

## Smart Schools Investment Plan - 2016-17 Version (Original) - Windsor CSD I

SSIP Overview

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## Institution ID

800000054848

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

Andrew Fiorentino

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

6076558215

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

afiorentino@windsor-csd.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 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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## SSIP Overview

- 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 SCHOOLS BOND ACT - Spending Plan (10.19.17).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://filecabinet4.eschoolview.com/2744AA52-D163-4597-B6E1-F850C621EFB6/SMARTSCHOOLSBONDACTSpendingPlan101917a.pdf>

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

2,050

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:

\$1,756,015

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	659,670
Connectivity Projects for Communities	0
Classroom Technology	708,330
Pre-Kindergarten Classrooms	0
Replace Transportable Classrooms	0
High-Tech Security Features	140,000
<b>Totals:</b>	<b>1,508,000</b>

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## School Connectivity

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.

Windsor school district meets the standards per the response to question 2. The districts current speed is 1000mb which exceeds the 100 Mbps per 1,000 students standard as Windsor's required speed is at least 172.2.

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

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

2. Connectivity Speed Calculator (Required)

	Number of Students	Multiply by 100 Kbps	Divide by 1000 to Convert to Required Speed in Mb	Current Speed in Mb	Expected Speed to be Attained Within 12 Months	Expected Date When Required Speed Will be Met
Calculated Speed	1,722	172,200	172.2	1000	1000	Current Speed Met

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

N/A - Windsor Central School District is not using the funds for high-speed broadband and/or wireless connectivity projects in school buildings. Broadband and wireless connectivity is already in place. Funds are being used to install interactive boards and the installation of projection and sound.

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## School Connectivity

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

The District is committed to utilizing digital connectivity and technology to improve teaching and learning by researching and investing in infrastructure upgrades, hardware/software deployment/LMS and professional development. In addition, hardware deployment, device management and maintenance is also examined on at least an annual basis to ensure the end-user experience is conducive to advancing the teaching and learning process.

As part of the BOCES Managed IT service, a network assessment and device replacement schedule is provided to the District at least once per year to assist with making informed decisions and purchasing plans to support the end-user experience. When reviewing the device replacement schedule, data regarding device repairs is also included in the discussion. Equally important is the network assessment as it provides information regarding infrastructure upgrades. To support the influx of additional devices and a positive end-user experience, other funds were used during the 2017-18 school year to upgrade the infrastructure and wireless access points in each building.

Based upon the device replacement schedule, it was determined the SmartBoards (Interactive Whiteboards) needed to be replaced. The District determined they would like to pilot an alternate solution with a small group of teachers during the 2017-18 school year. As part of the pilot, the BOCES Technology Integration Specialists provided support for using the features of the Dell Interactive TV's (the alternate solution) with the pilot group. Once the Dell Interactive TV's are installed throughout the district, the BOCES Technology Integration Specialists will be providing support for using the features along with new ways it can be used to support classroom instruction, student engagement, assessment and communication.

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.

N/A - Demand is already met

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
03-17-01-06-0-010-017
03-17-01-06-0-004-012
03-17-01-06-0-003-011
03-17-01-06-0-006-012

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?

No

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

Name	License Number
Nicholas J. Signorelli	24017

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.

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## School Connectivity

	Sub-Allocation
Network/Access Costs	(No Response)
Outside Plant Costs	(No Response)
School Internal Connections and Components	444,370
Professional Services	63,040
Testing	(No Response)
Other Upfront Costs	(No Response)
Other Costs	152,260
<b>Totals:</b>	<b>659,670</b>

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

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
Connections/Components	Install work, cables, wiring, etc. (Does NOT include Dell Interactive TV)	141	2,650	373,650
Connections/Components	Peerless 2x2 Ceiling Plate	4	75	300
Connections/Components	Peerless Projector Bracket	4	130	520
Connections/Components	Peerless Articulating Wall Mount	4	390	1,560
Connections/Components	Crestron 16x16 Digital Media Switcher	1	6,100	6,100
Connections/Components	Crestron DMC Input Card	14	780	10,920
Connections/Components	Crestron 2 Ch Output Card HD	4	920	3,680
Connections/Components	Crestron 2 Ch Output Card HDO	1	1,280	1,280
Connections/Components	Crestron 8G DM Xmtr	10	1,000	10,000
Connections/Components	Crestron DM Transmitter for Fiber	1	1,280	1,280
Connections/Components	Ashly 8 Channel Audio Amplifier	2	1,740	3,480
Connections/Components	Crestron 3 Series Control System	1	1,850	1,850
Connections/Components	Crestron 7	2	1,000	2,000
Connections/Components	Crestron Univ Mounting Bracket for Touch Panel	2	30	60
Connections/Components	Crestron Transmitter	2	920	1,840
Connections/Components	Crestron Receiver and Room	8	1,000	8,000

