Smart Schools Investment Plan - Freeport SSIP Submission 1

SSIP Overview

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

   Gerard Poole

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

   5168675201

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

   gpoole@freeportschools.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.**

   First submission

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

   ☑   District Educational Technology Plan Submitted to SED and Approved

4. **Pursuant to the requirements of the Smart Schools Bond Act, the planning process must include consultation with parents, teachers, students, community members, other stakeholders and any nonpublic schools located in the district.**
   By checking the boxes below, you are certifying that you have engaged with those required stakeholders. Each box must be checked prior to submitting your Smart Schools Investment Plan.

   ☑   Parents
   ☑   Teachers
   ☑   Students
   ☑   Community members

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

   ☑   Yes
   ☐   No
   ☐   N/A

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

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

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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.**

071216_FPS-Smart_Schools_Investment_Plan.pdf
Smart Schools Investment Plan-Draft 1.pdf

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

http://www.freeportschools.org/Assets/District_Documents/071216_FPS-Smart_Schools_Investment_Plan.pdf

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

6,865

7. **An LEA/School District may partner with one or more other LEA/School Districts to form a consortium to pool Smart Schools Bond Act funds for a project that meets all other Smart School Bond Act requirements. Each school district participating in the consortium will need to file an approved Smart Schools Investment Plan for the project and submit a signed Memorandum of Understanding that sets forth the details of the consortium including the roles of each respective district.**

☐ The district plans to participate in a consortium to partner with other school district(s) to implement a Smart Schools project.

8. **Please enter the name and 6-digit SED Code for each LEA/School District participating in the Consortium.**

Partner LEA/District	SED BEDS Code
(No Response)	(No Response)

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

(No Response)

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

$5,944,521

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	80,000
Connectivity Projects for Communities	0
Classroom Technology	3,041,089
Pre-Kindergarten Classrooms	0
Replace Transportable Classrooms	0
High-Tech Security Features	0
Totals:	**3,121,089**

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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.

   In August of 2016, the Freeport Public School District increased the Internet bandwidth from 150 Mbps to 400 Mbps. The bandwidth upgrade substantially improves performance in the use of web based technologies that are currently utilized in the district.   Beginning July 1, 2017, the District will increase the bandwidth to 700 Mbps. Nassau BOCES has ensured us that we have sufficient infrastructure to support the larger bandwidth requirement, and they will be able to provide the increase in bandwidth service when it is necessary.

   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	6,865	686,500	686.5	400	700	July 1, 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.**

   Freeport Schools continues to provide our school community with resources that improve teaching, learning, productivity, communication, and collaboration. We have created an extensive technology plan that utilizes the SSBA funds to take advantage of the opportunities that are emerging and evolving from mobile technology. We are integrating applicable tools to support teaching and learning. We recently invested heavily in our network infrastructure to create a state-of –the-art Network environment. Since we have invested in our infrastructure, we plan to use a portion of our Smart Schools Bond Act allocated funds to acquire technology tools and devices to make them available for teachers and students. We also intend to use a portion of our Smart Schools Bond Act allocated funds to replace aging electronic whiteboard equipment. This equipment is nearing end of life and replacements are necessary. The allocated expenditure in this area is for the installation of the devices listed above.

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School Connectivity

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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?)**

In our Instructional Technology Plan Survey we explain that we need to update classrooms with access to technology and tools to support teaching and learning with digital connectivity. We have begun our 1-1 computer model that utilizes laptops and tablets in order to strengthen student's 21st Century technology skills, and to facilitate the acquisition of College and Career Readiness Skills, assist students in mastering the Common Core Learning Standards, enhance differentiated instruction, expand learning beyond the classroom, and increase the educational opportunities for ELL and SWD students.

Our proposed projects will utilize a portion of the Smart Schools Bond Act allocated funds to implement our vision, and provide for future success of our instructional technology programs by ensuring the availability of computing devices/tools within the district as well as updated projection devices.

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 district is working to create seamless instructional environments in which teachers and students can easily select and utilize technology devices for learning, collaboration, critical thinking and creativity. This includes new opportunities for English language Learners and Students with Disabilities to better leverage technology for improvement and support. The addition of interactive boards, iPads, and chrome-book laptops will move the District to a 1:1 device to student ratio.

