PATCHOGUE-MEDFORD UFSD

Smart Schools Investment Plan

SSIP Overview

Page Last Modified: 06/06/2016

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

Craig Sperzel

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

631-687-6417

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

csperzel@pmschools.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 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.

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Smart Schools Investment Plan

SSIP Overview

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5a. Please upload the proposed Smart Schools Investment Plan (SSIP) that was posted on the district's website. 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.

SSIP PMSD - Final Plan - 1st Submission - January 2016.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.

8,453

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:

$6,047,604

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	373,942
Connectivity Projects for Communities	0
Classroom Technology	1,666,800
Pre-Kindergarten Classrooms	0
Replace Transportable Classrooms	0
High-Tech Security Features	0
Totals:	2,040,742.00

Smart Schools Investment Plan

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.

In the summer of 2015, the Patchogue-Medford School District increased the Internet bandwidth from 150 Mbps, to 400 Mbps. The bandwidth upgrade has substantially improved performance in use of web based technologies that are currently utilized in the district. The district has recently upgraded Internet Bandwidth and Connectivity to meet the requirements of 800Mbps, which has been activated since early February 2016.

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	7,803	780,300	780.3	800	800	currently met

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

As part of the first submission of the Smart Schools Investment Plan, the district plans to utilize funds for the upgrade of network infrastructure equipment at the Patchogue-Medford High School. The upgrade of network switches across all data closets will provide improved data communications within the High School network, thus improving the performance of server and cloud based instructional software and device functionality.

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4. Briefly 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 Patchogue-Medford School District is focused on providing an expansive range of instructional technology devices and equipment that foster a content rich learning environment for our diverse student population. Improving student accessibility to instructional technologies is paramount and improving our network infrastructure will provide the opportunity for students to access various server and web based instructional applications that will be made accessible by the devices that are available in our classrooms, computer labs and libraries.

The district offers a wide range of instructional software that focus on digital literacy, reading, writing, digital assessment components, test preparation, as well as additional software to compliment other content areas. We continue to evaluate our software needs to ensure accessibility from both school and at home, and also to further support the growing linguistic needs and academic diversity. It is important that we continue to expand and upgrade our network infrastructure to accommodate the growing demands of the district's software applications, while maximizing the productivity of classroom and computer lab devices.

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

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

In recent years, the Patchogue-Medford School District has implemented a robust Cisco wireless infrastructure, comprised of dual Cisco 5500 Controllers and two hundred and fifty 802.11n Access Points, equally distributing wireless coverage across 11 school buildings. The current solution has provided adequate wireless coverage and connectivity of staff, teacher, student laptops and other wireless devices throughout the district. It is the intention of the District for the current school year, to purchase additional wireless access points to provide increased coverage and throughput to the Library Media Centers. This will allow for the re-purposing of existing library Wireless Access Points to improve coverage in areas that have been identified with low wireless signals.

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.

Project Number
58-02-24-03-0-015-SB1
(No Response)

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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Name	License Number
Roger P. Smith, A.I.A	165141
(No Response)	(No Response)

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	0
Outside Plant Costs	0
School Internal Connections and Components	301,992
Professional Services	49,950
Testing	0
Other Upfront Costs	0
Other Costs	22,000
Totals:	373,942.00

10. **To the extent possible, please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category.**

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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
Connections/Components	APC 2-Post Mounting Kit	12	149	1,788
Connections/Components	Catalyst 2960-X FlexStack Plus Stacking Module	48	657	31,548
Connections/Components	Cisco Catalyst 3650 Stack Module	2	907	1,815
Connections/Components	Catalyst 6800 32 Port 10GE with integrated dual DFc4	1	19,250	19,250
Connections/Components	Tripp Lite Fiber Optic Mode Conditioning Patch Cable - (SC/LC), 1M (3-ft.)	42	65	2,730
Professional Services	Enterprise Network Consultant (per hour)	270	185	49,950
Connections/Components	250W AC Config 2 Secondary Power Supply	2	247	495
Connections/Components	10GBASE-LRM SFP Module	42	547	22,984
Connections/Components	10GBASE-CU SFP+ Cable 5 Meter	6	82	495
Connections/Components	APC Smart-UPS 1000VA LCD RM 2U 120V	12	525	6,300
Connections/Components	Catalyst 2960-X 48 GigE PoE 740W, 2 x 10G SFP+, LAN Base	22	4,397	96,739
Connections/Components	Catalyst 2960-X 48 GigE PoE 740W, 4 x 1G SFP, LAN Base	26	3,627	94,308
Connections/Components	Cisco Catalyst 3650 48 Port Data 2x10G Uplink IP Services	2	9,020	18,040
Connections/Components	Cat6500 6000W AC Power Supply	2	2,750	5,500
Other Costs	Associated Architect fees and project contingency costs	(No Response)	(No Response)	22,000