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## School Connectivity

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
	Controller with Scaler			
Connections/Components	Sound tube Ceiling Speaker Assembly	20	370	7,400
Connections/Components	Magnus Tripod System w Fluid Head & Dolly	2	280	560
Connections/Components	Totevision Rackmount Monitors 4X4	1	3,620	3,620
Connections/Components	Lowell Rack Sectional Wall Mount-24U	1	770	770
Connections/Components	Parts to Split Video Signals to Send to Rackmount Monitors	1	280	280
Connections/Components	Additional Misc. Rack Parts	1	280	280
Connections/Components	One Rack SP Panel with Logo in Color	1	30	30
Connections/Components	Power Supply - Powers the AV Rack and the equipment mounted in the AV Rack	1	60	60
Connections/Components	Crestron High End Category 8G Cable	1	850	850
Other Costs	Misc. Parts, Assembly, Freight/Delivery & Warranty	1	11,800	11,800
Professional Services	Technician Shop Labor for Interconnecting Head End	100	16	1,600
Professional Services	Technician Programming Labor - Crestron System	24	160	3,840
Professional Services	Technician Site Labor at PW Rate	80	120	9,600
Connections/Components	Electrical Prime Contractor General Installation Materials	1	4,000	4,000
Professional Services	Electrical Prime Contractor Related to Labor & OH&P	1	48,000	48,000
Other Costs	Project Incidentals - Whiteboards to Interactive Displays	1	106,460	106,460
Other Costs	Project Incidentals HS LGI/Cafeteria A-V Multimedia System	1	34,000	34,000

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## Community Connectivity (Broadband and Wireless)

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.

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 - 2016-17 Version (Original) - Windsor CSD I

## Classroom Learning Technology

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.

Windsor school district meets the standards per the response to question 2. The districts current speed is 1000mb which exceeds the 100 Mbps per 1,000 students standard as Windsor's required speed is at least 172.2

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

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

## 2. Connectivity Speed Calculator (Required)

	Number of Students	Multiply by 100 Kbps	Divide by 1000 to Convert to Required Speed in Mb	Current Speed in Mb	Expected Speed to be Attained Within 12 Months	Expected Date When Required Speed Will be Met
Calculated Speed	1,722	172,200	172.2	1000	1000	Currently Meeting

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.

District Wide WiFi coverage is installed.

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.



**Smart Schools Investment Plan - 2016-17 Version (Original) - Windsor CSD I**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.**

- Cameras, televisions and projectors to be installed in cafeteria to make space flexible for student instruction and staff training. Infrastructure (i.e. electric, wiring/cabling, etc.) will need to be installed to support this part of the project.
- District is composed of four buildings: Windsor Central High School, Windsor Central Middle School/AF Palmer Elementary School, FL Bell Elementary School, CR Weeks Elementary School.
- All buildings are currently equipped with select technology including SMART Boards which are becoming outdated and beginning to fail. The District seeks to replace this technology with updated interactive technology.
- Wiring infrastructure modifications needed (i.e. wiring/cabling for the updating of this technology will be reviewed and addressed as needed.

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## Classroom Learning Technology

## 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 is committed to providing all students with equal access to instructional technology. Assistive technologies are provided as recommended by the Committee on Preschool Special Education and the Committee for Special Education to allow students to fully participate with their peers. During the 2017-18 school year, a pilot program was launched to explore SmartBoard (Interactive Whiteboard) replacement options. Teachers from all grade levels and subjects were included in the small pilot (approximately 9 teachers) to gather feedback to inform future purchasing decisions.

When reviewing the replacement options, the District was looking for the following:

- ability to have multiple students interacting with the lesson at the same time
- location flexibility (interacting in the classroom or at home)
- software flexibility (use any software)
- movement (walk around the classroom and interact with the lesson)
- durability
- sound
- picture quality

The feedback from the teachers supported purchasing the Dell Interactive TV's as it met all criteria listed above. Teachers indicated they can now utilize the Dell Interactive TV for centers/station-based instruction as multiple students are able to interact with the lesson at the same time (the SmartBoard did not allow for simultaneous interaction).

