

Smart Schools Investment Plan - 490301060000-1

SSIP Overview

Page Last Modified: 07/11/2017

Group 1

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

James McHugh

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

518-207-2525

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

mchughja@egcsd.org

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

Supplemental submission

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

By checking this box, you certify that the school district has an approved District Instructional Technology Plan survey on file with the New York State Education Department.

 District Educational Technology Plan Submitted to SED and Approved

4. Pursuant to the requirements of the Smart Schools Bond Act, the planning process must include consultation with parents, teachers, students, community members, other stakeholders and any nonpublic schools located in the district.

By checking the boxes below, you are certifying that you have engaged with those required stakeholders. Each box must be checked prior to submitting your Smart Schools Investment Plan.

- Parents
 Teachers
 Students
 Community members

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

- Yes
 No
 N/A

5. Certify that the following required steps have taken place by checking the boxes below: Each box must be checked prior to submitting your Smart Schools Investment Plan.

- The district developed and the school board approved a preliminary Smart Schools Investment Plan.
 The preliminary plan was posted on the district website for at least 30 days. The district included an address to which any written comments on the plan should be sent.
 The school board conducted a hearing that enabled stakeholders to respond to the preliminary plan. This hearing may have occurred as part of a normal Board meeting, but adequate notice of the event must have been provided through local media and the district website for at least two weeks prior to the meeting.
 The district prepared a final plan for school board approval and such plan has been approved by the school board.
 The final proposed plan that has been submitted has been posted on the district's website.

Smart Schools Investment Plan - 490301060000-1

SSIP Overview

Page Last Modified: 07/11/2017

- 5a. Please upload the proposed Smart Schools Investment Plan (SSIP) that was posted on the district's website, along with any supporting materials. Note that this should be different than your recently submitted Educational Technology Survey. The Final SSIP, as approved by the School Board, should also be posted on the website and remain there during the course of the projects contained therein.

Smart Schools Investment Plan (SSIP) Updated Expenditure Timeline - 110%2F02%2F2016.pptx
 Smart_School_Investment_Plan_Hearing_December_2015 (1).pptx

- 5b. Enter the webpage address where the final Smart Schools Investment Plan is posted. The Plan should remain posted for the life of the included projects.

<http://egcsd.org/academics/curriculum/>

- 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.

4,500

- 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
NA	(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:

\$2,312,974

- 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	173,450
Connectivity Projects for Communities	0
Classroom Technology	195,867
Pre-Kindergarten Classrooms	0
Replace Transportable Classrooms	0
High-Tech Security Features	0
Totals:	369,317

Smart Schools Investment Plan - 490301060000-1

School Connectivity

Page Last Modified: 07/06/2017

Group 1

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.

The District purchases 500 Mbps broadband through the Northeast Regional Information Center's shared services CoSer.

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

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

2. Connectivity Speed Calculator (Required)

	Number of Students	Multiply by 100 Kbps	Divide by 1000 to Convert to Required Speed in Mb	Current Speed in Mb	Expected Speed to be Attained Within 12 Months	Expected Date When Required Speed Will be Met
Calculated Speed	4,068	406,800	406.8	500	500	Met

Smart Schools Investment Plan - 490301060000-1

School Connectivity

Page Last Modified: 07/06/2017

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

In Smart Bond Proposal 490301060000-1 the initial wiring costs which are necessary to support the expenditures for whole group instructional display technology included in the Classroom Learning Technology category will be covered through a separate bond proposal which was approved by our local taxpayers on May 16, 2017. Wiring will be required for network connectivity at each display location, in order to provide electrical and video transmission cabling to each device which we requested in proposal 490301060000-1.

Our local bond proposal which received voter approval on May 16, 2017 will cover our wiring costs. The professional services which are requested under School Connectivity are for design and development work related to our voter approved wiring project.

In order for students to receive the maximum benefit of the technology which is requested in this proposal, the district fully understands that additional enhancements of our buildings' infrastructure, such as this wiring which we referenced, are necessary. Our local voters have approved those expenditures as a capital construction cost.

We plan to utilize Distance Learning to both host and receive various courses which support students' pursuing various pathways to graduation. The purchase of Instructional display technology will allow all teachers to fully utilize all components of the instructional resources purchased, such as enVision Mathematics and Reading Street.

The instructional display technology will allow teachers from one room to another as well as from one school to another to plan, collaborate and share best practices which will enhance teaching and learning throughout our district.