Prior to our 1-1 initiative and Google Chromebook deployments, all school buildings' and their wireless networks are being upgraded to ensure that our teachers and students can use these devices to support teaching and learning. The district is on schedule to have all wireless networks adequately upgraded to support our planned device projects with the addition of new cabling and wireless access points. We also have contracted for an increase in our Internet Bo-Tie network with Nassau BOCES and wireless access points will be installed in every classroom, cafeteria, and most office spaces.

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
28-02-09-03-7-999-BA1

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?

   Yes

   7a. **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.

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

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Name	License Number
Mark Design Studios Architecture, P.C.	33516

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	(No Response)
Outside Plant Costs	(No Response)
School Internal Connections and Components	(No Response)
Professional Services	(No Response)
Testing	(No Response)
Other Upfront Costs	(No Response)
Other Costs	80,000
Totals:	**80,000**

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.

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	Installation of 80 Sharp Aquos Boards	80	1,000	80,000

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

   (No Response)

2. **Please describe how the proposed project(s) will promote student achievement and increase student and/or staff access to the Internet in a manner that enhances student learning and/or instruction outside of the school day and/or school building.**

   (No Response)

3. **Community connectivity projects must comply with all the necessary local building codes and regulations (building and related permits are not required prior to plan submission).**

   ☐ I certify that we will comply with all the necessary local building codes and regulations.

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

   (No Response)

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

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

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

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

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Community Connectivity (Broadband and Wireless)

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

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Classroom Learning Technology

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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.

   In August of 2016, the Freeport Public School District increased the Internet bandwidth from 150 Mbps, to 400 Mbps. The bandwidth upgrade substantially improves performance in the use of web based technologies that are currently utilized in the district. Beginning July 1, 2017, the District will increase bandwidth to 700 Mbps. Nassau BOCES has ensured us that we have sufficient infrastructure to support the larger bandwidth requirement and that they will be able to provide the increase in bandwidth service when it is necessary.

   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	6,865	686,500	686.5	400	700	July 1, 2017

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.

    Over the past year Freeport Public Schools has installed ten new gigabit network switches in all of our 8 buildings. An analysis of our current bandwidth usage on a daily basis indicates a maximum usage of about 110 MB on a typical instructional day. The District will expand the bandwidth access to 400MB for the 2016-17 school year with the capacity to subscribe to higher bandwidth at any time to actual usage needs in the District through the Nassau BOCES Bo-Tie system. The bandwidth will be increased to 700MB beginning July 1, 2017. This will increase the high-speed Internet access in the District to sufficiently meet the growing needs of students and teachers created through the addition of instructional technology devices. The District is also currently undertaking the following projects to further provide robust Wi-Fi network. In July and August of 2016, we are replacing seven older servers with four brand-new servers. The four new servers will supplant the work of the original seven and include excess capacity to utilize for the additional devices and usage of the technology infrastructure. The new servers will ensure much faster service in our data systems and across our network. All new servers will be up and functioning by the end of August 2016. Our current network cable will be replaced with new fiber cable in all buildings by August 2016. A survey was conducted in our buildings last year for wireless access. As a result, the installation of 500 additional Wi-Fi upgrades throughout the district will be completed in the fall of 2016. Our internal infrastructure will be well suited to provide a robust Wi-Fi network with sufficient bandwidth for the proposed increases in educational technology through the Smart Schools Bond Act.

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.**

    Freeport Public Schools intends to purchase a variety of instructional technology devices to enhance our current instructional programs and to add new opportunities for students. Freeport Public schools will be purchasing new interactive smart boards in order to continue to provide this classroom technology to all learning spaces and expand access to new spaces. Currently the District provides SMART Boards and Sharp Interactive Monitors. The District intends to move forward with Sharp Interactive Boards of varying sizes depending on the needs of the learning space. The interactive boards will be installed in new classrooms and be used to replace outdated interactive boards that are beginning to fail. The District also plans to purchase chrome books, chrome book charging carts, i-Pads, and i-pad charging carts. The District currently has the platforms and systems in place for chrome books and i-pads and will utilize those systems to implement the additional devices. In year 1 the District will be purchasing multiple classroom setups on carts of i-pads and chrome books to support teacher learning and increase student access K-12. The majority of the devices will be purchased in year 2 and year 3 of our implementation plan and will be 1-1 student devices which will have a minimal impact on District infrastructure. The District completed an infrastructure survey this spring and has adequate systems and electrical capacity for the increased charging carts and devices to be implemented over the implementation of our Smart School Investment Plan.

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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?"

