

TIOGA 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.

Scot Taylor

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

607-687-8000

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

STaylor@tiogacentral.org

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

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 (Checked)

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 (Checked)

Teachers (Checked)

Students (Checked)

Community members (Checked)

- 4a. If your district contains non-public schools, have you provided a timely opportunity for consultation with these stakeholders?

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.

(No Response)

- 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.

(No Response)

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.

1,075

TIOGA 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.

(No Response)

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:

\$1,080,145

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	55,000
Connectivity Projects for Communities	0
Classroom Technology	150,000
Pre-Kindergarten Classrooms	725,145
Replace Transportable Classrooms	0
High-Tech Security Features	150,000
Totals:	1,080,145.00

TIOGA 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.

The Tioga Central School District will be implementing a one-to-one learning environment. Tioga classrooms will utilize wireless devices that incorporate innovation, digital literacy and career and life skills. The product of this integration will be authentic learning tasks that align to New York State Education Standards and can be integrated into future curricular objectives and instructional units/lessons. Tioga teachers would utilize this capacity both in instruction as well as in the development of lifelong student learning skills.

The district will utilize the ERate funding source to accomplish two connectivity projects to achieve these goals and use the Smart Schools funding to cover the portion of these projects not funded by ERate. The district will upgrade a solid wired infrastructure for our students. In order to meet the demands of today's world, we will install additional wireless access points, improve connectivity between data closets, replace outdated network cabling, and improvements to network/data closets.

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?")

The development of technology tools that support communication and collaboration have given rise to rich online communities. These communities can provide opportunities for teachers to become learners, students to facilitate conversation and collaboration as well as extending the learning environment. The district wishes to increase equitable access to technology through the use of the mobile wireless technologies. Technology-based learning and assessment systems will be pivotal in improving student learning and generating data that can be used to continuously improve education systems at all levels. Technology will help us execute collaborative teaching strategies combined with professional learning to better connect our educators. Finally, technology will help students to meet college and career readiness goals.

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.

The district currently meets this requirement through the Broome Tioga BOCES and operates a 1Gb connection for 1027 students.

- 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.

(No Response)

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.

The Tioga Central School District has worked closely with Broome Tioga BOCES to review our buildings and met with administration and the technology team to understand our goals. The District's current wireless system meets the current needs and will be expanded as additional devices are added to the system.

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

(No Response)

TIOGA CSD
Smart Schools Investment Plan -

School Connectivity

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

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?

- 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.

(No Response)

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

Name	License Number
Gary Henry	283811

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.

	Sub-Allocation
Network/Access Costs	(No Response)
Outside Plant Costs	(No Response)
School Internal Connections and Components	55,000
Professional Services	(No Response)
Testing	(No Response)
Other Upfront Costs	(No Response)
Other Costs	(No Response)
Totals:	55,000.00

9. To the extent possible, 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)

TIOGA 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.

(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).

(No Response)

4. Please describe the physical location of the proposed investment.

(No Response)

5. Please provide the initial list of partners participating in the Community Connectivity Broadband Project, along with their Federal Tax Identification (Employer Identification) number.

Project Partners	Federal ID #
(No Response)	(No Response)

6. If you are submitting an allocation for Community Connectivity, complete this table.

Note that the calculated Total at the bottom of the table must equal the Total allocation for this category that you entered in the SSIP Overview overall budget.

	Sub-Allocation
Network/Access Costs	(No Response)
Outside Plant Costs	(No Response)
Tower Costs	(No Response)
Customer Premises Equipment	(No Response)
Professional Services	(No Response)
Testing	(No Response)
Other Upfront Costs	(No Response)
Other Costs	(No Response)
Totals:	

7. To the extent possible, 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)

TIOGA 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.

The district currently meets this requirement through the Broome Tioga BOCES and operates a 1Gb connection for 1027 students

- 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.

(No Response)

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.

The Tioga Central School District's wireless infrastructure meet their current needs, however with the addition of additional devices purchased through this program the wireless infrastructure will need to be expanded. the district plans to utilize ERate and Smart Schools funding to expand the current wireless system to meet all future needs.

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. (Checked)

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

The Tioga Central School District currently uses Chrome Books in their educational program and was a participant in the NYSED sponsored Educational Resource Strategies (ERS) school design study. This resulted in a pilot program to utilize this technology to promote student literacy and assessment tool in the classroom. The district plans to expand on the pilot program and provide Chrome Books for students as they transition into higher grade levels. The plan is to purchase a total of 500 new chrome books over a multiple years. This will allow for a multiple year sustainability replacement program to be implemented.

TIOGA CSD

Smart Schools Investment Plan -

Classroom Learning Technology

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

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?")

