Smart Schools Investment Plan - Revised - Application 1

SSIP Overview

Institution ID
800000039779

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

Joseph Reilly

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

607-654-3858

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

reilly.j.n@gmail.com

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.

☑ Parents
☑ Teachers
☑ Students
☑ Community members
☐ The district was unable to meet with each group of stakeholders due to an emergency need as a result of the COVID-19 crisis.

5. Did your district contain nonpublic schools in 2014-15?

☐ Yes
☐ Yes, but they have all since closed, moved out of district or are declining use of SSBA funds
☑ No

6. Certify that the following required steps have taken place by checking the boxes below:

☑ 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 school board was unable to conduct a hearing that enabled stakeholders to respond to the preliminary plan due to an emergency need as a result of the COVID-19 crisis.
☑ 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.

6a. 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.

Worcester 1.pdf

6b. 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.

https://www.worcestercs.org/Downloads/Worcester%20(1).pdf

7. 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.

380

8. 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.

9. 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)

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

(No Response)

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

$485,047

12. Final 2014-15 BEDS Enrollment to calculate Nonpublic Sharing Requirement

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	342	0	342.00	0.00

13. This table compares each category budget total, as entered in that category's page, to the total expenditures listed in the category's expenditure table. Any discrepancies between the two must be resolved before submission.

	Sub-Allocations	Expenditure Totals	Difference
School Connectivity	53,300.00	53,300.00	0.00
Connectivity Projects for Communities	0.00	0.00	0.00
Classroom Technology	115,390.00	115,390.00	0.00
Pre-Kindergarten Classrooms	0.00	0.00	0.00
Replace Transportable Classrooms	0.00	0.00	0.00
High-Tech Security Features	60,984.00	60,984.00	0.00
Nonpublic Loan	0.00	0.00	0.00
Totals:			

	Sub-Allocations	Expenditure Totals	Difference
	229,674	**229,674**	**0**

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.

Worcester Central School subscribes to Broadband service through the Greater Southern Tier Regional Information Center. The district currently meets this standard.

Worcester Central School has a network infrastructure consisting of fiber optic, Ethernet, and wireless networks. Fiber optic cables connect the server room and three switch closets throughout the building.

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). If the district currently meets the required speed, enter "Currently Met" in the last box: Expected Date When Required Speed Will be Met.

	Number of Students	Required Speed in Mbps	Current Speed in Mbps	Expected Speed to be Attained Within 12 Months	Expected Date When Required Speed Will be Met
Calculated Speed	379	37.90	80	80	Current

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

- **Replacement and addition of wireless access points**

While the current wireless network provides acceptable coverage, the district has identified some areas where the coverage should be improved and some access points that have exceeded their planned life expectancy. The district also wants to upgrade the wireless controller to handle the additional demand of a one-to-one environment.

In addition, the district wishes to upgrade their network access controller. This will allow them to upgrade to the newest version of Microsoft Active Directory. These two factors will allow management and facilitation of the one-to-one environment. Currently, the existing server is outdated and the management capacity can't handle the additional load.

4. Describe the linkage between the district's District Instructional Technology Plan and how the proposed projects will improve teaching and learning. (There should be a link between your response to this question and your responses to Question 1 in Section IV - NYSED Initiatives Alignment: "Explain how the district use of instructional technology will serve as a part of a comprehensive and sustained effort to support rigorous academic standards attainment and performance improvement for students."

Your answer should also align with your answers to the questions in Section II - Strategic Technology Planning and the associated Action Steps in Section III - Action Plan.)

The goal of the Worcester Central School tech plan is to enhance student learning opportunities through the availability and expanded use of technology. Worcester is a rural school and the district wishes to broaden student opportunities through a one-to-one program. Students will be able to use devices at any appropriate time and to utilize devices during unstructured time.
Teachers will have an upgrade of their instructional computers to support the expanded use of technology in their instructional day. New computers will provide them a more reliable platform with adequate capacity to support the higher demands of todays resources.

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.

The leadership team at Worcester Central School includes the Supervising Principal, both the elementary and the secondary building principals, the technology director, and the facilities director. During the summer of 2018, this team reviewed all of the instructional uses of all spaces in the building and the campus. By comparing the instructional goals, the pupil loads and the long term space requirements, the leadership team developed the network needs for each space.
After completing this survey, Worcester Central Schools, in consultation with the Central Southern Tier Regional Information Center developed a Smart Schools plan that is reflected in this document.
All Students, Any Time, Any Where is the goal of this proposal.

