outdoor Camera	8	600.00	4,800.00
Electronic Security System	telecom network mgmt software 3 years	3	8,000.00	24,000.00

High-Tech Security Features

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	CP-7841-K9 IP Phone 7841	50	200.00	10,000.00
Entry Control System	A1001 Network Door Controller	2	479.00	958.00
Electronic Security System	CP-8841-K9 Unified IP Phone 8841	17	283.00	4,811.00
Other Costs	Architecture Fees for Project	1	12,000.00	12,000.00
Electronic Security System	IPTA-M3YA 3 Year communication Maintenance Tier A	100	24.00	2,400.00
Entry Control System	A8004-VE Axis Door Network Intercom	1	999.00	999.00
Electronic Security System	S1032 MK II Network Video Server	1	5,519.00	5,519.00
Entry Control System	Installation, Programming and wiring for door security	1	6,950.00	6,950.00
Electronic Security System	FLCME-SRST-100 Communication Mgr License	1	1,456.00	1,456.00
Electronic Security System	CON SNT-ISR 4331V CCW Only Smartnet	1	585.00	585.00
Electronic Security System	P3225-V MK II HD Network HD Dome camera	23	400.00	9,200.00
Entry Control System	10-76 DM Door Security Contact	6	14.00	84.00
Electronic Security System	Axis Camera Station License	1	64.00	64.00
Entry Control System	DS160i Bosch Rex Motion	3	65.00	195.00
Entry Control System	Audio Microphone	1	15.00	15.00
Entry Control System	HD Multicass Proximity Reader	3	167.00	501.00
Electronic Security System	Security installation labor	1	23,750.00	23,750.00
Electronic Security System	ISR4331-Vsec K/9 ISR 4331 Bundle	1	4,114.00	4,114.00
		228	**76,627.00**	**123,344**

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)	0.00
Electronic Security System	101,642.00
Entry Control System	9,702.00
Approved Door Hardening Project	0.00
Other Costs	12,000.00
Totals:	**123,344.00**

1. Describe your plan to utilize SSBA funds to purchase devices and loan to the nonpublic schools within your district. Please specify what devices have been requested by the nonpublic schools. If the nonpublic schools have not finalized requests, the district should provide the date nonpublic schools will submit the request by.

The Smart School loaning program will allow our non-public partners to move forward in the area of technology integration. ST JUDE THE APOSTLE SCHOOL is focusing their loan project on three areas. The first is the acquisition of Interactive Display boards for 4 of their classrooms. The boards will allow the students and the teacher to share information, demonstrations and peer review of work. ST JUDE THE APOSTLE SCHOOL also plans to acquire chrome books and establish a loaning library for chromebooks. Students who are Google users can operate in classes and in the library using these devices. Finally, St. Jude the Apostle School can upgrade their network infrastructure to support those chrome books.

2. 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.

2a. Please enter the date each year nonpublic schools must request loanable items from the school district. This date cannot be earlier than June 1 of the previous school year.

June 30

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

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	321	163	484.00	33.68

4. Nonpublic Loan Calculator

	Loanable School Connectivity	Loanable Classroom Technology	Additional Nonpublic Loan (Optional)	Estimated Per Pupil Amount - This Plan	Previously Approved Per Pupil Amount(s)	Cumulative Per Pupil Loan Amount	Final Per Pupil Loan Amount - This Plan	Final Total Loan Amount - This Plan
Required Nonpublic Loan	70,428.79	37,151.90		222.27	0.00	222.27	222.27	36,230.69
Final Adjusted Loan - (If additional loan funds)	70,428.79	37,151.90	(No Response)	222.27	0.00	222.27	222.27	36,230.69

5. Nonpublic Share

	Final Per Pupil Amount	Final Nonpublic Loan Amount
Pending and Previously Approved Plans	0.00	0.00
This Plan	222.27	36,230.69
Total	222.27	36,230.69

6. Distribution of Nonpublic Loan Amount by School

Nonpublic School Name	2018-19 K-12 Enrollment	Special Ed School? If Yes, not eligible
ST JUDE THE APOSTLE SCHOOL	86	No
VANDERHEYDEN HALL	82	Yes

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

Select the allowable expenditure type. Repeat to add another item under each type.	Items to be purchased	Quantity	Cost Per Item	Total Cost
Loanable Network Access Costs	Zyxel GS1920-24HPv2 - switch	2	492.00	984.00
Loanable Network Access Costs	Ruckus ZoneFlex R500 Wireless Access Point	25	490.00	12,250.00
Loanable Network Access Costs	Ruckus Wireless 1 Year Warranty required for first year purchase	25	108.00	2,700.00
Interactive Whiteboards	ITEM: Viewsonic Viewboard IFP7550-E1 75	4	3,225.00	12,900.00
Laptop Computers	Lenovo 300e Chromebook 2nd Generation plus Chrome OS	20	255.00	5,100.00
Unbudgeted Nonpublic Loan Amount	unbudgeted	1	2,296.69	2,296.69
		77	**6,866.69**	**36,231**