The above criteria for the SmartBoard replacement option was critical when selecting a solution to ensure *all* students, including students with disabilities and English Language Learners, have the ability to actively participate, collaborate and engage with the lesson and their peers.

Examples of how the Dell Interactive TV's will benefit students with disabilities and English Language Learners include, but are not limited to:

- Center/station based small group work using the multi-touch feature. The current SmartBoard only allows for one student at a time to interact with the lesson. This flexibility provides the opportunity for students with disabilities and English Language Learners to participate, collaborate and engage with their peers at the same time.
- Software and location flexibility provides the option for students with disabilities and English Language Learners to interact with the lesson using resources they are comfortable with (ex: Google Read and Write, iPad, Chromebook, etc.). In addition, students can engage in the lesson from wherever they are, including if they are unable to be in school (ex: homebound instruction). This flexibility allows the students to utilize the resources they need to participate, collaborate and engage in the lesson with their peers at the same time.

The overall flexibility of the Dell Interactive TV's allows for teachers to craft lessons that are personalized and provide student choice to allow for active participation, engagement and collaboration.

The district is also looking to provide opportunities for classroom learning technology outside of the traditional classroom walls. Equipping the high school cafeteria with classroom learning technology allows for flexibility in creating experiences for students these experiences may include, but are not limited to: utilizing the space for individual classes/combining classes, sharing authentic learning experiences (Science Fair, career day, large group presentations), and station-based learning.

While expansion of the 1:1 initiative is not included as part of the Smart Schools Bond Act purchase plan, the District has made plans to expand the initiative for grades 7-12 in the 2018-19 school year and grades 3-5 in future school years. Currently all grade levels have access to devices throughout the school day.

The District has also utilized other funds to upgrade infrastructure and wireless access points. All buildings will have been upgraded by the end of the 2017-18 school year.

Software and assistive technology purchases have also been acquired through other district funds. There is an ongoing review of software and assistive technology to help support student learning and equal access to curriculum and instructional technology. In addition, the district subscribes to a learning management system to help support student learning inside and outside of the classroom.

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- 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.**

To help facilitate technology-based regional partnerships, the District subscribes to the following Broome-Tioga BOCES/South Central Regional Information Center services:

- Model Schools
- Technology Integration Specialists
- Managed Information Technology (Managed IT)
- Managed Data Service

These regional partnerships provide the District with opportunities to share ideas and resources regionally. This approach not only strengthens partnerships, but allows for learning from each other to assist with new initiatives.

The District plans to purchase the Dell Interactive TV s to replace aging SmartBoards. Since the Dell Interactive TV s are not software specific, this flexibility allows for teachers to be confident their lessons and supporting materials will work. This includes utilizing Schoology, the district Learning Management System. Schoology allows for sharing information with not only students, but parents as well. It also provides the opportunity for the student to participate in the lesson remotely (including participation in real-time).

Updating the cafeteria with classroom learning technology allows for flexibility in organizing and implementing authentic learning experiences for students where parents and other stakeholders can be invited to observe and/or participate. Annually the district holds several student events and various locations throughout the building and district have been used for these events. Equipping the high school cafeteria with classroom learning technology provides the opportunity to host student events in one location.

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## Classroom Learning Technology

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."**

To help support professional development for administrators, teachers and staff, the District subscribes to the following services offered by Broome-Tioga BOCES/South Central Regional Information Center:

- Model Schools
- Technology Integration Specialists

Professional development offered by the Model Schools service includes, but is not limited to the following:

- Instructional technology leaders
- Instructional technology plan overview
- Coding and robotics
- World language digital learning PLC
- Flipped classroom
- Digital formative assessments
- Going Google/Google Apps for Education
- Schoology

The Technology Integration Specialists also provide classroom level technology integration support dependent upon need. Integration support includes, but is not limited to the following:

- Google Apps for Education
- Schoology
- BYOD and student engagement
- Digital citizenship
- Technology devices and centers/station-based learning
- Computer-based testing readiness/online assessment readiness
- Digital formative assessments
- Chromebook introduction

Starting in the 16-17 school year, the district offered teachers the option to apply for the 1:1 program (which provides classroom sets of devices to teachers in the program). At this time, 20 teachers have participated in the program. Plans are underway to continue the program with the intent to ensure all teachers in grades 7-12 having exposure to the supports provided to teachers in the 1:1 program.