6. Smart Schools plans with any expenditures in the School Connectivity category require a project number from the Office of Facilities Planning. Districts must submit an SSBA LOI and receive project numbers prior to submitting the SSIP. As indicated on the LOI, some projects may be eligible for a streamlined review and will not require a building permit.
Please indicate on a separate row each project number given to you by the Office of Facilities Planning.

Project Number
47-25-06-04-0-001-011

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
Scott Duell	22982

9. Public Expenditures – Loanable (Counts toward the nonpublic loan calculation)

Select the allowable expenditure type. Repeat to add another item under each type.	**PUBLIC** Items to be Purchased	Quantity	Cost Per Item	Total Cost
(No Response)	(No Response)	(No Response)	(No Response)	0.00
		0	**0.00**	**0**

10. Public Expenditures – Non-Loanable (Does not count toward nonpublic loan calculation)

Select the allowable expenditure type. Repeat to add another item under each type.	**PUBLIC** Items to be purchased	Quantity	Cost per Item	Total Cost
Connections/Components	Cat 6A computer drops 100 Meters NYSOGS contract rate	20	500.00	10,000.00
Network/Access Costs	Wi-Fi Controller XG UAS-XG	1	2,500.00	2,500.00
Network/Access Costs	Wi-Fi Access Points UAP-AC-HD	45	300.00	13,500.00
Connections/Components	Cat 6A patch cables 2 meters for wiring closets	300	6.00	1,800.00
Connections/Components	Fiber optic network cable Corning part number 006E88-33131-A3 installed and terminated	750	10.00	7,500.00
Network/Access Costs	Dell PowerEdge R7415 Domain servers	2	2,500.00	5,000.00
Network/Access Costs	Network expanded storage; server	1	8,000.00	8,000.00
Other Costs	Project contingencies	1	5,000.00	5,000.00
		1,120	**18,816.00**	**53,300**

11. Final 2014-15 BEDS Enrollment to calculate Nonpublic Sharing Requirement (no changes allowed.)

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	342	0	342.00	0.00

12. Total Public Budget - Loanable (Counts toward the nonpublic loan calculation)

	Public Allocations	Estimated Nonpublic Loan Amount	Estimated Total Sub-Allocations
Network/Access Costs	(No Response)	0.00	0.00
School Internal Connections and Components	(No Response)	0.00	0.00
Other	(No Response)	0.00	0.00
Totals:	**0.00**	**0**	**0**

13. Total Public Budget – Non-Loanable (Does not count toward the nonpublic loan calculation)

	Sub-Allocation
Network/Access Costs	29,000.00

	Sub-Allocation
Outside Plant Costs	0.00
School Internal Connections and Components	19,300.00
Professional Services	0.00
Testing	0.00
Other Upfront Costs	0.00
Other Costs	5,000.00
Totals:	**53,300.00**

14. School Connectivity Totals

	Total Sub-Allocations
Total Loanable Items	0.00
Total Non-loanable Items	53,300.00
Totals:	**53,300**

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

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
(No Response)	(No Response)	(No Response)	(No Response)	0.00
		0	**0.00**	**0**

7. **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:	**0.00**

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.

Worcester Central School subscribes to internet services through the Central Southern Tier Regional Information Center and currently meets this standard.

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). If the district currently meets the required speed, enter "Currently Met" in the last box: Expected Date When Required Speed Will be Met.

	Number of Students	Required Speed in Mbps	Current Speed in Mbps	Expected Speed to be Attained Within 12 Months	Expected Date When Required Speed Will be Met
Calculated Speed	379	37.90	80	80	Currently met

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

The leadership team at Worcester Central School includes the Supervising Principal, both the elementary and the secondary building principals, the technology director, and the facilities director. During the summer of 2018, this team reviewed all of the instructional uses of all spaces in the building and the campus. By comparing the instructional goals, the pupil loads and the long term space requirements, the leadership team developed the network needs for each space.
After completing this survey, Worcester Central Schools, in consultation with the Central Southern Tier Regional Information Center developed a Smart Schools plan that is reflected in this document. Our district uses a mesh network with nodes supporting up to 100 simultaneous users, which by far exceeds the measured demands of the district at any given time. This network has connectivity throughout the entire building, with no dead spots.

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.

Worcester Central School has upgraded the electrical capacity of the classrooms and the heating capacity through recent capitol projects.
This plan calls for the purchase of Desktop computers for the classrooms, laptop computers to support a one-to-one effort. The personal devices are designated to replace existing devices so there will be no impact on the electrical service. The servers will also replace existing devices and are designated for installation in the network closets that have the appropriate power and hvac capacity to support the district requirements.