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

The District identified increased access to technology by faculty and students and increased professional development as the two most powerful factors influencing teaching and learning. The Technology Plan was developed in response to the findings of a district wide survey hosted by the Northeast Regional Information Center, that identified student and teacher access to technology as essential for developing the knowledge and skills needed for College and Career Readiness. College and Career Readiness is aligned with 21st Century Skills and defined as communication, collaboration, critical thinking and creativity. The District adopted a Bring Your Own Device Policy (BYOD) in December of 2014 and conducted a limited pilot at the high school using BYOD instructional strategies. The purchase of student and faculty instructional devices will be through Smart Schools Bond Act Funding. Faculty knowledge of instructional technology will be enhanced by increasing professional development opportunities. All Faculty and Administrators will have the opportunity to participate in a minimum of two hours of technology focused professional development annually during Superintendent's Conference Days and building level meetings. This Professional Development began in September 2015. Professional development will focus on Communication, Collaboration, Critical Thinking and foundations skills associated with Google Applications in Education. All classrooms will have the wireless capability, for Bring Your Own Device (BYOD) activities for instructional purposes. Professional design and installation services by Architectural and Technology Design Service providers will help to ensure that the technology solutions purchased for classrooms provide the district's students and staff with increased access to effective teaching and learning technology. Design of specific display device installations throughout the district's classrooms will enhance the use of both district owned devices and BYOD devices, and will support new teaching strategies as Staff Development progresses. Properly designed, professional installations will help ensure the district goal of better reaching learners using multimedia and interactive lesson delivery to support improved student outcomes.

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 East Greenbush Central School District has a current construction project that increases Wi-Fi bandwidth and connectivity by increasing wiring, bandwidth speeds in all wiring closets and increasing the number and location of Wireless Access Points (WAPS) in all instructional areas, in all buildings. The District conducted a wireless pilot at the high school to gauge what the expected future district wide demand will be for wireless, this information informed the district wide wireless project. Project management services will be provided by the East Greenbush Central School District's Architect for the design of wireless services in order to meet the instructional needs of our students we serve. Our district's architect will design our wireless network infrastructure based on location of use and current signal propagation within the existing school buildings' infrastructure. They will also be managing the purchase of required equipment as well as the installation of that equipment by certified installers.

Smart Schools Investment Plan - 490301060000-1

School Connectivity

Page Last Modified: 07/06/2017

6. As indicated on Page 5 of the guidance, the Office of Facilities Planning will have to conduct a preliminary review of all capital projects, including connectivity projects.
Please indicate on a separate row each project number given to you by the Office of Facilities Planning.

Project Number
49-03-01-06-7-999-004

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
Mr. Bryan Manning	21084

9. If you are submitting an allocation for School Connectivity complete this table.
Note that the calculated Total at the bottom of the table must equal the Total allocation for this category that you entered in the SSIP Overview overall budget.

	Sub-Allocation
Network/Access Costs	0
Outside Plant Costs	0
School Internal Connections and Components	0
Professional Services	158,450
Testing	0
Other Upfront Costs	0
Other Costs	15,000
Totals:	173,450

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

Smart Schools Investment Plan - 490301060000-1

School Connectivity

Page Last Modified: 07/06/2017

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
Professional Services	Architectural Design and Development Costs	1	118,450	118,450
Other Costs	Legal & Accounting Costs for Design	1	15,000	15,000
Professional Services	Project Management Services - CS Arch Arch	1	40,000	40,000

Smart Schools Investment Plan - 490301060000-1

Community Connectivity (Broadband and Wireless)

Page Last Modified: 11/01/2016

Group 1

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

NA

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.

NA

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.

NA

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 #
NA	(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	0
Outside Plant Costs	0
Tower Costs	0
Customer Premises Equipment	0
Professional Services	0
Testing	0
Other Upfront Costs	0
Other Costs	0
Totals:	0

7. Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category. This is especially important for any expenditures listed under the "Other" category. All expenditures must be capital-bond eligible to be reimbursed through the SSBA. If you have any questions, please contact us directly through smartschools@nysed.gov.

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

Smart Schools Investment Plan - 490301060000-1

Community Connectivity (Broadband and Wireless)

Page Last Modified: 11/01/2016

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)	NA	(No Response)	(No Response)	(No Response)

Smart Schools Investment Plan - 490301060000-1

Classroom Learning Technology

Page Last Modified: 07/06/2017

Questions

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.

