

**WEBSTER CENTRAL SCHOOL
DISTRICT
SMART SCHOOLS INVESTMENT PLAN
OVERVIEW
DECEMBER 4TH, 2015**

*Attached you will find the online submittal required by New York State Department of Education as reference. The District's draft plan follows the same pattern that will need to be submitted for ease of reading. The sections labeled Community Connectivity, Classroom Learning Technology, Pre-Kindergarten Classrooms, and Replace Transportable Classrooms are skipped as the District will not be allocating resources under this project to those areas.

Smart Schools Investment Plan – Overview

1. Contact regarding this submission
 - i. Brian Freeman, Assistant Superintendent for Business
 - ii. 585-216-0017
 - iii. brian_freeman@websterschools.org
2. This will be the first draft of SSIP for Webster Central School District for public comment.
3. Webster Central School District has completed and submitted a District Instructional Technology Plan according to the New York State Education Department in compliance with Section 753 of the Education Law and per Part 100.12 of the Commissioners Regulations. A copy of that plan can be found here at the following link for reference:
<http://www.websterschools.org/departments.cfm?subpage=87760>
4. The district has included the following avenues for stakeholder input:
 - i. District Administration Discussion – July of 2015
 - ii. District Technology Committee Meetings in September, November of 2015
 - iii. District Health and Safety Committee – Fall of 2015

4a) There are several non-public schools in the district at this time. The District will not be purchasing devices to loan at this time, so no consultation was necessary. The District notified all non-public schools.
5.
 - i. The district developed and the school board approved a preliminary Smart Schools Investment Plan – December 10th
 - ii. The preliminary plan was posted on the district website for at least 30 days – December 4th posting of draft plan on District website
 - iii. The school board conducted a hearing on December 3rd
 - iv. Preparation of final plan will be made in mid January after public comment period
 - v. Final approval from BOE at January 21st BOE meeting

5a) The plan will be uploaded to the NYSED portal upon board approval on January 21st
6. The total number of students and staff that will benefit from this plan will number: 10,000 (8,600 students) (1,400 staff members)
7. The school district will not be participating in a consortium to pool funds for these projects.
8. Not applicable since we are not participating in a consortium.

9. Not applicable since we are not participating in a consortium.

10. The total available funds to Webster is : \$4,432,162

11. Budget Allocations

Categories	Sub-Allocations
School Connectivity	\$3,000,000
Connectivity Projects for Communities	\$0
Classroom Technology	\$0
Pre-Kindergarten Classrooms	\$0
Replace Transportable Classrooms	\$0
High Tech Security Features	\$1,432,162
Total	\$4,432,162

Smart Schools Investment Plan – School Connectivity

1. The district intends to expand on overall structure of the Webster Central School District to add density and capacity for continuous coverage for all student and staff devices to provide the highest level of access to resources to support rigorous learning. This work will be completed by adding additional wired switches and network ports to our current platform to increase the overall number of wireless access points throughout each building for increased coverage. The district intends to replace aging wireless access points and add additional wireless access points to all buildings where coverage is limited or slow. The district also intends to boost server capacity across all buildings, upgrade wiring into classrooms as well. Currently, Klem South and Klem North are connected to one server unit; this project will separate the two, as well as the same scenario that is at Plank North and Plank South. The district is also going to repurpose classroom space for distance learning capabilities.
2. As a district, we are looking to incorporate the practice of differentiating instruction helps teachers address rigorous standards while responding to the individual needs of students. Through the use of digital connectivity and technology, we want to provide our students and teachers the access to differentiated learning opportunities. Through digital connectivity and technology, we want our teachers to focus on essential skills in each content area, be responsive to individual differences, incorporate assessment into instruction, and provide students with multiple opportunities to personalize and leverage their learning. Overall, we want teachers to determine the most appropriate time in instruction to incorporate technology and digital connectivity to leverage student learning.
3. At this time, all Webster CSD buildings exceed the FCC minimum speed standard of 100Mbps per 1,000 students.
4. The district has engaged in Annese & Associates to perform a complete analysis of the district's current network and access points. They performed the original wireless network study several years ago and are familiar with the building layouts and network to perform this work.
5. The NYS Office of Facilities Planning has received our letters of intent and assigned the following project numbers:
 - a. 26-19-01-06-7-999-SB1 and 26-19-01-06-7-999-002
6. Certain portions of the project have been designated for streamlined review. For school connectivity the replacement of existing access points is set for streamlined review. In addition any server closet upgrades that add additional equipment will be set for streamlined review. Those will fall under the project number: 26-19-01-06-7-999-SB1. Any additional access points, the upgrade of wiring, and repurposing of classroom technologies, separating of the Klem North/Klem South and Plank North/Plank South will require submittal to Facilities Planning through project number: 26-19-01-06-7-999-002.

