Smart Schools Investment Plan - 2016-17 Version (Original) - Middletown Classrooms

SSIP Overview

Page Last Modified: 09/19/2017

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

Michael Tuttle

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

845 326 1195

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

michael.tuttle@ecsdm.org

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

First submission

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

☑ District Educational Technology Plan Submitted to SED and Approved

4. Pursuant to the requirements of the Smart Schools Bond Act, the planning process must include consultation with parents, teachers, students, community members, other stakeholders and any nonpublic schools located in the district.
By checking the boxes below, you are certifying that you have engaged with those required stakeholders. Each box must be checked prior to submitting your Smart Schools Investment Plan.

☑ Parents
☑ Teachers
☑ Students
☑ Community members

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.

Page Last Modified: 09/19/2017

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 and Comment Link.pdf
Middletown Smart Schools Bond Comment Web Link.docx

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.middletowncityschools.org/Domain/77

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.

8,499

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:

$6,897,920

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	2,886,267
Connectivity Projects for Communities	0
Classroom Technology	3,491,396
Pre-Kindergarten Classrooms	0
Replace Transportable Classrooms	0
High-Tech Security Features	0
Totals:	**6,377,663**

Page Last Modified: 09/19/2017

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.

Currently, Middletown City Schools is using a 10 gig Internet connection. Based on the FCC's student standard we exceed the required amount of bandwidth (FCC requires 700 Mbps). Also, the bandwidth between buildings and data closets are currently 10 gig links. We are looking to upgrade the current environment to 40 gig backbone with the Smart Bond.

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	7,199	719,900	719.9	10000	(No Response)	(No Response)

Page Last Modified: 09/19/2017

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

Smart Schools Bond Act funds for high-speed broadband and/or wireless connectivity projects in school buildings.
1) Upgrade Cisco wireless controllers from 8 gig backbone to 40 gig backbone along with the core management software applications required to operate the Cisco hardware components.
2) Upgrade current network WAN and LAN from 10 gig to 40 gig backbone. This will require network switch upgrades and optical components. We will leverage the current fiber infrastructure to achieve this.
3) Replace uninterrupted power supplies (UPS) in all data closets. This will ensure that network gear is protected from electrical outages.
4) In-Kind network cable replacement at the High School. This includes replacing fiber and category 5e copper drops where necessary.
*** Please note the District is using E-Rate funds to replace 800 and add an additional 260 - 802.11ac Wave 2 Wireless Access Points.

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?)

To meet the district goals, the school connectivity project will ensure that network and internet access is available to all classrooms and buildings with a 100% runtime. The upgrade to network switches and UPS's will ensure bandwidth to accommodate the demand for cloud based applications such as iReady, Ten marks, Achieve 3000, MyOn Reader, DreamBox, Lexia, Mastery Connect, NWEA, library resources, digital applications from Google, STEM and coding.

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.

Currently, the District has over 800 - 802.11ac Wireless Access Points. There is an access point in every classroom, library and instructional area. With SSIP funds the District plans to upgrade wireless access controller and network switch gear to handle increased bandwidth needs.. Using E-Rate funds the District plans to upgrade all 800 and add an additional 260 access points to Wave 2 technology. The District is fully committed to a wireless, mobile and cloud based environment.

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
44-10-00-01-0-002-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

Page Last Modified: 09/19/2017

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

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

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

Name	License Number
Walter P. Hauser	32614

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	1,900,289
Outside Plant Costs	0
School Internal Connections and Components	985,978
Professional Services	(No Response)
Testing	0
Other Upfront Costs	0
Other Costs	0
Totals:	**2,886,267**

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.
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.