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

(No Response)

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

(No Response)

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

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

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

(No Response)

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

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

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

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

7. To the extent possible, 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)	(No Response)

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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.

In the summer of 2015, the Patchogue-Medford School District increased the Internet bandwidth from 150 Mbps, to 400 Mbps. The bandwidth upgrade has substantially improved performance in use of web based technologies that are currently utilized in the district. The district has recently upgraded Internet Bandwidth and Connectivity to meet the requirements of 800Mbps, which has been activated since early February 2016.

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	7,803	780,300	780.3	800	800	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.

In recent years, the Patchogue-Medford School District has implemented a robust Cisco wireless infrastructure, comprised of dual Cisco 5500 Controllers and two hundred and fifty 802.11n Access Points, equally distributing wireless coverage across 11 school buildings. The current solution has provided adequate wireless coverage and connectivity of staff, teacher, student laptops and other wireless devices throughout the district. It is the intention of the District for the current school year, to purchase additional wireless access points to provide increased coverage and throughput to the Library Media Centers. This will allow for the re-purposing of existing library Wireless Access Points to improve coverage in areas that have been identified with low wireless signals.

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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 district intends on purchasing a range of computer devices to compliment the current and future instructional programs and applications. Currently, classrooms utilize desktop computers for both small group instruction, as well as stations for rotating the use of technology for the suite of scholastic applications. In collaboration with the Technology Committee, the district has developed a technology replacement cycle to ensure our computer hardware meets the minimum system requirements of the server based and cloud based applications currently in use. In addition to student devices, we also have included the replenishment of teacher MacBook's which provide a means for presenting various forms of curriculum and classroom content. The wide range of digital curriculum is requiring additional memory and processing power, in addition to updated web browsers to ensure full functionality of the web based curriculum content. Replacement of the teacher Mac Books will ensure we can fully utilize the current district software to its fullest potential, also by delivering content through our existing Polyvision Eno Boards and short throw projectors.
Previous district initiatives and funding have ensured that classrooms and instructional spaces are retrofitted with adequate electrical supply to accommodate the replacement and addition of classroom technologies. Electrical outlets have been added in areas where student workstations would be placed, as well as data and electric at the teacher station within each classroom. In most cases, the devices in this plan will be replacing the existing equipment, which currently has adequate electric. The addition of mobile laptop carts in the elementary libraries will require minimal electric for the charging carts and is currently available in these locations. Additional electrical requirements will be evaluated as needed.
The district currently utilizes short throw projectors in correspondence with mounted interactive Eno boards. Due to frequent teacher use and the expiration of extended warranties, the district has identified the need to replace current and anticipated projector failures in order to effectively utilize the interactive whiteboards. The replacement of such projectors has been indicated in the list of expenditures with the Classroom Learning Technologies, item #15.

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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 the first submission of the Smart Schools Investment plan, it is our intention to acquire classroom technologies and devices as identified in our Technology Replacement Plan, specifically classroom computers, computer labs, library laptops and Teacher laptops. The replacement of Teacher laptops will continue to provide a medium for delivering instructional content in the form of digital media, cloud based digital curriculum, teacher created lessons and various forms of presentations. The universal access of laptops by teachers has provided a means for communication with colleagues, administrators and parents, while also allowing the creation of individualized learning content for their students and classrooms. The laptops are a resource for delivering mixed media presentations and providing classroom content through the use of interactive whiteboard lessons, teacher websites, and interactive voting devices that can provide immediate student feedback and assessments.

