

# Smart Schools Investment Plan - Preliminary

## SSIP Overview

Page Last Modified: 08/29/2016

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

Dr. Randy Richards

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

607-565-2841

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

r-richards@gstbooces.org

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

First submission

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

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

District Educational Technology Plan Submitted to SED and Approved

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

By checking the boxes below, you are certifying that you have engaged with those required stakeholders. Each box must be checked prior to submitting your Smart Schools Investment Plan.

- Parents
- Teachers
- Students
- Community members

- 4a. If your district contains non-public schools, have you provided a timely opportunity for consultation with these stakeholders?

- Yes
- No
- N/A

5. Certify that the following required steps have taken place by checking the boxes below: Each box must be checked prior to submitting your Smart Schools Investment Plan.

- The district developed and the school board approved a preliminary Smart Schools Investment Plan.
- The preliminary plan was posted on the district website for at least 30 days. The district included an address to which any written comments on the plan should be sent.
- The school board conducted a hearing that enabled stakeholders to respond to the preliminary plan. This hearing may have occurred as part of a normal Board meeting, but adequate notice of the event must have been provided through local media and the district website for at least two weeks prior to the meeting.
- The district prepared a final plan for school board approval and such plan has been approved by the school board.
- The final proposed plan that has been submitted has been posted on the district's website.

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

Waverly Feb 25 Submission.pdf

6. Please enter an estimate of the total number of students and staff that will benefit from this Smart Schools Investment Plan based on the cumulative projects submitted to date.

1,750

7. An LEA/School District may partner with one or more other LEA/School Districts to form a consortium to pool Smart Schools Bond Act funds for a project that meets all other Smart School Bond Act requirements. Each school district participating in the consortium will need to file an approved Smart Schools Investment Plan for the project and submit a signed Memorandum of Understanding that sets forth the details of the consortium including the roles of each respective district.

The district plans to participate in a consortium to partner with other school district(s) to implement a Smart Schools project.

8. Please enter the name and 6-digit SED Code for each LEA/School District participating in the Consortium.

Partner LEA/District	SED BEDS Code
(No Response)	(No Response)

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

(No Response)

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

\$1,626,225

11. Enter the budget sub-allocations by category that you are submitting for approval at this time. If you are not budgeting SSBA funds for a category, please enter 0 (zero.) If the value entered is \$0, you will not be required to complete that survey question.

	Sub-Allocations
School Connectivity	73,637
Connectivity Projects for Communities	0
Classroom Technology	285,685
Pre-Kindergarten Classrooms	0
Replace Transportable Classrooms	0
High-Tech Security Features	0
<b>Totals:</b>	<b>359,322</b>

# Smart Schools Investment Plan - Preliminary

## School Connectivity

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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.**

The Waverly Central School District currently exceeds this standards and will continue to provide the students and staff with appropriate band width. Waverly currently connects to their ISP with a 1 gigabyte Fiber pipe. This is 6 times the required level. With the completion of an Erate Category 2 project and the Smart Bond, the Districts plans to have 10 Gig to the ISP via Fiber and 1 gig to all desktops and WAPs in the district.

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

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

2. **Connectivity Speed Calculator (Required)**

	Number of Students	Multiply by 100 Kbps	Divide by 1000 to Convert to Required Speed in Mb	Current Speed in Mb	Expected Speed to be Attained Within 12 Months	Expected Date When Required Speed Will be Met
Calculated Speed	1,750	175,000	175 mb	1000 mbs	1000 mbs	(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 Waverly Central School District is linked to the Internet Service Provider (ISP) by the Southern Tier Network. This provides the district with up to 1 gigabyte of bandwidth. All classrooms are equipped with Cisco access points. The weak link in the equation are the Cisco switches. Waverly is planning to replace their edge switches. The new switches will increase the service to the desktops, upgrade the capacity of the existing wireless access points and improve the POE service for security cameras.

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School Connectivity

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

The Waverly Central School District will be implementing a one -to-one learning environment. Waverly 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. Waverly teachers would 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 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.