(No Response)

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.

(No Response)

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."

(No Response)

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. (Checked)

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?

No

TIOGA CSD
Smart Schools Investment Plan -

Classroom Learning Technology

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

- 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.

(No Response)

- 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.

(No Response)

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. (Checked)

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. (Checked)

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	(No Response)
Computer Servers	(No Response)
Desktop Computers	(No Response)
Laptop Computers	150,000
Tablet Computers	(No Response)
Other Costs	(No Response)
Totals:	150,000.00

13. To the extent possible, please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category.

TIOGA CSD

Smart Schools Investment Plan -

Classroom Learning Technology

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

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)

TIOGA 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.

The Tioga Central School district currently provides three half day Pre-K classes for 44 students in 2 classrooms located in the elementary school. The existing classrooms do not meet the minimum size standards set by SED for a Pre-K program. The district does not anticipate any significant changes in enrollment over the next three 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.

The Tioga CSD plan is to relocate their Pre-K program to the existing administration building, originally built as classroom space and maintain the three half day classes. The building will be renovated to create 2 new classrooms that meet the minimum SED class size requirement of 900sf for a Pre-K classroom. This stand alone building is owned by the district and is directly adjacent to the school proper, It has its own parking area with parent pickup and drop off, and fenced playground area. This move would greatly improve the educational environment for the Pre-K student and provide greater security for both students and staff. The estimated cost to renovate this building to meet the Pre-K educational program is \$725,145.

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.

The Tioga Central School District is not adding additional Pre-K classrooms to the program. The District plans to use the instructional materials, supplies, and furnishings it is currently using for the Pre-K program. Additional funds are not anticipated for this relocation.

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
(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	550,000
Enhance/Modernize Educational Facilities	(No Response)
Other Costs	175,145
Totals:	725,145.00

6. To the extent possible, please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category.

TIOGA CSD

Smart Schools Investment Plan -

Pre-Kindergarten Classrooms

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

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
Construct Pre-K Classrooms	Roof Replacement	1	0	0
Construct Pre-K Classrooms	Window Replacement	1	0	0
Construct Pre-K Classrooms	Exterior Door Replacement	1	0	0
Construct Pre-K Classrooms	Reconfigure Interior Space	1	0	0
Construct Pre-K Classrooms	New Finishes	1	0	0
Construct Pre-K Classrooms	Energy Performance Improvements	1	0	0
Construct Pre-K Classrooms	New Toilet Rooms for Students and Staff	1	0	0
Construct Pre-K Classrooms	2 New Pre-K Classrooms	1	0	0
Construct Pre-K Classrooms	Asbestos Abatement	1	0	0
Construct Pre-K Classrooms	Exterior Finish Improvements	1	0	0
Construct Pre-K Classrooms	New Mechanical systems	1	0	0
Construct Pre-K Classrooms	New electrical Systems	1	0	0
Construct Pre-K Classrooms	New Plumbing Systems	1	0	0
Construct Pre-K Classrooms	Total Pre-K construction	1	550,000	550,000
Other Costs	Total Incidental Costs	1	175,145	175,145

TIOGA 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.

(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.

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)
Totals:	

5. To the extent possible, 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)

TIOGA 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.

The Tioga Central School District plans to install access control devices at exterior doors to improve overall building, student and staff security. The District plans to replace all classroom door locksets throughout the school to allow the ability to secure the rooms from the inside of the classroom during an emergency lockdown situation. Current lockset operation requires the teacher to lock the door with a key from the corridor side placing the teacher and students in a potentially dangerous situation. The District plans to replace exterior door hardware to improve overall building, student and staff security

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
(No Response)

3. Was your project deemed eligible for streamlined Review?

- 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.

(No Response)

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

Name	License Number
Gary Henry	283811

5. If you have made an allocation for High-Tech Security Features, complete this table.

Note that the calculated Total at the bottom of the table must equal the Total allocation for this category that you entered in the SSIP Overview overall budget.

	Sub-Allocation
Capital-Intensive Security Project (Standard Review)	(No Response)
Main Entrance Electronic Security System (Streamlined Review)	(No Response)
Main Entrance Entry Control System (Streamlined Review)	58,000
Approved Door Hardening Project (Streamlined Review)	72,000
Other Costs	20,000
Totals:	150,000.00

6. To the extent possible, please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category.

TIOGA CSD

Smart Schools Investment Plan -

High-Tech Security Features

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

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
Main Entrance Entry Control System	Install Access Control System on Exterior Doors	10	5,800	58,000
Other Costs	Total Incidental Cost	1	20,000	20,000
Approved Door Hardening Project	Replace Interior Classroom Door Hardware and Exterior Door Hardware	120	600	72,000