The district caters to the needs of students with disabilities by providing a range of classroom and assistive technologies that currently include tablet devices, student laptops, classroom computers, testing centers and various software applications. The classroom learning technologies included in the first submission of the Smart Schools Investment plan will further provide resources to students with disabilities by way of classroom computers and computer labs that provide access to assistive software applications. Some of the current applications that will be available, include Don Johnston's Solo Suite, Kurzweil, Bookshare, and many web based and specialized applications that cater to the individual needs of students. Additionally, the replacement of Teacher MacBook's will ensure that district staff technologies are meeting the growing requirements of currently used instructional software that are utilized daily by all students in the district.

In addition to acquiring Teacher MacBook's, the first submission of the Smart Schools investment plan will include the addition of mobile laptop carts for the Elementary Libraries and the replenishment of classroom and computer lab devices that are critical to daily instructional programs. The library laptops will serve as additional computer labs to the Elementary schools, offering availability to all students in the building to a range of instructional content and digital curriculum. Whereby the classroom and lab computers will serve as small and large group learning centers, providing access to a range of instructional content for reading, writing, digital assessment, test preparation, digital literacy, STEM and Media Arts software. The replacement of computers and addition of elementary library mobile labs will also provide improved student Internet Access and will improve the student-computer ratio in preparation of Computer Based Testing.

The infusion of technology in the instruction of English language learners (ELLs) enhances instruction, student motivation, and confidence. Technology allows students access to instruction via graphics, video and audio. The implementation of a multi-media approach provides students with the background knowledge they need to understand new learning thus bridging the students' language acquisition. Furthermore, when students' language production is not commensurate with their receptive vocabulary and content knowledge, students can demonstrate their understanding via the use of a variety of software applications (iMovie, photostory, Prezi, Powerpoint, Glogster, Youtube…) to express themselves both with visuals and in writing. The acquisition of various technologies and devices as part of the Smart Schools Investment plan will aid in providing access by students to the various resources and software listed above.

The district will continue to utilize software such as AIMSweb and Scholastic at the K-5 levels to aid in the reduction of the reading and Lexile level learning gaps that have been identified in the district. The devices that will be acquired in the first submission of the investment plan will lend to the teacher's ability to evaluate and adjust learning methods based on the assessments and performance of the student. The classroom and lab devices will provide student's accessibility to computers for digital assessments, as well as leveled learning software that will individualize content based on student needs.

As mentioned above, the district plans to purchase a class set of student laptops for the Elementary School Libraries. As a means to store and charge the laptops, the district will purchase mobile device carts which will properly secure and charge the laptops when not in use by students.

7. Where appropriate, briefly 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 replacement of outdated teacher MacBook's will greatly benefit the means of teacher parent communication by way of posting content to the student information management systems parent portal, as well as communications methods such as email and classroom websites. The teacher's accessibility to a laptop computer at any time enhances their ability to communicate with parents and students, as well as collaborate with administrators and colleagues.

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."

Currently, the district utilizes numerous professional development days provided by the Model Schools department of Eastern Suffolk BOCES. These training days are utilized during Superintendent Conference days to further the knowledge of instructional technologies, as well as provide guidance and awareness of new technology tools to the instructional staff. We are further allocating many professional development days to the Library Media Specialists on various topics, so that they can turn-key train teachers and serve as a valuable resource with knowledge of classroom technologies. In addition to the use of Model School's training days, we currently staff a Technology Integration Teacher who conducts training sessions and works closely with teachers to elevate their knowledge with respect to the use of existing and new classroom technologies, specifically to the content that may be presented by teachers using their Mac Books. The District is continuing to utilize other technology staff and the Administrative Assistant to Instructional services to further conduct trainings to Administrators and teachers on the use of Office 365 and related communication and collaboration software. Many of the sessions provided will be in a format of group sessions with a maximum of 30 attendees, in addition to occasional small group or one to one trainings as necessary.
In accordance with the technologies that we are purchasing using the Smart Schools Funds, we will further schedule professional development on topics that align with the planned purchases. Given many of the purchases will be in the form of devices and classroom technologies, we will focus on many of our existing district software applications, including but not limited to, Castle Learning, Learning.com, Discovery Education, Scholastic applications, various digital curriculum resources, Office 365 and other collaboration tools, as well as cloud based presentation tools, digital assessments tools and digital citizenship. Additional professional development may also be scheduled to cover other topics including the eSchool Data Student Management System, AIMSweb and Right Reason technologies.

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.