The District purchases 500 Mbps broadband through the Northeast Regional Information Center shared services CoSer. All elementary and secondary school buildings will be equipped with technology and Wi-Fi access that will allow for simultaneous participation in all state assessment by September 2018. All instructional areas in all buildings will have Wi-Fi access.

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

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

2. **Connectivity Speed Calculator (Required)**

	Number of Students	Multiply by 100 Kbps	Divide by 1000 to Convert to Required Speed in Mb	Current Speed in Mb	Expected Speed to be Attained Within 12 Months	Expected Date When Required Speed Will be Met
Calculated Speed	4,068	406,800	406.8	500	500	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 East Greenbush Central School District has a current construction project that increases Wi-Fi bandwidth and connectivity by increasing wiring, bandwidth speeds in all wiring closets and increasing the number and location of Wireless Access Points (WAPS) in all instructional areas, in all buildings. The District conducted a wireless pilot at the high school to gauge what the expected future district wide demand will be for wireless, this information informed the district wide wireless project.

Smart Schools Investment Plan - 490301060000-1Classroom Learning Technology

Page Last Modified: 07/06/2017

4. **All New York State public school districts are required to complete and submit an Instructional Technology Plan survey to the New York State Education Department in compliance with Section 753 of the Education Law and per Part 100.12 of the Commissioner's Regulations.**

Districts that include educational technology purchases as part of their Smart Schools Investment Plan must have a submitted and approved Instructional Technology Plan survey on file with the New York State Education Department.

By checking this box, you are certifying that the school district has an approved Instructional Technology Plan survey on file with the New York State Education Department.

5. **Describe the devices you intend to purchase and their compatibility with existing or planned platforms or systems. Specifically address the adequacy of each facility's electrical, HVAC and other infrastructure necessary to install and support the operation of the planned technology.**

During the first year of purchasing instructional hardware the District intends to purchase Interactive Whiteboards and LCD Display Panels that allow instructional faculty to create engaging lessons that emphasize joint activities over traditional lecture format instructional delivery methods. Installation of the LCD Display Panels and Whiteboards, using tilt mounting and mobile cart kits, will be designed and completed by an outside vendor. All new Whiteboards and LCD Flat Panel Display technology will operate with existing desktop computers purchased in September of 2015. Architectural and classroom technology design services, as well as district facility personnel, will be engaged to ensure that sufficient, safe electrical supply and local structural support exists for connection of all technology devices being purchased and installed.

The District intends to purchase and loan Chromebooks with licensing, iPads, BluRay players and Cisco switches to connect all of those devices, which the private schools, Holy Spirit and Woodland Hills Montessori that are located within our boundaries, have requested. Both schools have had conversations with the District, been invited to Technology Committee meetings and received formal notification of the opportunity to borrow instructional technology. The purchase and loan of requested equipment is for student instruction.

Smart Schools Investment Plan - 490301060000-1Classroom Learning Technology

Page Last Modified: 07/06/2017

6. Describe how the proposed technology purchases will:
- > enhance differentiated instruction;
 - > expand student learning inside and outside the classroom;
 - > benefit students with disabilities and English language learners; and
 - > contribute to the reduction of other learning gaps that have been identified within the district.

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

The District Technology Plan was developed in response to the findings of a district wide survey hosted by the Northeast Regional Information Center. This survey ranked the following major areas of need; increased access to technology by faculty and students was identified as essential for developing the knowledge and skills needed for College and Career Readiness, and increased professional development for faculty was listed as the most powerful factor influencing teaching and learning. These findings informed the goal development associated with the Instructional Technology Plan and are the foundation for the planned use of Smart Schools Bond Act funding. The purchase of student and faculty classroom display and instructional devices will be through the Smart Schools Bond Act Funding.

