

## Smart Schools Investment Plan - Smart Investment Plan 1

## SSIP Overview

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**Group 1**

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

Jordan F. Cox

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

631-754-5320, ext.325

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

coxj@harborfieldscsd.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.

SMART SCHOOL BOND ACT.pdf

- 5b. 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.

[http://www.harborfieldscsd.net/Assets/District\\_Documents/050917\\_SMART\\_SCHOOL\\_BOND\\_ACT.pdf?t=636299456299170000](http://www.harborfieldscsd.net/Assets/District_Documents/050917_SMART_SCHOOL_BOND_ACT.pdf?t=636299456299170000)

- 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.

3,818

- 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:

\$1,322,218

- 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	395,176
Connectivity Projects for Communities	0
Classroom Technology	0
Pre-Kindergarten Classrooms	0
Replace Transportable Classrooms	0
High-Tech Security Features	0
<b>Totals:</b>	<b>395,176</b>

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School Connectivity

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**Group 1**

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.**

During the summer of 2014, Harborfields Central School District installed Wi-Fi throughout the District in all four (4) school buildings. With the increased number of wireless devices, Harborfields School District plans on meeting the Federal Communications Commission’s 100 Mbps per 1,000 students. On May 1, 2017, we have replaced the filter and firewall to allow for an increase in bandwidth from 100mbps to 500mbps. On April 25, 2017, Harborfields signed a service agreement with Lightpath (internet provider) to increase to 500mbps. Lightpath has an appointment on Monday, May 15, 2017 to replace the router in the district and subsequently increase the bandwidth to 500mbps. Harborfields is expected to be at 500 mbps by May 25, 2017

- 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	3,300	330,000	330	100	500	05/25/17

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

Harborfields Central School District plans on utilizing the Smart Schools Bond Act funds to replace outdated equipment to support high-speed bandwidth. In addition, the District will also utilize Smart Schools Bond Act Funds to centralize and virtualize all servers, with a redundant virtualized solution at an alternate location.

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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?")

There are teaching and learning implications when choosing a wireless access in a learning environment. A wireless-school is fundamentally a different learning environment than a wired school. In many schools, the only place where students have access to the internet – and the learning resources available there – is in a computer lab. WiFi enables new educational practices to emerge because access to the internet becomes ubiquitous – a given. When access to unlimited resources becomes available anytime, anywhere instantaneously, educators begin to use those resources differently. Harborfields School District installed WiFi throughout the district during the summer of 2014. Harborfields devices such as Chrome Books and laptops are now connected through WiFi which enables instantaneous communication between students and students, and students and teachers. With the proposed project, updating our aging infrastructure will allow us to increase our bandwidth as well as increase the number of devices connecting to the WiFi in place.

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 summer of 2014, Harborfields Central School District installed WiFi throughout the District in all four (4) school buildings. Furthermore, Harborfields feels that we have quantified this demand by placing a wireless access point in every classroom at the High School and Middle School. In the two elementary school buildings, wireless access points were placed in every other classroom. With the increased number of wireless devices and the access points in place to support these devices, Harborfields School District would like to meet the Federal Communications Commission's 100 Mbps per 1,000 students. With our current infrastructure, we have a speed of 100 Mbps to the internet. With a current enrollment of approximately 3300 students in 2015 – 2016 and decreasing to 3200 students in 2016 – 2017, Harborfields Central School District fully intends to increase to 500 Mbps within the twelve (12) month submission of the Smart Schools Investment Plan.

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
58-04-06-06-7-999-BA1

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

Was your project deemed eligible for streamlined review?

Yes

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

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

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

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Name	License Number
Roger P. Smith	165141

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	282,264
Outside Plant Costs	0
School Internal Connections and Components	91,372
Professional Services	18,820
Testing	2,720
Other Upfront Costs	0
Other Costs	0
<b>Totals:</b>	<b>395,176</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.

