

Smart Schools Investment Plan - Revised - Smart Schools Investment Plan - Smart Schools Investment Plan -  
SSIP Overview

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**Institution ID**

800000037260

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

Joseph Centamore, Ed.D.

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

6318123100

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

jcentamore@shufsd.org

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

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.

 Parents

 Teachers

 Students

 Community members

 The district was unable to meet with each group of stakeholders due to an emergency need as a result of the COVID-19 crisis.
**5. Did your district contain nonpublic schools in 2014-15?**
 Yes

 Yes, but they have all since closed, moved out of district or are declining use of SSBA funds

 No
**6. Certify that the following required steps have taken place by checking the boxes below:**
 The district developed and the school board approved a preliminary Smart Schools Investment Plan.

 The preliminary plan was posted on the district website for at least 30 days. The district included an address to which any written comments on the plan should be sent.

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

 The district prepared a final plan for school board approval and such plan has been approved by the school board.

 The final proposed plan that has been submitted has been posted on the district's website.

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- 6a. Please upload the proposed Smart Schools Investment Plan (SSIP) that was posted on the district's website, along with any supporting materials. Note that this should be different than your recently submitted Educational Technology Survey. The Final SSIP, as approved by the School Board, should also be posted on the website and remain there during the course of the projects contained therein.

South Huntington UFSD SSIP4.pdf

- 6b. Enter the webpage address where the final Smart Schools Investment Plan is posted. The Plan should remain posted for the life of the included projects.

http://www.shufsd.org/district/instructional\_technology

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

6,000

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

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

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

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

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

(No Response)

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

\$2,900,702

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

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	5,998	2,634	8,632.00	30.51

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

	Sub-Allocations	Expenditure Totals	Difference
School Connectivity	0.00	0.00	0.00
Connectivity Projects for Communities	0.00	0.00	0.00
Classroom Technology	491,836.00	491,836.00	0.00
Pre-Kindergarten Classrooms	0.00	0.00	0.00
Replace Transportable Classrooms	0.00	0.00	0.00
High-Tech Security Features	0.00	0.00	0.00
Nonpublic Loan	215,988.00	215,988.00	0.00
<b>Totals:</b>			

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	Sub-Allocations	Expenditure Totals	Difference
	<b>707,824</b>	<b>707,824</b>	<b>0</b>

Smart Schools Investment Plan - Revised - Smart Schools Investment Plan - Smart Schools Investment Plan - School Connectivity

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.

(No Response)

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

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

2. **Connectivity Speed Calculator (Required).** If the district currently meets the required speed, enter “Currently Met” in the last box: Expected Date When Required Speed Will be Met.

	Number of Students	Required Speed in Mbps	Current Speed in Mbps	Expected Speed to be Attained Within 12 Months	Expected Date When Required Speed Will be Met
Calculated Speed	(No Response)	0.00	(No Response)	(No Response)	(No Response)

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

(No Response)

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

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

(No Response)

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.

(No Response)

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

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

Project Number
(No Response)

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

Name	License Number
(No Response)	(No Response)

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

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

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

Select the allowable expenditure type. Repeat to add another item under each type.	PUBLIC Items to be purchased	Quantity	Cost per Item	Total Cost
(No Response)	(No Response)	(No Response)	(No Response)	0.00
		<b>0</b>	<b>0.00</b>	<b>0</b>

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

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	5,998	2,634	8,632.00	30.51

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

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

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	Public Allocations	Estimated Nonpublic Loan Amount	Estimated Total Sub-Allocations
Other	(No Response)	0.00	0.00
<b>Totals:</b>	<b>0.00</b>	<b>0</b>	<b>0</b>

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

	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	(No Response)
<b>Totals:</b>	<b>0.00</b>

14. School Connectivity Totals

	Total Sub-Allocations
Total Loanable Items	0.00
Total Non-loanable Items	0.00
<b>Totals:</b>	<b>0</b>

**Smart Schools Investment Plan - Revised - Smart Schools Investment Plan - Smart Schools Investment Plan - Community Connectivity (Broadband and Wireless)**

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

(No Response)

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

(No Response)

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

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

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

(No Response)

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

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

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

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

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

	Sub-Allocation
Network/Access Costs	(No Response)
Outside Plant Costs	(No Response)
Tower Costs	(No Response)
Customer Premises Equipment	(No Response)
Professional Services	(No Response)
Testing	(No Response)
Other Upfront Costs	(No Response)
Other Costs	(No Response)
<b>Totals:</b>	<b>0.00</b>

Smart Schools Investment Plan - Revised - Smart Schools Investment Plan - Smart Schools Investment Plan - Classroom Learning Technology

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.

South Huntington UFSD has made a considerable investment in creating the technology infrastructure necessary to support numerous technology-centered learning initiatives. The upgrading and expansion of this infrastructure is an ongoing priority of the school district -- linked to providing our students with a world class 21st century education. In order to be in compliance with Federal and New York State requirements, South Huntington UFSD increased bandwidth from 300 Mbps to 600 Mbps. This process was completed on July 1, 2018 and we will continue to monitor and increase bandwidth as needed.