Waverly Central Schools are prepared to support this initiative. Working with Greater Southern Tier BOCES and the BCK/IDI Architects, Waverly has used the last two capital projects to build a robust wireless network servicing all classrooms and gathering spaces with "saturation" coverage. If proximity sites are identified, the district would utilize local technology funds to expand coverage to appropriate areas.

- 6. As indicated on Page 5 of the guidance, the Office of Facilities Planning will have to conduct a preliminary review of all capital projects, including connectivity projects. Please indicate on a separate row each project number given to you by the Office of Facilities Planning.

Project Number
60-01-01-06-0-018-BA1
60-01-01-06-0-009-BA1
60-01-01-06-0-016-BA1
60-01-01-06-0-001-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.

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School Connectivity

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Name	License Number
Dan Whelan AIA	184561

9. **If you are submitting an allocation for School Connectivity complete this table. Note that the calculated Total at the bottom of the table must equal the Total allocation for this category that you entered in the SSIP Overview overall budget.**

	Sub-Allocation
Network/Access Costs	(No Response)
Outside Plant Costs	0
School Internal Connections and Components	73,637
Professional Services	0
Testing	0
Other Upfront Costs	0
Other Costs	(No Response)
<b>Totals:</b>	<b>73,637</b>

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

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
Connections/Components	Cisco C3850 POE Switch	4	3,700	14,800
Connections/Components	Cisco C2960X POE Switch	14	3,677	51,478
Connections/Components	Cisco Routing Switch WS4500X-16SFP	1	7,359	7,359

## Smart Schools Investment Plan - Preliminary

Community Connectivity (Broadband and Wireless)

Page Last Modified: 07/06/2016

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

(No Response)

2. Please describe how the proposed project(s) will promote student achievement and increase student and/or staff access to the Internet in a manner that enhances student learning and/or instruction outside of the school day and/or school building.

(No Response)

3. Community connectivity projects must comply with all the necessary local building codes and regulations (building and related permits are not required prior to plan submission).

I certify that we will comply with all the necessary local building codes and regulations.

4. Please describe the physical location of the proposed investment.

(No Response)

5. Please provide the initial list of partners participating in the Community Connectivity Broadband Project, along with their Federal Tax Identification (Employer Identification) number.

Project Partners	Federal ID #
(No Response)	(No Response)

6. If you are submitting an allocation for Community Connectivity, complete this table. Note that the calculated Total at the bottom of the table must equal the Total allocation for this category that you entered in the SSIP Overview overall budget.

	Sub-Allocation
Network/Access Costs	(No Response)
Outside Plant Costs	(No Response)
Tower Costs	(No Response)
Customer Premises Equipment	(No Response)
Professional Services	(No Response)
Testing	(No Response)
Other Upfront Costs	(No Response)
Other Costs	(No Response)
<b>Totals:</b>	<b>0</b>

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

**Smart Schools Investment Plan - Preliminary**

Community Connectivity (Broadband and Wireless)

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

# Smart Schools Investment Plan - Preliminary

Classroom Learning Technology

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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.

Waverly Central Schools meets this requirement.

The Waverly Central School District is a subscriber to the Greater Southern Tier Network. This dedicated fiber network provides the capacity to serve every building with a gigabyte service. In addition, with the switch upgrade proposed in this application, the district will have the opportunity to increase that service to 10 gigabytes as demand requires.

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

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

## 2. Connectivity Speed Calculator (Required)

	Number of Students	Multiply by 100 Kbps	Divide by 1000 to Convert to Required Speed in Mb	Current Speed in Mb	Expected Speed to be Attained Within 12 Months	Expected Date When Required Speed Will be Met
Calculated Speed	1,750	175,000	175 mbs	1 Gbs	1 Gbs	(No Response)

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

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

The Waverly Central Schools equips each instructional space with wireless access points providing saturation coverage to all students and staff. The district is well equipped to meet the demands of a one to one implementation.