   Freeport Public Schools believes all learners need to be supported by technology. This includes special education students, English language Learners as well as regular education students. A goal of the Freeport School District is to integrate technology throughout the curriculum and personalize learning in order to support student achievement of state standards in all subject areas; accommodate different styles, intelligences and abilities; address cognitive, affective, and psychomotor learning; and enhance the creative problem-solving and critical thinking dimensions of learning for all students. Additional classroom technology will be utilized to close the learning gaps of all of our high needs students on state and local assessments. A goal of the Freeport School District is to ensure that students with disabilities have access to and can participate in the general curriculum. The additional devices provided through the Smart Schools Bond Act will provide greater access to students with disabilities and English Language Learners. The devices will support greater differentiated instruction through increased student access to adaptive technology, interactive boards such as Smart Boards/large monitors, visual capture devices, web-based instructional delivery systems, research-based software for classrooms, as well as labs and library media centers to meet student needs. The District currently subscribes to a multitude of software applications designed to improve the performance of students with disabilities that are adaptive and can be specifically tailored to address the needs of individuals. In addition the District has begun to implement the Universal Design for Learning principles into special education instruction. This program designed to create and support individual learning programs for students will be greatly enhanced by the implementation of a 1-1 model for students at home and in school and the expansion of student access to devices in grades K-5. The 1-1 program planned for all students in grades 5-12 will begin in the 2017-18 school year. Student devices will be "2 in 1" devices which will allow students to use the device as a tablet or a laptop depending on need. The devices will also be able to be adjusted to multiple physical settings so that students may use them standing or sitting as needed. The increased devices will also support our English language Learners by giving them greater access to web based translation programs, language support software and bilingual digital curriculum modules currently subscribed to by the District. The devices will help to make the content of lessons more comprehensible for students by providing parallel access to classroom content through the use of interactive whiteboard lessons, teacher websites, and interactive voting devices that can provide immediate student feedback and assessments. Also when language ability is not equivalent to a student's receptive vocabulary and content knowledge, students can demonstrate their understanding of learning objectives in alternate methods through the use of software applications such as Prezi, Powerpoint, Photostory, and Glogster, to express themselves both with visuals and in writing. The District also subscribes to online tutoring services and web based credit recovery programs. Additional devices will support additional students in those programs at home and in school. The devices will also increase the Districts ability to track and progress monitor the performance of all students through computer based testing which identifies for instructors student growth and gaps thereby facilitating the development of learning targets and instructional plans for individual students. The devices are also a resource for delivering mixed media presentations and providing accessing classroom content through the use of interactive whiteboard lessons, teacher websites, and interactive voting devices that can provide immediate student feedback and assessments.

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

The additional devices supported through the Smart School Bond Act will enhance ongoing communication with parents and other stakeholders by increasing student access at home to teacher webpages and emails. It will also allow for greater student/parent participation in educational social networking tools such as blogs, Twitter and Facebook. Purchased devices will also include a video camera to support video conferencing and/or live chats at home and school for students as well as participation in tutoring services provided online through i-tutor. Another benefit will be increased access at home for students and families to access informational portals which include information on student progress, grades and attendance. Also, it will provide students/parents access to apps such as Classroom DOJO and Remind 101 which communicate to parents information on student behavior and student assignments. The District also many regional partnerships in our science research program with Cold Spring Harbor, Stony Brook University and Brookhaven National Laboratory which require the ability for students to collaborate and communicate online with researchers. This will be greatly enhanced through a 1-1 home-school model. The District is adopting the Google for Education platform which will include a wide array of resources to support the communication opportunities listed above.

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."