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## School Connectivity

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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
Network/Access Costs	6900 Series Switch ALC-6900X20F-k12-us OS6900-X20 K12 Education bundle includes one OS6900-X20-US with US power cord, OS6900-SW-AR Advanced Routing license and SFP-10G-C1M	4	6,390	25,560
Network/Access Costs	6900 Series Switch ALC-OS6900-BP-F OS6900-BP-F: Modular AC backup power supply. Front to back cooling. Provides backup system power to one 6900 switch. Ships with country specific power	4	398	1,592
Connections/Components	6900 Series Switch ALC-OS-HNI-U6 056900 2X40G QSFP+ 4X10G PLUG-IN MODULE	4	1,800	7,200
Connections/Components	6900 Series Switch ALC -QSFP-40G-C 1 M QSFP+ 40G 1 METER DIRECT	4	180	720
Network/Access Costs	6860 Series Switch ALC -OS6860-P48 OS6860-P48: Gigabit Ethernet L3 fixed configuration chassis in a 1U form factor with 48 RJ-45 10/100/1000 BaseT PoE+ ports, 4 fixed SFP+(1G/10G) port	2	3,638	7,276
Network/Access Costs	6860 Series Switch ALC-OS6860-BP-PX OS6860-BP-PX modular 920W AC PoE backup power supply. Provides system and PoE backup power to one PoE 056860 or OS6860E switch.	2	598	1,196
Network/Access Costs	6860 Series Switch ALC -056860-48 056860-48: Gigabit Ethernet L3 fixed configuration chassis in a 1U form factor with 48 RJ-45 10/100/1000 BaseT ports, 4 fixed SFP+ (1G/10G) ports, USB	3	3,078	9,234
Network/Access Costs	6860 Series Switch ALC-OS6860-BP OS6860-BP modular 150W AC backup power supply. Provides backup power to one non-PoE 056860 or OS6860E switch.	3	198	594
Network/Access Costs	6860 Series Switch ALC-OS6860-SW-AR OS6860-SW-AR: Advanced routing software license. Includes support for VRF, IPv4 routing protocols BGP,	5	40	200

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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
	OSPFv2, PIMSM/DM, DVMRP.			
Connections/Components	6860 Series Switch ALC -OS6860-CBL-40 056860 20 Gigabit direct attached stacking copper cable (40 cm, QSFP+)	4	140	560
Connections/Components	6860 Series Switch ALC-OS6860-CBL-I00 056860 20 Gigabit direct attached stacking copper cable (1m, QSFP+)	1	180	180
Network/Access Costs	6450 Series Switch ALC-6450P48-K12-US OS6450-P48 K12 Education bundle includes one OS6450-P48-US with US power cord, OS6450-XNI-U2 stacking module, OS6450-CBL-60 stacking cable	39	1,724	67,236
Network/Access Costs	6450 Series Switch ALC-6450P24-K12-US OS6450-P24 K12 Education bundle includes one OS6450-P24-US with US power cord, OS6450-XNI-U2 stacking module, OS6450-CBL-60 stacking cable	2	976	1,952
Network/Access Costs	6450 Series Switch alc-OS6450-48 056450-48: Gigabit Ethernet chassis in a 1U form factor with 48 10/100/1000 BaseT ports, 2 fixed SFP+ (IG/I0G*) ports and one expansion slot	23	1,160	26,680
Connections/Components	6450 Series Switch ALC-OS6450-XNI-U2 Optional 10 Gigabit SFP+ stacking module. Supports 2xSFP+ 10 Gigabit ports. Inserts into the 6450 expansion slot at the rear of the 056450 chassis.	23	200	4,600
Connections/Components	6450 Series Switch alc-OS6450S-CBL-60 056450 60 centimeters long SFP+ direct stacking cable for 056450 24 and 48 port models	12	60	720
Connections/Components	6450 Series Switch ALC-OS6450S-CBL-I 1M meters long SFP+ direct stacking M cable for 056450 24 and 48 port models	10	60	600
Network/Access Costs	ALC-OS6450-SW-PER 10G UPLINK LICENSE	39	680	26,520
Connections/Components	Optics ALC-SFP-I0G-LR 10G-LR SFP+ TRANSCEIVER	60	760	45,600
Connections/Components	Optics ALC-SFP-GIG-T 1000Base- T	2	118	236