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4. **All New York State public school districts are required to complete and submit an Instructional Technology Plan survey to the New York State Education Department in compliance with Section 753 of the Education Law and per Part 100.12 of the Commissioner's Regulations.**

**Districts that include educational technology purchases as part of their Smart Schools Investment Plan must have a submitted and approved Instructional Technology Plan survey on file with the New York State Education Department.**

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

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

The Waverly Central School District has adopted the Microsoft 365 Cloud standard. This allows a student to access their material on any device with an internet browser and internet service. This eliminates any limitations based on hardware described as the "digital divide". The district purchase either Dell or HP Windows based laptops and will continue this practice.

The benefit of the Microsoft 365 is that the students using the personal device, or a teacher or student who is sitting at a traditional desk top computer will still have the same access to materials.

Six years ago the Waverly Schools standardized on Smart Boards. Unfortunately, the original units are no longer functioning. Waverly would like to replace those units, as well as the unit in their Media Center with this grant.

The district is excited about the prospect of establishing a Fine Arts computer lab. Consisting of high performance graphics machines, this lab will be able to access Microsoft 365 as well as have the best music and graphics arts programs appropriate for student instruction. In addition, 15 of these units will be used to update the Project Lead the Way lab. The existing machines are badly outdated and the students need machines that are compatible with the recent software releases. Total 39

The Industrial Arts department has requested a 3D printer. Currently there is one 3D printer for classes of 25 to 30 students. The teachers see an immediate opportunity to expand the student opportunities and enhance instruction if this ratio could be improved.

Waverly would like to take the next step in expanding their existing one-to-one project. They plan to purchase 200 laptop computers that will be assigned in mobile carts containing 25 laptops directly to English Language Arts and Science classrooms at the Middle/High School. They also intend to assign them to grade level clusters at the elementary schools.

The Smart Schools Investment Plan is a great opportunity to improve technical offerings in the Special Education classrooms. The first component is to install RedCat Classroom Audio systems in these classrooms. These systems will improve the audio quality for the students from the teacher as well as the classroom technology devices. Special Education is also interested in purchase 60 color Nook tablets for a one-to-one program. These units will be assigned in the appropriate Special Education classrooms. These units were chosen based on their superb graphics for students with limited keyboard ability, their ability to support Microsoft 365, and the management platform for apps management.

Finally, a key ingredient in the entire plan is the purchase of two Cisco mobile distance learning stations. Waverly is a rural district with limited resources. These two units would be used by classroom teachers for expanded virtual field trip opportunities ranging from the Bronx Zoo to the Rock and Roll Hall of Fame to a virtual autopsy for the students in a distance learning Forensics class. . They would be used at the upper levels for Distance Learning AP classes offered by regional districts. The units will play a key roll in the professional development offerings both in Technology and in Teacher APPR training requirements.

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Classroom Learning Technology

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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?”

*“Waverly Central Schools believes: Children are our first priority and every decision and action must be based on their needs.”*

Waverly Central School District Board of Education Goals  
Adopted Spring 2015

The implementation of the one-to-one program eliminates any differentiation between the “haves” and the “have nots.” Every student; rich or poor, advanced or remedial, regular or special education is included in this program. All students will be able to utilize technology to help them to meet their individual goals and overcome individual challenges. Classrooms that support students with disabilities will be upgraded through the installation of Smart Boards and Assistive Audio devices. These items will improve the visual presentation and audio resources for the students with disabilities. Additionally, the district will assign 60 Nook tablets to the classrooms of students with disabilities. These graphic display items will help students with limited skills to improve instruction and supplement traditional learning practices. Students that require remediation will have access to existing Regents preparatory software programs. English Language Learners will be able to utilize the translation components of programs that are standard components in Microsoft 365 and Google Apps for Education. Finally, the parent and community members of the committee put a high priority on the establishment of a Distance Learning program. They are anxious to offer Advanced Placement classes to accelerated students, virtual field trips to students who don’t have the opportunity to journey outside the borders of the school district, and Adult Professional training as well as remote college classes to a region with a large population of adults looking to improve their professional credentials.