6. Describe how the proposed technology purchases will:

- **> enhance differentiated instruction;**
- **> expand student learning inside and outside the classroom;**
- **> benefit students with disabilities and English language learners; and**
- **> contribute to the reduction of other learning gaps that have been identified within the district.**

The expectation is that districts will place a priority on addressing the needs of students who struggle to succeed in a rigorous curriculum. Responses in this section should specifically address this concern and align with the district's Instructional Technology Plan (in particular Question 2 of E. Curriculum and Instruction: "Does the district's instructional technology plan address the needs of students with disabilities to ensure equitable access to instruction, materials and assessments?" and Question 3 of the same section: "Does the district's instructional technology plan address the provision of assistive technology specifically for students with disabilities to ensure access to and participation in the general curriculum?")
In addition, describe how the district ensures equitable access to instruction, materials and assessments and participation in the general curriculum for both SWD and English Language Learners/Multilingual Learners (ELL/MLL) students.

It is the goal of Worcester Central School that every student be successful. By implementing a 1:1 solution for district students the leadership hopes enhance learning opportunities allowing all students access to distance learning opportunities, on line research resources and also support communication and feedback with remote students.
All of the devices will have video capacity allowing distance learning and one-to-one discussions.
All students, all the time. The students with disabilities will be assigned technology resources as well as the other students. In addition, all students with disabilities have IEP's developed by the Committee on Special Ed. All IEP's are fully funded and technology provided to those students to hope them be successful.
The upgrade to the district's wifi network will enhance the opportunities for all students to expand their access to additional locations in the district. One of the biggest challenges is closing the learning gaps in the regular education classrooms. Worcester has identified extended learning time as one of the strategies to closing this gap. The use of chromebooks and Google can provide that extended learning time. Instead of the 45 minutes of a traditional class, students who require more time to complete a task can access their work during free time, or after schooll hours from their home or other locations with wifi access. Any time, any where. All students successful.

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.

These devices will have no direct impact on parent communication, but the district does have an active parent portal as a component to the student management system. All parents have real time access to assignments, attendance, student schedules and the email addresses of the staff.
All students will have google email accounts that will allow them to reach out to staff and respond to staff communication outside the school days.
The district will provide Parent technology nights that focus on digital citizenship and internet safety.
The district will expand use of social media as an information exchange platform.

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."

Consistent and differentiated educational technology themed professional development (PD) will be enhanced through these purchases, and will play an essential role in the implementation of the district's technology initiative. To effectively meet the varying needs of all teachers, a technology needs assessment has been given in the beginning of the school year. The data gathered from this assessment drives the professional development goals. This will allow professional development to be tailored to meet the technology needs and skill levels of all teachers.
At WCS, professional development is facilitated by the Network Administrator, Professional Development Coordinator, BOCES Staff Development Specialists; teachers also have many opportunities to share their expertise with one another in a PD setting. Professional development is offered continuously throughout the year via regular scheduled monthly PD sessions. In addition, individual instructional technology appointments with the Network Administrator, Professional Development Coordinator, and BOCES Staff Development Specialists, including modeling lessons and pushing into the classroom to co-teach with colleagues. The establishment of a professional development library of technology based tutorial videos will allow for continuous self guided professional opportunities.

9. Districts must contact one of the SUNY/CUNY teacher preparation programs listed on the document on the left side of the page 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 Oneonta

9b. Enter the primary Institution phone number.

607-436-3500

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. Leanne Avery

10. 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.

11. 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.

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

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be Purchased	Quantity	Cost per Item	Total Cost
Desktop Computers	Dell 3000 series All-in-one Desktop computers	10	789.00	7,890.00
Laptop Computers	Samsung Chromebook touch models	200	374.00	74,800.00
Other Costs	Samsung Chromebox monitors	55	500.00	27,500.00
Other Costs	Google license	200	26.00	5,200.00
		465	**1,689.00**	**115,390**

13. Final 2014-15 BEDS Enrollment to calculate Nonpublic Sharing Requirement (no changes allowed.)

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	342	0	342.00	0.00

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

	Public School Sub-Allocation	Estimated Nonpublic Loan Amount (Based on Percentage Above)	Estimated Total Public and Nonpublic Sub-Allocation
Interactive Whiteboards	0.00	0.00	0.00
Computer Servers	0.00	0.00	0.00
Desktop Computers	7,890.00	0.00	7,890.00
Laptop Computers	74,800.00	0.00	74,800.00
Tablet Computers	0.00	0.00	0.00
Other Costs	32,700.00	0.00	32,700.00
Totals:	**115,390.00**	**0**	**115,390**

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

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
(No Response)	(No Response)	(No Response)	(No Response)	0.00
		0	**0.00**	**0**

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

	Sub-Allocation
Construct Pre-K Classrooms	(No Response)
Enhance/Modernize Educational Facilities	(No Response)
Other Costs	(No Response)
Totals:	**0.00**

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

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
(No Response)	(No Response)	(No Response)	(No Response)	0.00
		0	**0.00**	**0**

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

	Sub-Allocation
Construct New Instructional Space	(No Response)
Enhance/Modernize Existing Instructional Space	(No Response)
Other Costs	(No Response)
Totals:	**0.00**

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.