Page Last Modified: 09/19/2017

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	2200VA Smart UPS	12	1,432	17,184
Network/Access Costs	2200VA Smart UPS warranty replacement	12	354	4,248
Network/Access Costs	2200VA battery pack	23	656	15,088
Network/Access Costs	2200VA battery pack warranty replacement	23	185	4,255
Network/Access Costs	5000VA Smart UPS	30	3,980	119,400
Network/Access Costs	5000VA Smart UPS warranty replacement	30	690	20,700
Network/Access Costs	5000VA battery pack	38	1,121	42,598
Network/Access Costs	5000VA battery pack warranty replacement	38	354	13,452
Network/Access Costs	8000VA Smart UPS	14	5,370	75,180
Network/Access Costs	8000VA Smart UPS warranty replacement	14	1,380	19,320
Network/Access Costs	8000VA battery pack	14	1,223	17,122
Network/Access Costs	8000VA battery pack warranty replacement	14	354	4,956
Connections/Components	RM PDU Basic 1U 208V 30A 4 208 C19 RCPTL	2	217	434
Connections/Components	RM PDU Basic 1U 30A 208V (10) C13 12 ft	2	217	434
Connections/Components	Cabinet jumper power cord	4	29	116
Connections/Components	power cord	10	33	330
Connections/Components	CAT 6, PLENUM, GREEN	225	591	132,975
Connections/Components	CAT 6 INSERT, ALMOND	750	9	6,750
Connections/Components	BLANKS / DUST COVERS	1,125	17	19,125
Connections/Components	4 PORT FACEPLATE	375	2	750
Connections/Components	2 PORT SURFACE MOUNT BOX, IVORY	100	3	300
Connections/Components	48 PORT PATCH PANEL, CAT 6	18	442	7,956
Connections/Components	CABLE SUPPORT BAR	18	14	252
Connections/Components	CAT 6 PATCH CABLE, 5FT. BLUE	300	10	3,000
Connections/Components	CAT 6 PATCH CABLE, 7FT. BLUE	300	11	3,300
Connections/Components	CAT 6 PATCH CABLE, 10FT. BLUE	300	12	3,600

Page Last Modified: 09/19/2017

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	CAT 6 PATCH CABLE, 15FT. BLUE	300	14	4,200
Connections/Components	CAT 6 PATCH CABLE, 20FT. BLUE	300	16	4,800
Connections/Components	Power Strip. 19 Inch, 8 Outlets. 20A w/surg	2	140	280
Connections/Components	WIRE MANAGEMENT VERTICAL.F & R	6	684	4,104
Connections/Components	WIRE MANAGEMENT HORIZONTAL.F & R 3.50	20	64	1,280
Connections/Components	12 Strand, SM, Plenum, Armored.	1,000	3	3,000
Connections/Components	FIBER GROUND STRAP	2	15	30
Connections/Components	CONNECTORS, SC, SM	24	15	360
Connections/Components	FIBER CABINET	1	214	214
Connections/Components	COUPLER PANELS, SC SM, 6 PORT	4	41	164
Connections/Components	FIBER PATCH CABLE. SC/SC, 2 METER. SM	4	46	184
Connections/Components	2 INCH SLEEVE	8	32	256
Connections/Components	4 INCH SLEEVE	8	64	512
Connections/Components	Black 18 lader rack	4	98	392
Connections/Components	Black 18 wall angle kit	8	26	208
Connections/Components	Black 18 rack mounting plate	2	33	66
Connections/Components	Black 18 cable radius drop cross bar	4	32	128
Connections/Components	Black 18 moveable/replacement cross bar	2	49	98
Connections/Components	Runway Elevation Kit, Black 4	2	35	70
Connections/Components	Butt Splice Kit	4	9	36
Connections/Components	Junction splice Kit	4	12	48
Connections/Components	Cable Retaining Post	40	22	880
Connections/Components	FIRESTOP	48	13	624
Connections/Components	GROUND STRAP FOR LADDER RACK	5	28	140
Connections/Components	GROUND BAR for TR	1	83	83
Connections/Components	GROUND WIRE	250	1	250
Connections/Components	GROUND LUG	4	2	8
Connections/Components	Installation of cables and its required components	2,763	113	312,219