Professional Development for the expansion of student devices, interactive boards and a 1-1 home-school model intends to support the utilization of technology to enhance teaching and learning. Professional development will be provided to administrators, teachers, teaching assistants and aides. Learning targets for staff will be developed based on a needs assessment of student learning gaps and the instructional practice needs for staff. It will also include an analysis of the professional development requirements for the implementation Smart Schools Bond Act initiatives such as the implementation of the 1-1 computer model. Targets for professional development were established collaboratively through the work of the District Curriculum, Instruction and Assessment Council and are carefully planned through the work of a professional development planning team. A major area of professional development for the implementation of the Smart Schools Bond Act will be to train all instructional staff in the District to become Google Level 1 Educators. This is an intensive online course designed to give instructors the capacity to successfully utilize all of the resources within Google Education. These resources will support the instructional shifts and lesson designs necessary for the highly effective integration of technology to support student learning. Professional Development will be provided by a full time instructional technology coach, technology teacher leaders, Nassau BOCES Model School specialists, library media specialists, district administrators and consultants. In addition, the Freeport Teacher Center plays an active role in providing professional development in technology skills for teachers. In addition to training in Google Education, professional development will also include the effective use of i-pads to support student learning, best practices in 1-1 classroom models, integrating CAD software into technology courses, leveraging Discovery Education web based curriculum to support all students, videoconferencing training, effective use of Scantron Prosper Software to promote data driven instruction, identifying and utilizing assistive technology to support students with disabilities, accessing and using Learning Management Systems(Compass, Haiku), student collaboration, innovative interactive board instruction, 3D printing, Virtual Learning Hardware and Software(Z-Space), Common Core Standards, digital music curriculum and leveraging technology to facilitate parent communication. Professional development is offered through a variety of methods aligned to the NYS Professional Development Standards. They incorporate the diverse needs of learners, are collaborative in design and research based. Learning targets and coaching are embedded in the school day and allow for staff to integrate new strategies and reflect as a learning community on the impact of their new learning on content knowledge and pedagogy. Special attention is given in all workshops to the learning needs of specialized groups of students such as English Language Learners and Special Education students. In addition, all staff has access to an extensive online professional development library which allows them independently search and study effective practices for the integration of technology into instruction. Professional development events in the District are scheduled through the My Learning Plan web based management system and staff are required to complete an exit evaluation survey for each event. This feedback is used to inform and design future workshops.

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

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

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

   SUNY Stony Brook

   9b. **Enter the primary Institution phone number.**

   631-632-7783

   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. Dorit Kaufman

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 district has contacted and consulted with non-public schools to identify a plan for the loan of purchased technologies to such schools within district boundaries. Freeport Public Schools will accept documentation from the Non-Public schools, detailing the request for classroom learning technologies that will be made available for loan through the Smart Schools Bond Act, once the investment has been approved. The district will accept a request from Non-Public schools, no later than June 1st of a current school year for loans commencing the following school year, stating the details for the type of equipment, specified quantities, and any additional information that will be helpful to the loan of the allowable technologies. At this time, the Non-Public schools in the District are developing their plans to identify the quantities, cost and specifications of the requested equipment, based on the allocations that were determined through our calculations, noted below.

    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.

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	3,041,089	6,743	142	6,885	442	35,500

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	330,000
Computer Servers	0
Desktop Computers	0
Laptop Computers	2,051,900
Tablet Computers	159,180
Other Costs	500,009
Totals:	**3,041,089**

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.

Smart Schools Investment Plan - Freeport SSIP Submission 1

Classroom Learning Technology

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Select the allowable expenditure type. Repeat to add another item under each type.	Item to be Purchased	Quantity	Cost per Item	Total Cost
Interactive Whiteboards	Sharp Aquos Board	110	3,000	330,000
Laptop Computers	Lenovo Yoga 2 in 1 Convertible Touchscreen Chromebook	5780	355	2,051,900
Tablet Computers	Apple Ipad Air 2 32GB	420	379	159,180
Other Costs	Charging carts for Tablets/Laptops	70	1,500	105,000
Other Costs	Non public equipment - Unidentified	1	35,500	35,500
Other Costs	Google Chrome Management	5780	27	153,170
Other Costs	Lenovo Case	5780	29	169,354
Other Costs	Lenovo Configuration	5780	5	28,900
Other Costs	Apple Ipad Case	420	19	8,085

Smart Schools Investment Plan - Freeport SSIP Submission 1

Pre-Kindergarten Classrooms

Page Last Modified: 07/22/2016

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

   (No Response)

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

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

   (No Response)

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

   (No Response)

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

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

Project Number
(No Response)

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

	Sub-Allocation
Construct Pre-K Classrooms	(No Response)
Enhance/Modernize Educational Facilities	(No Response)
Other Costs	(No Response)
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 - Freeport SSIP Submission 1

Pre-Kindergarten Classrooms

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

Smart Schools Investment Plan - Freeport SSIP Submission 1

Replace Transportable Classrooms

Page Last Modified: 10/31/2016

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

    1.

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

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

Project Number
(No Response)

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

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

    (No Response)

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

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

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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.**

   (No Response)

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

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

Project Number
(No Response)

3. **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
(No Response)	(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)	(No Response)
Electronic Security System	(No Response)
Entry Control System	(No Response)
Approved Door Hardening Project	(No Response)
Other Costs	(No Response)
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)	(No Response)	(No Response)	(No Response)	(No Response)