The District will continue to maintain a hardware and software budget that is dedicated to the purchasing of assistive and adaptive technology for Students with Disabilities. The District has 80% of all students with disabilities and English as a New Language Students integrated into the mainstream environment for instruction and above a 95% participation rate in state assessments. All students will have access to the same hardware purchased for instructional delivery. The District will continue to participate in professional development that targets the support of Students with Disabilities and English as a New Language Students using Universal Designs for Instruction supported by technology. Currently Students with Disabilities and English as a New Language Students have access to iPads and Chromebooks with adaptive applications for instruction. Specific skills are addressed using wireless and display technology for students with disabilities or those who are learning English as a new language. Software, and iPad or Chromebook Apps, already in use or planned for purchase for the new devices, such as Grace, Tap-to-Talk or Proloquo are used with Autistic and non-verbal students to help them make their thoughts and desires known. Visual Schedules, Earn-it-Stars and Classdojo can help with behavior concerns related to triggering events, transitions, or behavior contracts and expectations between the teacher and student. Beyond special needs students, English Language Learners use software and Apps such as Duolingo, ELLis and Talk Shop, as well as sight word and vocabulary listings to move toward basic English fluency in an engaging, current, rapid fashion. General education students in the same inclusive environment similarly benefit from the same types of multimedia presentation of learning materials, increased communication and engagement with their Special Education peers and an opportunity to engage with the learning materials through repetition, color, sound, and varying levels of reading difficulty and vocabulary complexity. Simple document cameras attached to the anticipated display technology also allows display of authentic, student created work during whole group instruction, as exemplars and as a learning tool.

Students who are identified as at risk of not meeting the New York State Common Core Learning Standards often participate in specialized programming that allows them to receive content instruction in a lower teacher student ratio. Each of these specialized learning environments is equipped with equitable instructional hardware.

Smart Schools Investment Plan - 490301060000-1

Classroom Learning Technology

Page Last Modified: 07/06/2017

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.**

The District is interested in expanding learning opportunities outside of the classroom using Anywhere, Anytime Access strategies, developing engaging and interactive instructional delivery techniques and increasing access to student specific performance data to address learning gaps. In an effort to improve Anywhere, Anytime Access the District is expanding wireless access to all instructional settings in all buildings and expanding the use of Google Applications. All Email and curriculum documents were moved off of the District network to Gmail and Google Documents on September 7, 2015. Teachers are now able to access all curriculum and participate in the development of curriculum electronically and remotely. Teachers will begin to develop Google Classroom Spaces for increased parent and student communication allowing for more individualized communication. Parent training targeting Google Applications in Education and Anywhere, Anytime Learning is scheduled for September 2016. Teams of teachers are developing parent and students instructional Google Applications in Education video clips that will be placed on the East Greenbush Central School District Website. K-8 instructional videos for students will be aligned to the International Standards for Technology in Education and the Common Core Learning Standards. Parent videos will inform parents of instructional strategies using technology including Anytime, Anywhere Access and Flipped Learning.

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."

In anticipation of the Smart Schools Investment Plan's infusion of funding dedicated to instructional technology the faculty and administrators received four hours of professional development covering the use of Google Applications Platform on September 2, 2015 and had full access by September 8, 2015. Informational videos were developed and posted to the District's web page for ongoing professional development. The District plans on providing 4 hours of technology related professional development each year for faculty and developing training videos for parents and students also posted to the school website.

Additional staff development is planned for the 2016-2017 school year. The training will provide hands on sessions in each school building to make it easier for teachers to promote confidence and ease in using Instructional technology. We developed a plan using some of the District's Instructional technology "enthusiasts" who will be given classroom release time from their teaching duties to go to another assigned building and work in the building's computer lab for full days to facilitate learning on a small scale using a bring and take approach. Teachers in the building may use their prep periods, planning time or any free time to attend Professional Development sessions where they bring a lesson that they wish to develop and leave with a completed, technology infused lesson and the skills to create their own similar lessons in the future. Examples include Google Docs shared editing to enable student collaborative group projects, use of Edmodo to post digital resources for students to access or download for completing assignments and how to create polls for students to vote online using wireless BYOD technology devices for formative assessment of student learning in new lesson areas.

All students, grades 9-12 were provided with a District Gmail account by January 2016. Elementary and middle school students will be given Gmail addresses and Google access in September 2016. Elementary students, grades 3-6, will be able to Email other internal students and teachers and secondary students will be able to Email internal and external parties. The District will identify a district wide, grades 3- 8, Technology Curriculum to prepare students for electronic submission of word processed documents, improve student research skills, increase authentic learning opportunities, develop web based presentations and publications, increase student to student and student to teacher collaboration within and outside of the classroom, and to expand virtual learning opportunities using technology by September 2017.

The District is developing a Student Help Desk at the High School and will identify High School Students who will receive specialized instruction and serve as Student Trainers for our Students.