Page Last Modified: 09/19/2017

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	AIR-CT8540-K9Cisco 8540 Wireless Controller with rack mouting kit	1	20,400	20,400
Network/Access Costs	SFP-10G-SR-S=10GBASE-SR SFP Module, Enterprise-Class	58	332	19,256
Network/Access Costs	WS-C3850-12X48U-LCisco Catalyst 3850 48 Port (12 mGig+36 Gig) UPoE LAN Base	58	6,735	390,630
Network/Access Costs	PWR-C1-1100WAC/21100W AC Config 1 Secondary Power Supply	58	969	56,202
Network/Access Costs	C3850-NM-2-10GCisco Catalyst 3850 2 x 10GE Network Module	34	1,275	43,350
Network/Access Costs	EDU-C3850-48U-LCisco Catalyst 3850 48 Port UPOE LAN Base for K12	36	5,814	209,304
Network/Access Costs	STACK-T1-1M=1M Type 1 Stacking Cable	40	102	4,080
Network/Access Costs	STACK-T1-3M=3M Type 1 Stacking Cable	5	153	765
Network/Access Costs	CAB-SPWR-30CM=Catalyst 3750X and 3850 Stack Power Cable 30 CM Spare	104	48	4,992
Network/Access Costs	SFP-10G-LR-S=10GBASE-LR SFP Module, Enterprise-Class	86	969	83,334
Network/Access Costs	C1-C6840-X-LE-40GCisco ONE Catalyst 6840-X-Chassis and 2x40G Standard Tables	5	28,050	140,250
Connections/Components	SFP-H10GB-CU1M=10GBASE-CU SFP+ Cable 1 Meter	4	51	204
Connections/Components	QSFP-40G-LR4-S=QSFP 40GBASE-LR4 Trnscvr Mod, LC, 10km, Enterprise-Class	2	5,559	11,118
Network/Access Costs	C1-N7710-B26S2E-RCisco ONE N7710 Bundle (Chassis,2xSUP2E,6xFAB2),No PowSup	1	86,700	86,700
Network/Access Costs	N77-F324-P2N77-F324-40G 2-pack Bundle for Chassis Config	1	33,150	33,150
Network/Access Costs	N77-F348XP-23Nexus 7700 F3-Series 48 Port 1/10GbE (SFP/SFP+)	2	22,400	44,800
Connections/Components	CAB-AC-20A-SG-US3N AMERICA TWIST LOCK, NEMA L6-20/Saf-D-	2	255	510

Page Last Modified: 09/19/2017

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
	Grid 250VAC 20A			
Network/Access Costs	N77-HV-3.5KWNexus 7700 - 3.5KW High Voltage Power Supply Module	2	1,785	3,570
Network/Access Costs	N2K-C2348TQ4FNexus 2348TQ with 4 Bidi or 2FET-40G and 8FET-10G	2	7,905	15,810
Connections/Components	SFP-10G-AOC2M=10GBASE Active Optical SFP+ Cable, 2M	4	107	428
Connections/Components	QSFP-H40G-AOC1M=40GBASE Active Optical Cable, 1m	4	434	1,736
Connections/Components	QSFP-H40G-AOC2M=40GBASE Active Optical Cable, 2m	8	434	3,472
Connections/Components	SFP-10G-AOC3M=10GBASE Active Optical SFP+ Cable, 3M	18	107	1,926
Network/Access Costs	C1-C6824-X-LE-40GCisco ONE Catalyst 6824-X-Chassis and 2x40G Standard Tables	2	23,460	46,920
Network/Access Costs	C6840-X-750W-ACPower Supply AC-750W	2	1,020	2,040
Network/Access Costs	QSFP-40G-LR4=QSFP 40GBASE-LR4 OTN Transceiver, LC, 10KM	10	7,647	76,470
Network/Access Costs	QSFP-H40G-AOC1M=40GBASE Active Optical Cable, 1m	4	434	1,736
Network/Access Costs	QSFP-H40G-AOC2M=40GBASE Active Optical Cable, 2m	8	434	3,472
Connections/Components	Console Cable 6ft with RJ45 and DB9F	3	17	51
Network/Access Costs	C240m 4 Cisco Servers	5	30,000	150,000
Connections/Components	Core Services-installation and configuration of network switches	1	193,082	193,082
Connections/Components	Core Services-installation and configuration of digital media equipment	1	122,190	122,190
Connections/Components	Sharp Installation Video Walls	1	64,795	64,795
Connections/Components	Sharp C805B Installation	1	6,250	6,250
Connections/Components	Core Services UPS installation	1	55,260	55,260
Connections/Components	EOS sound bar installation	22	500	11,000
Network/Access Costs	CEN-SWPOE-16-16-Port Managed POE switches	1	1,536	1,536

School Connectivity

Page Last Modified: 09/19/2017

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	SMT1000RM2U-Smart-UPS SMT1000RM2U 1000VA Rack-mountable UPS	1	494	494
Network/Access Costs	AP9630-APC UPS Network Management Card - SmartSlo	1	275	275
Network/Access Costs	AIR-CT8540-1K-K9-Cosco 8540 Wireless Controller Supporting 1000 APs-rack kit	1	107,250	107,250

Page Last Modified: 09/19/2017

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)
Totals:	**0**

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

Page Last Modified: 09/19/2017

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)

Page Last Modified: 09/19/2017

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.