- 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.

Waverly has a very successful School Tool Parent Portal that allows parents and students to access student assignments, student evaluations, and attendance reports. In addition, all professional staff have district emails that parents and students can regularly contact their instructors and administrators. The Smart Bond Planning committee also prioritized the establishment of a distance learning facility for student enrichment such as virtual field trips, accelerated courses such as Advanced Placement or International Baccalaureate, and as a community resource for professional development. In addition, this district has a strong connection with the Education Instructional Technology program at SUNY Binghamton. This facility will support the dialogue between these two organizations.

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- 8. Describe the district's plan to provide professional development to ensure that administrators, teachers and staff can employ the technology purchased to enhance instruction successfully.

**Note: This response should be aligned and expanded upon in accordance with your district's response to Question 1 of F. Professional Development of your Instructional Technology Plan: "Please provide a summary of professional development offered to teachers and staff, for the time period covered by this plan, to support technology to enhance teaching and learning. Please include topics, audience and method of delivery within your summary."**

The Waverly Central School District was a charter member of the Model Schools through the Greater Southern Tier Regional Information Center. In addition a Model Schools facilitator is assigned in the district every week, Waverly teachers have access to regional Model Schools instruction totalling hundreds of hours every semester. Some of the courses include; Microsoft One Note in the Classroom, Creating Classroom Audio Projects with Audacity, Tech Talk: You Can code, Digital Age Assessment Tools, Snag It: Creating Great Lessons, Introduction to Microsoft Office Mix, Help Your Students Soar: Crack the Code, Learn By Creating with Microsoft Publisher, and Digital Citizenship Skills in a Future Ready Classroom.

Waverly has also established a relationship with the Instructional Technology faculty at State University at Binghamton which offers innovative and unique opportunities to explore new technologies.

Finally, the administration at Waverly and the district technology plan is committed to prioritize curriculum development funds for groups of teachers wishing to update their curriculum to integrate new technology and individualized learning.

Inservice for support staff will be in two areas. The first will be an effort to include more of the classroom support staff in School Tool utilization. These individuals are frequently supporting student achievement outside of the traditional instructional realm. We are making an effort to expand the integration of these staff in instruction. Support staff such as our Media Specialists will integrate with the classroom teachers to support "project based instruction." Hall monitors and study hall supervisors will also have access to schedules to keep the student on task.

Finally, the wireless system will reduce the dependence on paper for our maintenance staff. Using their personal devices, they can check work assignments, update task completion, and communicate directly with building administrators allowing them to work more efficiently.

- 9. Districts must contact the SUNY/CUNY teacher preparation program that supplies the largest number of the district's new teachers to request advice on innovative uses and best practices at the intersection of pedagogy and educational technology.

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

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

SUNY BInghamton

- 9b. Enter the primary Institution phone number.

607 777 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 Erin Machan Howd

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

Are there nonpublic schools within your school district?

- Yes
- No

**Smart Schools Investment Plan - Preliminary**

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**11. Nonpublic Classroom Technology Loan Calculator**

The Smart Schools Bond Act provides that any Classroom Learning Technology purchases made using Smart Schools funds shall be lent, upon request, to nonpublic schools in the district. However, no school district shall be required to loan technology in amounts greater than the total obtained and spent on technology pursuant to the Smart Schools Bond Act and the value of such loan may not exceed the total of \$250 multiplied by the nonpublic school enrollment in the base year at the time of enactment.

See:

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

	1. Classroom Technology Sub-allocation	2. Public Enrollment (2014-15)	3. Nonpublic Enrollment (2014-15)	4. Sum of Public and Nonpublic Enrollment	5. Total Per Pupil Sub-allocation	6. Total Nonpublic Loan Amount
Calculated Nonpublic Loan Amount	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)

**12. To ensure the sustainability of technology purchases made with Smart Schools funds, districts must demonstrate a long-term plan to maintain and replace technology purchases supported by Smart Schools Bond Act funds. This sustainability plan shall demonstrate a district's capacity to support recurring costs of use that are ineligible for Smart Schools Bond Act funding such as device maintenance, technical support, Internet and wireless fees, maintenance of hotspots, staff professional development, building maintenance and the replacement of incidental items. Further, such a sustainability plan shall include a long-term plan for the replacement of purchased devices and equipment at the end of their useful life with other funding sources.**

By checking this box, you certify that the district has a sustainability plan as described above.