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.

Binghamton University

- 9b. Enter the primary Institution phone number.

(607) 777-2000

- 9c. Enter the name of the contact person with whom you consulted and/or will be collaborating with on innovative uses of technology and best practices.

Dr. Candace Mulcahy

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## Classroom Learning Technology

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.

	Sub-Allocation
Interactive Whiteboards	0
Computer Servers	0
Desktop Computers	0
Laptop Computers	0
Tablet Computers	0
Other Costs	708,330
<b>Totals:</b>	<b>708,330</b>

15. Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category. This is

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## Classroom Learning Technology

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
Other Costs	Dell Interactive TV's	141	4,650	655,650
Other Costs	Da-Lite Contour Electol Projection Screen	4	2,660	10,640
Other Costs	Vivitek Lamp-Free Projector, 8000 lumens, No Lens	4	7,520	30,080
Other Costs	Viviteck Standard Zoom Lens	4	560	2,240
Other Costs	Philips 55 in LED Display	4	1,080	4,320
Other Costs	SoundTube Ceiling Subwoofer/White	4	400	1,600
Other Costs	Panasonic Camcorder	2	1,700	3,400
Other Costs	Denon Multi-playback Unit	1	400	400

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## Pre-Kindergarten Classrooms

1. Provide information regarding how and where the district is currently serving pre-kindergarten students and justify the need for additional space with enrollment projections over 3 years.

(No Response)

2. Describe the district's plan to construct, enhance or modernize education facilities to accommodate pre-kindergarten programs. Such plans must include:

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

(No Response)

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

(No Response)

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

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

Project Number
(No Response)

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

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

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

**Smart Schools Investment Plan - 2016-17 Version (Original) - Windsor CSD I**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 - 2016-17 Version (Original) - Windsor CSD I

## Replace Transportable Classrooms

1. Describe the district's plan to construct, enhance or modernize education facilities to provide high-quality instructional space by replacing transportable classrooms.

(No Response)

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

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

Project Number
(No Response)

3. For large projects that seek to blend Smart Schools Bond Act dollars with other funds, please note that Smart Schools Bond Act funds can be allocated on a pro rata basis depending on the number of new classrooms built that directly replace transportable classroom units.

If a district seeks to blend Smart Schools Bond Act dollars with other funds describe below what other funds are being used and what portion of the money will be Smart Schools Bond Act funds.

(No Response)

4. 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 - 2016-17 Version (Original) - Windsor CSD I

## High-Tech Security Features

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.

The District will use SSBA funds to reconfigure and improve the single point vestibule entrance security of the Windsor Central High School. Work will include:

- Capital Intensive Security Project: Architectural reconfiguration required including slab changes, flooring, hard ceilings and walls.
- Electronic Security System - Expansion of security camera systems.
- Entry Control System - Incorporation of access control devices at exterior interior and vestibule openings.
- Door Hardening - Removal of existing non-rated and non-secured door and frame systems and replacement with hardened door, frames, glazing and hardware.

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
03-17-01-06-0-010-017

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
Nicholas J. Signorelli	24017

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)	52,000
Electronic Security System	12,000
Entry Control System	19,000
Approved Door Hardening Project	48,000
Other Costs	9,000
<b>Totals:</b>	<b>140,000</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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High-Tech Security Features

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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
Capital-Intensive Security Project	Modifications to existing Main Entry Lobby including but not limited to demolition, new rated and secure partitions, floor ceiling and wall finishes	100.00	520	52,000
Electronic Security System	Incorporation of new pan-tilt-zoom security cameras at five (5) locations. Includes cameras, wiring, software, racks, and installation	5.00	2,400	12,000
Entry Control System	M/E Engineering Design	1.00	5,000	5,000
Approved Door Hardening Project	Installation of five (5) new hardened entrance door glazing systems. Includes frame, hardware, and attack resistant/fire rated glazing.	320.00	150	48,000
Other Costs	Project Incidentals	1.00	9,000	9,000
Entry Control System	Prox Reader, Door Strikes, and Controller for doors	4.00	3,500	14,000

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PPU Report

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