As July 1, 2015, Middletown has a 10gig Internet connection and 10gig backbone to all data closets and between buildings. According the minimum speed requirement we exceed the 700 Mbps needed.

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	7,199	719,900	719.9	10000	(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.

As of September 1 2015, Middletown has 800 wireless access points. There is an access point in every classroom, Library and outside perimeter K-12. Middletown has 3 Cisco 5500 wireless controllers to manage devices and access. As part of the plan Middletown would like to upgrade the controllers to 10gig backbone and add additional controllers. Additionally, adding access points to ensure all areas in the building and perimeter have wireless access. Some areas we wil install a wire mesh for total campus coverage.

Page Last Modified: 09/19/2017

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 will continue with aligning the technology plan to classroom instruction in the following ares:
1) Purchase 1377 Chrome books for additional 1:1 initiative and device replacement
2) Purchase 156 Interactive Digital Display Boards to complete implementation of High School classrooms. The boards will be in the collaborative labs, innovation rooms, and workrooms. The boards allow students to work together by sharing their content and ideas both audio and video based to their team of collaborators.
3) Purchase 200 high powered workstations/monitors to replace current PLTW/CAD and Graphic Arts labs. (2 Middle Schools and High School)
4) Purchase 10 high powered laptops for PLTW/CAD instructors
5) Purchase 100 windows based laptops and carts for PLTW/ BIO Medicine labs
6) Purchase collaborative tables, desks, stools and chairs for the innovative labs and workrooms.
7) The audio and video equipment will be used to operate collaboration workspaces. Collaboration workspace are large group instruction areas that enable teaming via sharing audio and video content.
8) Purchase 85 Chromebooks, 10 Lenovo laptops, and 4 Smartboards for the three non-public schools.

**** All electrical and HVAC requirements have been meet from previous capital projects and district initiatives.

Page Last Modified: 09/19/2017

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?"

The district's 1:1 and Blended Learning initiatives allows access to all learning tools the district offers. This access is not limited to regular education students. Students with learning disabilities as well as English language learners benefit from the technologies used to deliver instruction. An assistive technology evaluation assesses the need of technology to assist students with various needs including, but not limited to visual needs,reading, math, written composition work and fine motor tasks such as handwriting due to graphomotor weaknesses.
Learning applications such as CoWriter, VoiceOver, Read2Go, and other voice recognition and word prediction software are easily accessible to the student and their instructors with the use of Chromebooks and laptops. The VM environment, allow both staff and students to access the necessary applications to create and fulfill assignments without geographic and time constraints.

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.

Currently, all staff have a mobile device for classroom instruction and parent/student communication. Staff are allowed to bring devices home for instructional planning, grading and communication. Students grades 7th - 12th have a Chrome book for instructional purposes in school and at home. The District continues to utilize a rapid notification system for parental communication. The District implemented a parent portal in September 2016 for real time communication and most recently the student portal late February 2016.

Page Last Modified: 09/19/2017

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."

Blended Learning
- Blended learning teachers will be expected to use digital content daily in order to gather data that informs small group instruction and opportunities for differentiation.

In addition, content providers will hold demo sessions (45 min / 1 hr. each) that teachers may attend if they have availability. Further, Teachers will receive ongoing professional development support from Education Elements and coaching from Middletown School District staff.

Chrome 101 -

Learn the basic uses and functions of a Chromebook, including both physical and technical aspects of a chromebook. This minimizes teachers distractions and maximizes student learning.

Google Drive -

How cloud-based storage makes all your materials available wherever there is a device and internet. How to use Docs, Presentations, Sheets for sharing, collaborating, presenting, reflecting, conferencing, notetaking...

PD on Using the iPad Google Drive App to upload both picture and video of student work directly to your Drive from the iPad to create a basic digital portfolio. This could be used for parent conferencing and meetings with administrators.