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

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

2. Connectivity Speed Calculator (Required). If the district currently meets the required speed, enter “Currently Met” in the last box: Expected Date When Required Speed Will be Met.

	Number of Students	Required Speed in Mbps	Current Speed in Mbps	Expected Speed to be Attained Within 12 Months	Expected Date When Required Speed Will be Met
Calculated Speed	6,000	600.00	600	600	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.

South Huntington UFSD has a robust wifi network in place that is currently supporting students and faculty as they utilize a number of cutting edge technology learning tools. In addition, the district offers guest access to parents and community members who attend events in our schools. The district’s Wi-Fi network provides Internet access to 99% of the district’s students and faculty at all of the district schools. Approximately 42% of the district’s 5,782 students utilize the Internet services currently in place on a daily basis through our 1:1 initiatives. Further carts and wireless devices are used by an additional 50% of the students each day in addition to the numerous computer labs throughout the district. The district’s current demand was quantified through the planning process that supported the development of the approved technology plan. A specific analysis of class and student usage was conducted through representatives on the planning committee. The current district’s Wi-Fi can adequately support the addition of the devices proposed for purchase under the Smart Schools Investment Plan.



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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.**

The South Huntington UFSD has developed a strategic replacement and expansion plan related to technology purchases utilizing Smart School Investment Funds. The technology purchases planned using these funds are compatible with existing platforms and directly support current and planned instructional initiatives. Additionally, these planned purchases will enable the district to simultaneously replace and extend access to new technology initiatives. The district will be able to provide adequate electrical supply in order to support the increase in new devices.

- Anatomage Table is "the most technologically advanced virtual dissection table for anatomy education" on the market. It provides opportunities for students in grades 7-12 to participate in detailed reviews of human and animal anatomy. The table will be housed in a forum space that will provide opportunities for lectures, interactive labs and partnerships with local hospitals.
- New Interactive White Boards will be purchased to replace existing boards that are 8-10 years old. There is no wiring required. The district is committed to purchasing new boards with local and other grant funds.
- Additional Chromebooks will be purchased to support the district's ongoing 1:1 initiative in grades 6-9 and VAP classes at the high school. As 1:1 devices move to new grades, devices in carts at those buildings will be re-distributed to elementary and middle school buildings.
- HoloLens Devices are immersive holographic technology that allows students to work collaboratively to solve problems using holograms that appear in their environment. This newer Microsoft technology will be integrated into our Innovation Center and be used with students in grades 5-12.
- High end digital microscopes, computers, iPads, high end cameras and classroom learning technology for research will be purchased to be used in our new DNA, Cybersecurity and forensics lab at Walt Whitman High School.

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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?")**

**In addition, describe how the district ensures equitable access to instruction, materials and assessments and participation in the general curriculum for both SWD and English Language Learners/Multilingual Learners (ELL/MLL) students.**

The purchases identified by the South Huntington UFSD using Smart Schools Investment Plan funds are directly aligned with South Huntington's approved technology plan. The purchases support, in accordance with the plan, the use of technology to improve the potential for success of the district's most academically at risk students while simultaneously providing opportunities for advanced work with high end classroom technology for research, studying the human body, DNA and cybersecurity.

South Huntington is a model environment for providing multiple levels of support for students challenged by rigorous curriculum as well as providing unique and innovative opportunities for all. The district provides specialized support services as part of an overall commitment to equity and success. The district is working to implement new technology-based interventions to address the needs of a significantly increasing ELL population. The South Huntington UFSD supports differentiated learning strategies as the core of personalized learning and individualization for students. Differentiation asks teachers to know their students well so they can provide each one with experiences and tasks that will improve learning. As Carol Ann Tomlinson (nationally recognized expert in differentiated learning at the University of Virginia) has said, differentiation means giving students multiple options for taking in information.

The technology purchased through Smart Schools Investment Funds supports student learning with "wraparound support" inside and outside of the classroom. The technology devices provide students with opportunities to research and supplement classroom learning experiences with prescriptive learning materials. Partnerships with community organizations - such as the South Huntington Public Library - support students as they utilize technology to access learning resources outside of their classroom. Each day over 2000+ devices go home with students to enable the learning process to continue outside the school environment and to further connect home and school environments. The technology devices provide all students with the opportunity to remediate and accelerate outside of the classroom environment. The technology moves forward the development of student non-cognitive skills – skills such as collaboration, teamwork, sharing of ideas and problem solving – both inside and outside of the school day.

South Huntington UFSD is at the forefront of the innovative use of technology with ELLs and students with disabilities. This includes providing students with opportunities to participate in 3D immersive environments, 3D printing and the Virtual Advanced placement program. The district's CDOS grant employs a number of technology strategies and tools to support high school students with disabilities and create new project-based learning partnerships utilizing new CTE course models. ELL students utilize devices to supplement classroom learning and to be part of technology-delivered software programs that develop specific skills areas in literacy and mathematics.