9. **Districts must contact the SUNY/CUNY teacher preparation program that supplies the largest number of the district's new teachers to request advice on innovative uses and best practices at the intersection of pedagogy and educational technology.**

By checking this box, you certify that you have contacted the SUNY/CUNY teacher preparation program that supplies the largest number of your new teachers to request advice on these issues.

Smart Schools Investment Plan - 490301060000-1

Classroom Learning Technology

Page Last Modified: 07/06/2017

9a. Please enter the name of the SUNY or CUNY Institution that you contacted.

SUNY - Albany School of Education

9b. Enter the primary Institution phone number.

(518) 442-3300

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. Robert Bangert-Downs

10. A district whose Smart Schools Investment Plan proposes the purchase of technology devices and other hardware must account for nonpublic schools in the district.

Are there nonpublic schools within your school district?

- Yes
- No

10a. Describe your plan to loan purchased hardware to nonpublic schools within your district. The plan should use your district's nonpublic per-student loan amount calculated below, within the framework of the guidance. Please enter the date by which nonpublic schools must request classroom technology items. Also, specify in your response the devices that the nonpublic schools have requested, as well as in the in the Budget and the Expenditure Table at the end of the page.

The Board of Education amended the current Relationship with Nonpublic Schools Policy # 1740 and Regulation #1740-R to include annual notification and lending deadlines and procedures. Upon request, the District will loan, at no charge, technology obtained as part of the Smart Schools Bond Act, including interactive whiteboards, and desktop, laptop, and tablet computers to children attending nonpublic schools located within our District boundaries. All requests for the purchase and loan of Smart Schools Bond Act classroom technology must be received by the District on or after June 1, but no later than June 30 of the school year prior to that for which such technology is being requested. All nonpublic schools within the District's boundaries will be provided with notice of this request date on or before March 1 of each year. A parent or guardian of a child not attending a non-public school prior to June 30 may submit a written request for Smart Schools classroom technology within thirty (30) days after such child becomes enrolled in such nonpublic school. All other requests made after the June 30 deadline will be denied.

Upon request, the District will loan, at no charge, technology obtained as part of the Smart Schools Bond Act, including interactive whiteboards, and tablet computers to children attending nonpublic schools, Holy Spirit School and Woodland Hill Montessori, located within our District boundaries. A copy of the policy and regulation was sent to the private schools that are housed within the District's boundaries Each school received written documentation detailing the type of equipment available and amount allocated for each location. Both sites were also invited to participate in the planning process and will be permitted to borrow instructional technology and devices in the amount calculated according to the formula outlined in the following section. Both nonpublic sites requested Chromebooks, networking equipment, display technology and other devices for their instructional program delivery.

The East Greenbush Central School District is going over the Total Nonpublic Loan Amount by \$1,122. which results in a total nonpublic per-pupil sub allocation of \$49.00 to best support their instructional needs in technology.

10b. A final Smart Schools Investment Plan cannot be approved until school authorities have adopted regulations specifying the date by which requests from nonpublic schools for the purchase and loan of Smart Schools Bond Act classroom technology must be received by the district.

By checking this box, you certify that you have such a plan and associated regulations in place that have been made public.

Smart Schools Investment Plan - 490301060000-1

Classroom Learning Technology

Page Last Modified: 07/06/2017

11. Nonpublic Classroom Technology Loan Calculator

The Smart Schools Bond Act provides that any Classroom Learning Technology purchases made using Smart Schools funds shall be lent, upon request, to nonpublic schools in the district. However, no school district shall be required to loan technology in amounts greater than the total obtained and spent on technology pursuant to the Smart Schools Bond Act and the value of such loan may not exceed the total of \$250 multiplied by the nonpublic school enrollment in the base year at the time of enactment.

See:

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

	1. Classroom Technology Sub-allocation	2. Public Enrollment (2014-15)	3. Nonpublic Enrollment (2014-15)	4. Sum of Public and Nonpublic Enrollment	5. Total Per Pupil Sub-allocation	6. Total Nonpublic Loan Amount
Calculated Nonpublic Loan Amount	195,867	4,068	317	4,385	45	14,265

12. To ensure the sustainability of technology purchases made with Smart Schools funds, districts must demonstrate a long-term plan to maintain and replace technology purchases supported by Smart Schools Bond Act funds. This sustainability plan shall demonstrate a district's capacity to support recurring costs of use that are ineligible for Smart Schools Bond Act funding such as device maintenance, technical support, Internet and wireless fees, maintenance of hotspots, staff professional development, building maintenance and the replacement of incidental items. Further, such a sustainability plan shall include a long-term plan for the replacement of purchased devices and equipment at the end of their useful life with other funding sources.