Google Forms -

After learning the basics, teachers were able to create their own student reflection sheets, teachers reflection sheets, Entrance/Exit tickets, and running records.

Converting Files to a Google format
- Makes sharing and collaborating all the easier

Google Classroom -

Helps move your classroom into more of a paperless direction. Google classroom is a 1-stop place to post announcements, assignments, and class resources all in one place. It automatically organizes assignments for you within your Drive.

iPads:

Under the Race to the Top program, each teacher in the district received an iPad. A required component of the iPad deployment was a 2.5 hour training. During this training, teachers learned the basics of operating the iPad, were given instruction of the required district applications (School Stream, EDR, Kronos, & Mail) as well as applications that could be used for enhancing teaching and learning (iBooks and iTunes U), and were shown how to access the district iPad tutorial site, the district iPad Blog, and the district technology resource page.

We continuously provide teachers with new strategies for utilizing the iPad as a tool for teaching, learning, and organizing student information. Teachers are expected to bring their iPads to PD classes and faculty meetings.

Middletown Teacher Center In-service Programs Focus on:

Helping teachers and students succeed

Supporting the professional development goals of the Middletown School District

Helping teachers access research, resources and support materials relevant to their professional needs

Supporting national, state, and local initiatives

Providing quality courses which address individual teacher needs

Developing and promoting effective research-based strategies for teacher growth

Enabling practitioners to develop as educational leaders of workshops, seminars, and courses

Promoting the integration of technology into instruction

Developing and supporting ongoing networking opportunities which build capacity for our students, staff, and community

Co-sponsoring regional conferences which address the interests and needs of area educators

Page Last Modified: 09/19/2017

In-Service Course offerings: http://www.middletowncityschools.org/Page/486

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 New Paltz

9b. Enter the primary Institution phone number.

845 257 2887

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.

Kiersten Greene

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

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 three non-public school were notified of the investment plan and allocation in July of each school year. The three schools will receive the $250 per pupil allocation for equipment. The schools have until June 1st of every year to send requirements for classroom hardware. The schools are focused on mobile devices and interactive boards. Additionally, the District has loaned hundreds of computers and peripherals over the last ten years.

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.

Page Last Modified: 09/19/2017

	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	3,491,396	7,136	221	7,357	250	55,250

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	1,387,630
Computer Servers	(No Response)
Desktop Computers	571,200
Laptop Computers	602,660
Tablet Computers	30,690
Other Costs	899,216
Totals:	**3,491,396**

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.
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.

Page Last Modified: 09/19/2017

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	Precision Tower 5000 Series 5810	200	2,856	571,200
Interactive Whiteboards	Sharp PN-R556 Digital Display	26	2,076	53,976
Interactive Whiteboards	Sharp PN-C805B Aquos Touch Display	16	6,133	98,128
Laptop Computers	HP Chromebook 11	1,377	300	413,100
Laptop Computers	Dell Latitude 7370	100	1,268	126,800
Laptop Computers	Dell Crane 17	10	2,769	27,690
Other Costs	AMP-2210T-2x210W Commercial Power Amplifier, 4/8 or 70/100V	5	785	3,925
Other Costs	CBL-HD-6-Crestron Certified HDMI Interface Cable, 6 ft	127	30	3,810
Other Costs	CBL-PWR-MON-7W2-8-Interconnect Cables	21	89	1,869
Other Costs	CBLR2-AUDIO-Cable Retractor	26	266	6,916
Other Costs	CBLR2-HD-Cable Retractor	10	266	2,660
Other Costs	CBLR2-VGA-Cable Retractor	26	266	6,916
Other Costs	CP3N-3-Series Control System	6	1,534	9,204
Other Costs	DMB-4K-I-C -8-Channel HDBaseT Certified 4K DigitalMedia 8G+ Input Blade	6	4,130	24,780
Other Costs	DMB-4K-I-HD-8-Channel 4K HDMI Input Blade	2	2,950	5,900
Other Costs	DMB-4K-O-C-8-Channel HDBaseT Certified 4K DigitalMedia 8G+ Output Blade	13	4,130	53,690
Other Costs	DMC-4K-C-HDCP2-HDBaseT® Certified 4K DigitalMedia 8G+	3	649	1,947
Other Costs	DM-CBL-ULTRA-PC-5-DigitalMedia Ultra Patch Cable, 5 ft	237	22	5,214
Other Costs	DMCI-DigitalMedia Card Interface	3	236	708
Other Costs	DM-MD64X64 -64x64 DigitalMedia Switcher	2	21,240	42,480
Other Costs	DM-PSU-3X8-RPS-PoDM+ Redundant Power Supply	7	2,360	16,520
Other Costs	DM-RMC-4K-SCALER-C-4K DigitalMedia 8G+ Receiver & Room Controller w/Scaler	82	1,062	87,084