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

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10a. Describe your plan to loan purchased hardware to nonpublic schools within your district. The plan should use your district's nonpublic per-student loan amount calculated below, within the framework of the guidance. Please enter the date by which nonpublic schools must request classroom technology items. Also, specify in your response the devices that the nonpublic schools have requested, as well as in the in the Budget and the Expenditure Table at the end of the page.

The district has consulted with representatives of the non-public schools to identify a plan for the loan of purchased technologies to such schools within district boundaries. As per Smart Schools Bond Act Guidelines, the final amount available to Non-Public schools has been determined through the completion of our initial submission of the Smart Schools Investment Plan, thus denoting the amount of funds that will be allocated towards classroom learning technologies. Subsequent plan submissions will indicate any additional funds that will be allocated to Non Public schools within the allowable amount. See calculations below.
Regarding the loan of equipment to Non-Public Schools, the district will accept documentation from the Non-Public schools, detailing the request for classroom learning technologies that will be made available for loan, once the hardware has been purchased. The district will accept a request from Non-Public schools, no later than June 1st of the school year, stating the details for the type of equipment, specified quantities, and any additional information that will be helpful to the loan of the allowable technologies.
Upon receipt of the request from the Non-Public schools, the Patchogue-Medford School District will contact the Non-Public School within 30 days of the request to collaborate with school officials regarding the purchase of classroom learning technologies. Further determining a detailed implementation plan and reasonable timeline for the deployment of requested equipment.
The district has further engaged in conversations with the Non-Public schools to better understand the forthcoming request for classroom learning technologies that will be acquired through the allotted funds. At this time, the Non-Public schools are developing their plans to identify the quantities, cost and specifications of the requested equipment, based on the allocations that were determined through our calculations, noted below. It is anticipated that the Non-Public schools will be utilizing the full allocation of funds that have been calculated through the first submission of the Smart Schools Investment Plan.
Enrollment for Holy Angels is 270
Enrollment for Emmanuel Lutheran is 67

10b. A final Smart Schools Investment Plan cannot be approved until school authorities have adopted regulations specifying the date by which requests from nonpublic schools for the purchase and loan of Smart Schools Bond Act classroom technology must be received by the district.

☑ By checking this box, you certify that you have such a plan and associated regulations in place that have been made public.

11. Nonpublic Classroom Technology Loan Calculator

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

See:

http://www.p12.nysed.gov/mgtserv/smart_schools/docs/Smart_Schools_Bond_Act_Guidance_04.27.15_Final.pdf.

	1. Classroom Technology Sub-allocation	2. Public Enrollment (2014-15)	3. Nonpublic Enrollment (2014-15)	4. Sum of Public and Nonpublic Enrollment	5. Total Per Pupil Sub-allocation	6. Total Nonpublic Loan Amount
Calculated Nonpublic Loan Amount	1,666,800	7,803	337	8,140	205	69,085

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

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

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

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

14. If you are submitting an allocation for Classroom Learning Technology complete this table.
Note that the calculated Total at the bottom of the table must equal the Total allocation for this category that you entered in the SSIP Overview overall budget.

	Sub-Allocation
Interactive Whiteboards	0
Computer Servers	0
Desktop Computers	495,240
Laptop Computers	1,056,375
Tablet Computers	0
Other Costs	115,185
Totals:	1,666,800.00

15. To the extent possible, 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
Desktop Computers	iMac Desktop	180	1,368	246,240
Desktop Computers	PC Desktop	415	600	249,000
Laptop Computers	Mac Books	615	1,325	814,875
Laptop Computers	PC Laptops (Elm. Library)	280	862	241,500
Other Costs	Replacement Epson Projectors	30	1,000	30,000
Other Costs	Non Public School Allocations	(No Response)	(No Response)	69,085
Other Costs	Mobile Device Carts (Elm. Library)	7	2,300	16,100

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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.

Project Number
(No Response)

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

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

6. To the extent possible, 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)	(No Response)

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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.

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)
Totals:	

5. To the extent possible, 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)	(No Response)

PATCHOGUE-MEDFORD UFSD

Smart Schools Investment Plan

High-Tech Security Features

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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. Districts that plan capital projects using their Smart Schools Bond Act funds will undergo a Preliminary Review Process 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. 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)
Totals:	

6. To the extent possible, 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)	(No Response)