Worcester Central Schools wants to provide a safe and secure environment for all students. There are a number of components to a safe school plan and Worcester proposes using a portion of their allocation to accomplish those goals.
The first goal is video security. The district has a number of cameras but wishes to increase the number of cameras and expand their capacity to record video events. While they have a number of cameras, there are areas of the building which are not covered. The district wishes to purchase additional cameras to cover those areas. Additionally, the analog video server they currently have has very limited capacity. The district needs to save all videos for a minimum of 30 days and specific archives indefinitely.
Another component is door security. Currently, the main doors are secured during the days. Worcester wants to secure additional doors in the building. This includes door swipes for the security badges that they use for access to the main doors.
The district depends on cell phones for emergency communication during power outages. The district has one remaining issue. Due to the rural locations of the district, they depend on limited cell service. The district wishes to install cell phone boosters in strategic locations in the building. These units will boost the cell phone signal, in event of an emergency, the district will have redundant communications.

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. Smart Schools plans with any expenditures in the High-Tech Security category require a project number from the Office of Facilities Planning. Districts must submit an SSBA LOI and receive project numbers prior to submitting the SSIP. As indicated on the LOI, some projects may be eligible for a streamlined review and will not require a building permit.
Please indicate on a separate row each project number given to you by the Office of Facilities Planning.

Project Number
47-25-06-04-0-001-BA1

3. Was your project deemed eligible for streamlined Review?

☑ Yes
☐ No

3a. Districts with streamlined projects must 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.

☑ By checking this box, you certify that the district has reviewed all installations with a licensed architect or engineer of record.

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

Name	License Number
Scott Duell	22982

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

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
Entry Control System	Installation of door swipes and door contacts	12	1,475.00	17,700.00
Entry Control System	Day Automation: Surface Mount Electric Strike Kit for Rim Exit Devices	12	497.00	5,964.00
Entry Control System	Day Automation: 1 in. Recessed Door	12	14.00	168.00

High-Tech Security Features

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
	Contact, Wide-Gap, N.C. Loop			
Entry Control System	HID: iClass/multiClass SE R40/RP40 Reader, HID Prox, Legacy, Wiegand, Black	12	352.00	4,224.00
Other Costs	Verizon Cell Signal Extender SLS-BU10B To provide emergency communication coverage in no signal areas of the building	10	250.00	2,500.00
Entry Control System	Bosch: Passive Infrared REX, 12-30Vdc @ 26mA, Surface Mount, Form C Contacts	12	15.00	180.00
Entry Control System	Professional Services for Engineering/Programming/Proj Management/Checkout	1	14,558.00	14,558.00
Entry Control System	Schneider Electric: xP Module, 4 UI and 4 DO w/Overrides, USA, UL Smoke Rated	2	406.00	812.00
Entry Control System	Bosch: Passive Infrared REX, 12-30Vdc @ 26mA, Surface Mount, Form C Contacts	12	61.00	732.00
Entry Control System	Bosch: Trim Plate for Mounting DS160 REX	12	2.00	24.00
Entry Control System	Day Automation: SAS CP, 24x24x9in N1 Enc HgC, 10A 24Vdc PS w/Battery Back-Up, 1 ACX/2 EMX/8 ACD's	3	812.00	2,436.00
Electronic Security System	UVC G3 PRO 3MP exterior security camera	10	350.00	3,500.00
Electronic Security System	UAS-XG Video Security Storage Server	1	3,500.00	3,500.00
Entry Control System	Day Automation: 1 in. Recessed Door Contact with 10k Ohm Embedded Resistors, Wide-Gap, N.C. Loop	12	20.00	240.00
Entry Control System	Schneider Electric: ACX-5740, 8 Readers, 12 UI, 4 DO, 10/100bT, exp i/o	2	2,223.00	4,446.00
		125	**24,535.00**	**60,984**

6. If you have made an allocation for High-Tech Security Features, complete this table.
Enter each Sub-category Public Allocation based on the the expenditures listed in Table #5.

	Sub-Allocation
Capital-Intensive Security Project (Standard Review)	0.00
Electronic Security System	7,000.00

High-Tech Security Features

	Sub-Allocation
Entry Control System	51,484.00
Approved Door Hardening Project	0.00
Other Costs	2,500.00
Totals:	**60,984.00**