Page Last Modified: 09/19/2017

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be Purchased	Quantity	Cost per Item	Total Cost
Other Costs	DM-RMC-SCALER-C -DigitalMedia 8G+Receiver & Room Controller w/Scaler	32	826	26,432
Other Costs	DM-TX-4K-302-C-4K DigitalMedia 8G+ Transmitter 302	38	1,180	44,840
Other Costs	FTA-PWR-102-FlipTop AC Power Outlet Module, Dual, US NEMA 5, Type B	52	95	4,940
Other Costs	FT-TS600-B-FlipTop	5	1,475	7,375
Other Costs	MX400DP-Microflex Desktop Base	30	195	5,850
Other Costs	MX410LP/C-Microflex Modular Gooseneck Microphone, 10	4	186	744
Other Costs	MX415LP/C-Microflex Modular Gooseneck Microphone, 15	26	186	4,836
Other Costs	SAROS SR8T-B-T-EACH -Saros 8	16	207	3,312
Other Costs	ST-RMK -Rack Mount Kit	2	89	178
Other Costs	TESIRA EX-IO-Tesira AVB 4-channel input and output expander	30	854	25,620
Other Costs	TesiraFORTÉ AVB AI-Professional audio mixer with AVB network audio	3	1,832	5,496
Other Costs	TSW-1060-B-S-10.1-10.1	10	1,416	14,160
Other Costs	TSW-1060-TTK-B-S-Tabletop Kit for TSW-1060	10	148	1,480
Interactive Whiteboards	Sharp PN-PW440 Wall Mounts-Sharp PN-PW440 Wall Mounts	2	8,079	16,158
Interactive Whiteboards	Sharp PN-PW220 Wall Mounts-Sharp PN-PW220 Wall Mounts	12	2,020	24,240
Other Costs	Sharp PN-ZR01A Control Kit-Sharp PN-ZR01A Control Kit	10	126	1,260
Other Costs	Sharp EWC2PN3R4T5 - 2YR extended warranty repair or replacement total 5 yr-Sharp	26	330	8,580
Other Costs	Sharp EWC2PN3R8T5 - 2YR extended warranty repair or replacement total 5 yrs	114	560	63,840
Other Costs	Warranty-U-Touch additional 3-Yr Warranty repair or replacement total 5 yrs	11	7,500	82,500
Other Costs	DM-MD16X16-RPS-16x16 Digital	2	5,674	11,348

Page Last Modified: 09/19/2017

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be Purchased	Quantity	Cost per Item	Total Cost
	Media Switcher			
Other Costs	DMC-4K-C-DSP-HDCP2-HDBaseT® Certified 4K DigitalMedia 8G+® Input Card w/Downmixing for DM® Switchers	12	600	7,200
Other Costs	DMC-4K-CO-HD-HDCP2-2-Channel HDBaseT® Certified 4K DigitalMedia 8G+® Output Card for DM® Switchers	22	821	18,062
Other Costs	TL10C-K-US Bretford TechGuard Charging Carts	2	3,390	6,780
Other Costs	CORE36MS-CTTZ Bretford Charging Cart	1	1,483	1,483
Other Costs	45-245-026-Ergotron Mounts	7	273	1,911
Other Costs	BD732522111- Bose Sound Bar	22	225	4,950
Other Costs	Sharp PN-C805B 5-yr Warranty	16	585	9,360
Other Costs	Cables and Connectors for Mounting PN-C805B	1	850	850
Other Costs	Strong Fixed XL Wall Mount	17	185	3,145
Other Costs	4m Binary HDMI Video Cable	17	36	612
Other Costs	18ft Binary VGA & Audio Cable	16	29	464
Other Costs	18ft C2G USB 2.0 Cable	16	27	432
Other Costs	HSS4L-18B 4 Pack 18	12	319	3,828
Other Costs	HTLC4296HCTFP-Colloboration Table	5	744	3,722
Other Costs	HLSA-SK1220T-Shelf Kit	8	111	888
Other Costs	HLSA-TK12-Tray Kit	4	39	157
Other Costs	HLSA-TK3-Tray Kit	8	76	605
Other Costs	HSLA-TK6-Tray Kit	4	52	209
Other Costs	H5220-Dual Monitor Arm	3	391	1,173
Other Costs	3712CHB-Invision Access eLift V2 Curve End	10	5,079	50,790
Other Costs	37120CHG-Invision Access Display Stand	10	306	3,060
Other Costs	37123CHBTW-Invision Access Equipment Rack	10	707	7,070
Other Costs	HFLCO1-Flock Square Mini	9	214	1,925
Other Costs	HFLY01-Flock Round Mini	9	214	1,925