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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
	Gigabit Ethernet Transceiver (SFP MSA) - Supports category 5, 5E, and 6 copper cabling up to 100m.			
Connections/Components	Optics ALC-SFP-I0G-CIM SFP+ IOG COPPER CABLE, 1 METERS	4	60	240
Professional Services	Labor ALC-801268-00 Project Management	3	1,000	3,000
Professional Services	Labor-800190-00 (ALE Network) Staging and Configuration Service - Diagrams	2	1,360	2,720
Connections/Components	Labor-800190-00 (ALE Network) Staging and Configuration Service - Configuration Templating	4	1,360	5,440
Connections/Components	Labor-800190-00 (ALE Network) Staging and Configuration Service - Configuration Deployment	2	1,360	2,720
Connections/Components	Labor-801495-00 (Cabling/R&S) On-site Professional Services Support Service - Installation - Rack & Stack	9	1,200	10,800
Testing	Labor-800190-00 (ALE Network) Staging and Configuration Service - Acceptance Testing	2	1,360	2,720
Connections/Components	Labor-800190-00 (ALE Network) Staging and Configuration Service - Diagrams, Documentation, Close-Out Materials	1	1,360	1,360
Network/Access Costs	BSF400a Barracuda Email Security Gateway 400	1	3,249	3,249
Network/Access Costs	BSF400a-h1 Barracuda Email Security Gateway 400 1 Year IR	1	786	786
Network/Access Costs	BYF610a Barracuda Web Security Gateway 610	1	7,312	7,312
Network/Access Costs	BYF610a-h1 Barracuda Web Security Gateway 610 1 Year IR	1	1,746	1,746
Network/Access Costs	ASA5525-K9 ASA 5525-X 8GBE DATA 1GBE MANAGEMENT AC 3DES/AES WITH SW	1	5,682	5,682
Network/Access Costs	Aruba Mobility Controller 7210-US Aruba 7210 Mobility Controller with 4x 10GBase-x (SFP/SFP+) and 2x dual media (10/100/1000BASE-T or SFP)	1	6,629	6,629



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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
	ports. Includes one 350W AC power supply.			
Network/Access Costs	Aruba Mobility Controller PSU-350-AC 350W AC Power Supply. May be used as a redundant power supply or field-replaceable spare for 7200 Series, S3500-24T, S3500-48T and S3500-24F. Power cord not included- order country -specific (PC-AC-xx) power cord below.	1	194	194
Network/Access Costs	Dell PowerEdge R730 Server 210-ACXU PowerEdge R730 Server (210-ACXU)	3	10,254	30,762
Network/Access Costs	Dell EqualLogic PS6210X 210-ABPH EqualLogic PS6210X, Mainstream Performance 10K SAS 2.5	1	39,411	39,411
Network/Access Costs	Dell Backup Solution 210-ADBC PowerEdge R730xd Server (210-ADBC)	1	18,453	18,453
Connections/Components	ALC-SFP-10G-LR 10 Gigabit optical transceiver (SFP+). Supports monomode fiber over 1310nm wavelength (nominal) with an LC connector.	8	760	6,080
Connections/Components	ALC-SFP-GIG-T 1000 Base-T Gigabit Ethernet Transceiver (SFP MSA) - Supports category 5, 5E, and 6 copper cabling up to 100m.	2	118	236
Connections/Components	Labor-800 190-00 (ALE Network) Staging and Configuration Service	3	1,360	4,080
Professional Services	Labor-80 1268-00 Project Management Service. This service provides Alcatel-Lucent Professional Services project management for network-related projects.	1	400	400
Professional Services	Architect Fee to review the proposed product and proposed method of installation	1	12,700	12,700

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Community Connectivity (Broadband and Wireless)

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**Group 1**

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.

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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)

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Classroom Learning Technology

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**Questions**

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.

(No Response)

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	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(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.

(No Response)

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

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

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

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## Classroom Learning Technology

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

(No Response)

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?")

(No Response)

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.

(No Response)

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."

(No Response)

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.

(No Response)

- 9b. Enter the primary Institution phone number.

(No Response)

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Classroom Learning Technology

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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.

(No Response)

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

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.

Smart Schools Investment Plan - Smart Investment Plan 1

Classroom Learning Technology

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	Sub-Allocation
Interactive Whiteboards	(No Response)
Computer Servers	(No Response)
Desktop Computers	(No Response)
Laptop Computers	(No Response)
Tablet Computers	(No Response)
Other Costs	(No Response)
<b>Totals:</b>	<b>0</b>

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
(No Response)	(No Response)	(No Response)	(No Response)	(No Response)

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Pre-Kindergarten Classrooms

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**Group 1**

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.



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Pre-Kindergarten Classrooms

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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)

Smart Schools Investment Plan - Smart Investment Plan 1

Replace Transportable Classrooms

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**Group 1**

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 - Smart Investment Plan 1

High-Tech Security Features

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**Group 1**

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
(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)
<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.

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 - Smart Investment Plan 1**

High-Tech Security Features

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Report

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Smart Schools Investment Plan - Smart Investment Plan 1

PPU Report

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