**13. Districts must ensure that devices purchased with Smart Schools Bond funds will be distributed, prepared for use, maintained and supported appropriately. Districts must maintain detailed device inventories in accordance with generally accepted accounting principles.**

By checking this box, you certify that the district has a distribution and inventory management plan and system in place.

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

Note that the calculated Total at the bottom of the table must equal the Total allocation for this category that you entered in the SSIP Overview overall budget.

	Sub-Allocation
Interactive Whiteboards	39,754
Computer Servers	0
Desktop Computers	33,852
Laptop Computers	138,400
Tablet Computers	13,740
Other Costs	59,939
<b>Totals:</b>	<b>285,685</b>

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Classroom Learning Technology

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

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

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

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

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be Purchased	Quantity	Cost per Item	Total Cost
Interactive Whiteboards	Smart Board 600 85	26	1,529	39,754
Desktop Computers	Dell 7440 All in One	39	868	33,852
Laptop Computers	Dell E5470	200	692	138,400
Tablet Computers	ENook 9.6Tablets	60	229	13,740
Other Costs	Cisco MX 300 Distrance Learning Stations	2	15,995	31,990
Other Costs	Redcat Class room Audio System	10	1,319	13,190
Other Costs	3D Modeling Printer 3D Systems CubePro Trio	1	3,399	3,399
Other Costs	Laptop Mobile Carts PC Anywhere Carts AC-Slim	8	1,420	11,360

# Smart Schools Investment Plan - Preliminary

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 pre-kindergarten classrooms will contain a minimum of 900 square feet per classroom;
- The number of classrooms involved;
- The approximate construction costs per classroom; and
- Confirmation that the space is district-owned or has a long-term lease that exceeds the probable useful life of the improvements.

(No Response)

3. Smart Schools Bond Act funds may only be used for capital construction costs. Describe the type and amount of additional funds that will be required to support ineligible ongoing costs (e.g. instruction, supplies) associated with any additional pre-kindergarten classrooms that the district plans to add.

(No Response)

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

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

Project Number
(No Response)

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

	Sub-Allocation
Construct Pre-K Classrooms	(No Response)
Enhance/Modernize Educational Facilities	(No Response)
Other Costs	(No Response)
<b>Totals:</b>	<b>0</b>

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

Smart Schools Investment Plan - Preliminary

Pre-Kindergarten Classrooms

Page Last Modified: 01/15/2016

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

## Smart Schools Investment Plan - Preliminary

Replace Transportable Classrooms

Page Last Modified: 01/15/2016

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. 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)
<b>Totals:</b>	<b>0</b>

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

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



# Smart Schools Investment Plan - Preliminary

High-Tech Security Features

Page Last Modified: 07/06/2016

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. 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
60-01-01-06-0-018-016
60-01-01-06-0-009-010
60-01-01-06-0-016-011
60-01-01-06-0-001-014

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
Dan Whelan	184561

5. If you have made an allocation for High-Tech Security Features, complete this table. Note that the calculated Total at the bottom of the table must equal the Total allocation for this category that you entered in the SSIP Overview overall budget.

	Sub-Allocation
Capital-Intensive Security Project (Standard Review)	(No Response)
Electronic Security System	(No Response)
Entry Control System	(No Response)
Approved Door Hardening Project	(No Response)
Other Costs	(No Response)
<b>Totals:</b>	<b>0</b>

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

Smart Schools Investment Plan - Preliminary

High-Tech Security Features

Page Last Modified: 07/06/2016

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

**Smart Schools Investment Plan - Preliminary**

Report

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