Page Last Modified: 09/19/2017

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be Purchased	Quantity	Cost per Item	Total Cost
Other Costs	38979-CHCHB723001-Flex Insight Desk	64	1,388	88,851
Other Costs	55212-CHCHBS1144002700-Compact Lecturn	4	2,139	8,554
Other Costs	Furniture Freight	1	1,225	1,225
Other Costs	Furniture Set-up	1	25,000	25,000
Interactive Whiteboards	Sharp PN-PW220 Wall Mounts-Sharp PN-PW220 Wall Mounts	6	2,020	12,120
Tablet Computers	DTH1320KO- Wacom Tablets-Wacom Tablets	33	930	30,690
Laptop Computers	HP Chromebooks Non-Public School	85	310	26,350
Laptop Computers	Lenovo Flex 4 Non-Public School	10	872	8,720
Interactive Whiteboards	Smartboard Capture Non-Public School	4	5,000	20,000
Interactive Whiteboards	SHARP PN-V600A LED VIDEO WALL DISPLAY	64	5,572	356,608
Interactive Whiteboards	UT-CST-60-4X2-U TOUCH CUSTOM 4X2 VIDEO WALL OVERLAY FOR SHARP	5	47,500	237,500
Interactive Whiteboards	PN-PW220-2X2 VIDEO WALL MOUNTS	16	2,140	34,240
Interactive Whiteboards	Sharp PN-V551 Digital Display	114	4,690	534,660
Other Costs	Sharp EWC2PN3RBT5 - 2YR extended warranty repair or replacement total 5 yrs	64	560	35,840
Other Costs	AMP-3210T-3x210W Commercial Power Amplifier, 4/8© or 70/100V	1	853	853
Other Costs	CBL-HD-12-Crestron® Certified HDMI® Interface Cable, 12 ft	20	36	720
Other Costs	DMC-4K-HD-DSP-HDCP2-4K HDMI® Input Card w/Downmixing for DM® Switchers	1	508	508
Other Costs	DM-CBL-ULTRA-PC-10-DigitalMedia	50	28	1,400
Other Costs	DMC-HDO-2-Channel HDMI® Output Card for DM® Switchers	3	385	1,155
Other Costs	DM-CONN-ULTRA-RECP-50-DigitalMedia	5	609	3,045
Other Costs	DM-MD32X32-RPS-32x32	1	10,120	10,120

Page Last Modified: 09/19/2017

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be Purchased	Quantity	Cost per Item	Total Cost
	DigitalMedia			
Other Costs	DM-RPP-K24-DigitalMedia	5	92	460
Other Costs	SAROS IC6LPT-W-T-EACH -Saros® Low-Profile 6.5	30	143	4,290
Other Costs	Undecided nonpublic expenditures	1	180	180

Page Last Modified: 09/19/2017

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	0
Enhance/Modernize Educational Facilities	0
Other Costs	0
Totals:	**0**

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

Pre-Kindergarten Classrooms

Page Last Modified: 09/19/2017

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)

Page Last Modified: 09/01/2017

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	0
Enhance/Modernize Existing Instructional Space	0
Other Costs	0
Totals:	**0**

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.
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)

Page Last Modified: 09/01/2017

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)
Totals:	**0**

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.
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)