By checking this box, you certify that the district has a sustainability plan as described above.

13. Districts must ensure that devices purchased with Smart Schools Bond funds will be distributed, prepared for use, maintained and supported appropriately. Districts must maintain detailed device inventories in accordance with generally accepted accounting principles.

By checking this box, you certify that the district has a distribution and inventory management plan and system in place.

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

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

	Sub-Allocation
Interactive Whiteboards	142,452
Computer Servers	0
Desktop Computers	0
Laptop Computers	7,227
Tablet Computers	1,200
Other Costs	44,988
Totals:	195,867

Smart Schools Investment Plan - 490301060000-1

Classroom Learning Technology

Page Last Modified: 07/06/2017

15. Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category. This is especially important for any expenditures listed under the "Other" category. All expenditures must be capital-bond eligible to be reimbursed through the SSBA. If you have any questions, please contact us directly through smartschools@nysed.gov.

Please specify in the "Item to be Purchased" field which specific expenditures and items are planned to meet the district's nonpublic loan requirement, if applicable.

NOTE: Wireless Access Points that will be loaned/purchased for nonpublic schools should ONLY be included in this category, not under School Connectivity, where public school districts would list them.

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

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be Purchased	Quantity	Cost per Item	Total Cost
Other Costs	Samsung BD-H6500 BluRay - Loan	2	150	300
Other Costs	Sony 65 - Loan	2	1,500	3,000
Tablet Computers	iPad Air Pro 9.7 - Loan	2	600	1,200
Interactive Whiteboards	Jtouch 70 INF7001A	50	2,849	142,452
Other Costs	MNT Tilt INF55WINKIT	47	167	7,857
Other Costs	Cart INF5711-KIT	3	3,517	10,551
Other Costs	Professional Services for Installation	13	1,480	18,500
Other Costs	JTouch Delivery and Boxing Service	2	560	1,120
Other Costs	Spectrum Connect 30 55473-CAB - Loan	1	1,430	1,430
Other Costs	Google Management Console - Loan	33	30	990
Laptop Computers	Lenovo N21 Chromebook 80MG0001US	33	219	7,227
Other Costs	Cisco WAP551 - Loan	4	260	1,040
Other Costs	Cisco WAP Switch SG300-10PP - Loan	1	200	200

Smart Schools Investment Plan - 490301060000-1

Pre-Kindergarten Classrooms

Page Last Modified: 10/17/2016

Group 1

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.

NA

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.

NA

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.

NA

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
NA

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

	Sub-Allocation
Construct Pre-K Classrooms	0
Enhance/Modernize Educational Facilities	0
Other Costs	0
Totals:	0

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

Smart Schools Investment Plan - 490301060000-1

Pre-Kindergarten Classrooms

Page Last Modified: 10/17/2016

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)	NA	(No Response)	(No Response)	(No Response)

Smart Schools Investment Plan - 490301060000-1

Replace Transportable Classrooms

Page Last Modified: 10/17/2016

Group 1

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

NA

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
NA

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.

NA

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

	Sub-Allocation
Construct New Instructional Space	0
Enhance/Modernize Existing Instructional Space	0
Other Costs	0
Totals:	0

5. Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category. This is especially important for any expenditures listed under the "Other" category. All expenditures must be capital-bond eligible to be reimbursed through the SSBA. If you have any questions, please contact us directly through smartschools@nysed.gov.

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

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

Smart Schools Investment Plan - 490301060000-1

High-Tech Security Features

Page Last Modified: 10/17/2016

Group 1

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.

NA

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
NA

3. Was your project deemed eligible for streamlined Review?

- Yes
 No

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

Name	License Number
NA	(No Response)

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

	Sub-Allocation
Capital-Intensive Security Project (Standard Review)	0
Electronic Security System	0
Entry Control System	0
Approved Door Hardening Project	0
Other Costs	0
Totals:	0

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

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

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)	NA	(No Response)	(No Response)	(No Response)

Smart Schools Investment Plan - 490301060000-1

High-Tech Security Features

Page Last Modified: 10/17/2016

Smart Schools Investment Plan - 490301060000-1

Report