7. Victor Tomaselli, SEI Architects

8. Budget Allocations – School Connectivity

Categories	Sub-Allocations
Network Access Costs	\$1,000,000
Outside Plant Costs	\$0
School Internal Connections and Components	\$1,500,000
Professional Services	\$500,000
Testing	\$0
Other Upfront Costs	\$0
Other Costs	\$0
Total	\$3,000,000

Smart Schools Investment Plan – High Tech Security Features

1. The district will engage in adding the following at all 11 buildings: key card readers at outside access doors, rekey outside access doors, new internal door hardware (internal locking mechanisms), replace outdated outdoor security cameras, add additional outside security cameras (all buildings), replace indoor security cameras (secondary level), add additional indoor security cameras to main office and hallway areas at elementary levels. The district will also increase server storage capacity and backup capabilities to handle the additional camera installation.

2. The NYS Office of Facilities Planning has received our letters of intent and assigned the following project numbers:
 - a. 26-19-01-06-7-999-SB1 and 26-19-01-06-7-999-002

3. Certain portions of the project have been designated for streamlined review. The replacement of existing cameras designated as such is set for streamlined review. In addition any server upgrades that are associated with those replacements will be set for streamlined review. Those will fall under the project number: 26-19-01-06-7-999-SB1. The rekeying of outside access doors, additional security camera installation at all buildings, additional key card access at all buildings, and new door hardware with internal locking mechanisms will fall under project number: 26-19-01-06-7-999-002.

4. Victor Tomaselli, SEI Architects

5. Budget Allocations – High-Tech Security Features

Categories	Sub-Allocations
Network Access Costs	\$1,432,162
Outside Plant Costs	\$0
School Internal Connections and Components	\$0
Professional Services	\$0
Testing	\$0
Other Upfront Costs	\$0
Other Costs	\$0
Total	\$1,432,162

WEBSTER CSD

Smart Schools Investment Plan -

SSIP Overview

Status Date: 08/14/2015 00:51 PM

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

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

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

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

First submission
Supplemental submission
Amended 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

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.

5a. Please upload the proposed Smart Schools Investment Plan (SSIP) that was posted on the district's website. Note that this should be different than your recently submitted Educational Technology Survey.

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.

WEBSTER CSD

Smart Schools Investment Plan -

SSIP Overview

Status Date: 08/14/2015 00:51 PM

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
----------------------	---------------

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

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

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	
Connectivity Projects for Communities	
Classroom Technology	
Pre-Kindergarten Classrooms	
Replace Transportable Classrooms	
High-Tech Security Features	
Totals:	

WEBSTER CSD

Smart Schools Investment Plan -

School Connectivity

Status Date: 08/14/2015 00:51 PM

1. Briefly describe how you intend to use Smart Schools Bond Act funds for high-speed broadband and/or wireless connectivity projects in school buildings.
2. Briefly describe the linkage between the district's District Instructional Technology Plan and the proposed projects. (There should be a link between your response to this question and your response to Question 1 in Part E. Curriculum and Instruction "What are the district's plans to use digital connectivity and technology to improve teaching and learning?")
3. To ensure that districts maximize the return on their investment in education technology and devices, Smart Schools Bond Act funds used for technology infrastructure investments must increase the number of school buildings that meet or exceed the Federal Communications Commission minimum speed standard of 100 Mbps per 1,000 students.

Please describe how you will use SSBA funds to meet this standard.

- 3a. 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.

4. 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.

5. As indicated on Page 5 of the guidance, the Office of Facilities Planning will have to conduct a preliminary review of all capital projects, including connectivity projects.

Project Number

6. 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
No

- 6a. 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.

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

Name

License Number

8. 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.

WEBSTER CSD
Smart Schools Investment Plan -

School Connectivity

Status Date: 08/14/2015 00:51 PM

	Sub- Allocation
Network/Access Costs	
Outside Plant Costs	
School Internal Connections and Components	
Professional Services	
Testing	
Other Upfront Costs	
Other Costs	
Totals:	

9. Please specify what is included under Other Costs above.

WEBSTER CSD

Smart Schools Investment Plan -

Community Connectivity (Broadband and Wireless)

Status Date: 08/14/2015 00:51 PM

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

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	
Outside Plant Costs	
Tower Costs	
Customer Premises Equipment	
Professional Services	
Testing	
Other Upfront Costs	
Other Costs	
Totals:	

7. Please specify what is included under Other Costs above.

WEBSTER CSD

Smart Schools Investment Plan -

Classroom Learning Technology

Status Date: 08/14/2015 00:51 PM

1. As a precondition to any purchase of devices using a Smart Schools allocation, a district must increase the number of school buildings that meet or exceed the Federal Communications Commission minimum speed standard of 100 Mbps per 1,000 students.

Please describe how your district already meets or is planning to meet this standard within 12 months of plan submission.

- 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. 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.

3. 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.

4. Describe the devices you intend to purchase and their compatibility with existing or planned platforms or systems.

5. 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?")

6. Where appropriate, briefly describe how the proposed technology purchases will enhance ongoing communication with parents and other stakeholders and help the district facilitate technology-based regional partnerships, including distance learning and other efforts.

- 7. 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."

- 8. 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.

- 9. The Smart Schools Bond Act provides that any district hardware 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. Accordingly, a district Smart Schools Investment Plan that 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

- 9a. All students attending nonpublic schools in your District are eligible to receive loans of classroom technology equal on a per pupil basis to the per pupil amounts spent on classroom technology for public school students (up to \$250/pupil.)

See:

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

Describe your plan to loan purchased hardware to nonpublic schools within your district. The plan should use your district's budget for classroom devices to calculate the nonpublic student loan amount, within the framework of the guidance.

- 9b. 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.

- 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.

WEBSTER CSD

Smart Schools Investment Plan -

Classroom Learning Technology

Status Date: 08/14/2015 00:51 PM

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. 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	
Computer Servers	
Desktop Computers	
Laptop Computers	
Tablet Computers	
Other Costs	
Totals:	

13. Please specify what is included under Other Costs above.

WEBSTER CSD

Smart Schools Investment Plan -

Pre-Kindergarten Classrooms

Status Date: 08/14/2015 00:51 PM

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

Project Number

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	
Enhance/Modernize Educational Facilities	
Other Costs	
Totals:	

6. Please specify what is included under Other Costs above.

WEBSTER CSD

Smart Schools Investment Plan -

Replace Transportable Classrooms

Status Date: 08/14/2015 00:51 PM

1. Describe the district's plan to construct, enhance or modernize education facilities to provide high-quality instructional space by replacing transportable classrooms.
2. All plans and specifications for the erection, repair, enlargement or remodeling of school buildings in any public school district in the State must be reviewed and approved by the Commissioner. Districts that plan capital projects using their Smart Schools Bond Act funds will undergo a Preliminary Review Process by the Office of Facilities Planning.

Project Number

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.

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	
Enhance/Modernize Existing Instructional Space	
Other Costs	
Totals:	

5. Please specify what is included under Other Costs above.

WEBSTER CSD

Smart Schools Investment Plan -

High-Tech Security Features

Status Date: 08/14/2015 00:51 PM

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

Project Number

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
------	----------------

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)	
Main Entrance Electronic Security System (Streamlined Review)	
Main Entrance Entry Control System (Streamlined Review)	
Approved Door Hardening Project (Streamlined Review)	
Other Costs	
Totals:	

6. Please specify what is included under Other Costs above.