South Huntington UFSD is continuously monitoring learning gaps and looking to implement research-based strategies. Specifically, the school district is assessing the effectiveness of programs addressing the academic needs of economically disadvantaged students – and other areas directly related to poverty. The district is also looking closely at the effective use of technology to address curriculum and age-specific gaps. For example, issues affecting STEM learning in the 6th Grade STEAM Center, and learning issues that begin at the pre-k level. Technology can be an important tool related to assessment of these gaps, implementation of learning strategies and the monitoring of strategies and progress.

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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 involvement of parents is an important part in moving forward the components of the district's technology plan. Additionally, the district has established a number of partnerships with universities and other regional, national and international organizations that are focused on utilizing technology to share information and learning activities. For example, South Huntington has been a participating school district in an international consortium in order to share and learn best practices that can be implemented to support our students.

The participation of parents at meetings is a requirement to enable student use of technology. The South Huntington Teacher Center plays an active role in engaging district parents in the uses of technology and how they can become actively involved in that component of their child's education. Parent University supports in addition to other even events support over 600+ families on topics related to technology at home and the use of technology in the South Huntington UFSD.

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."**

South Huntington UFSD's approved technology plan details a comprehensive and inter-connected professional development plan for teachers, staff and school leaders from kindergarten through grade twelve. Teachers are prepared to effectively utilize the equipment and devices being purchased with Smart Schools Investment Plan funds. As detailed in the technology plan there is a comprehensive continuum of professional development supported by the district's in-house team and appropriate outside consultant specialists:

- **K-2 Teachers**

Professional development in the building on Google Apps, Reading Eggs, Math Seeds, Infinite Campus and other apps that will support small group and differentiated instruction. -Provided by Instructional Technology Coach, Tech Mentors and conferences.

- **3-5 Teachers**

Professional development to support Google Apps, use of augmented reality in the classroom with Hololens, Ready Learning, Infinite Campus and other apps that will support small group and differentiated instruction. Teachers will also be offered opportunities to learn how to use coding and 3D printing to enhance instruction. The NAO robot and 3D immersive environments will continue to be piloted with grade 5 and other interested teachers.

-Provided by Instructional Technology Coach, TEQ, Microsoft, Tech Mentors and conferences.

- **6-8 Teachers**

Professional development to support Google Apps, Chromebooks, best practices for 1:1 learning, use of augmented reality in the classroom with Hololens, Infinite Campus and other apps that will support small group and differentiated instruction. Tech teachers will be provided with additional support to integrate cutting edge technologies into the curriculum, including 3D printing and 3D immersive technologies. Science teachers will be provided with direct instruction in the use of the Amagotage Table and other innovative research technology tools that students will have access to in the research program at the middle level. -Provided by Logic Wing, Microsoft, Instructional Technology Coach, Tech Mentors, university and college staff and conferences.

- **9-12 Teachers**

Professional development to support Google Apps, Chromebooks, best practices for 1:1 learning, use of augmented reality in the classroom with Hololens, Infinite Campus and other apps that will support small group and differentiated instruction. Science and math teachers will be provided with direct instruction in the use of the Amagotage Table and other innovative research technology tools that students will have access to in the research, DNA and cybersecurity classes at the high school level. - Provided by Logic Wing, Microsoft, Instructional Technology Coach, Tech Mentors, university and college staff and conferences.

- **Administrators**

Professional Development to support Google Apps, 1:1 learning, organizational tools, Infinite Campus, iReady data reports and other relevant apps. - Provided by Logic Wing, various technology consultants, Assistant Superintendent for Instruction and Curriculum and team.

In addition, the South Huntington UFSD Teacher Center offers courses for teachers all year long focused on the integration of technology into the curriculum and the use of specific technology interventions. In addition, teachers have access to online live professional development offered throughout the year by Teq and a video library of resources through Lynda.com provided by the South Huntington Public Library. There are dedicated instructional coaches for Grades K-6 and 7-12. There is specialized professional development on all technology purchased for students.

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9. Districts must contact one of the SUNY/CUNY teacher preparation programs listed on the document on the left side of the page that supplies the largest number of the district's new teachers to request advice on innovative uses and best practices at the intersection of pedagogy and educational technology.

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

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

SUNY Stony Brook

9b. Enter the primary Institution phone number.

631-632-7022

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.

Craig Markson

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

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

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

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

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

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be Purchased	Quantity	Cost per Item	Total Cost
Computer Servers	PowerEdge T640 Tower Server	2	1,729.00	3,458.00
Other Costs	Zeiss Stemi 508 Microscope	1	10,000.00	10,000.00
Other Costs	Halolens	5	5,000.00	25,000.00
Other Costs	Autoclave	1	3,851.00	3,851.00
Other Costs	Sony FDR-X3000	2	370.00	740.00
Other Costs	Antomage Table	1	98,012.00	98,012.00
Other Costs	Nikon Coolpix B500	2	260.00	520.00
Other Costs	Motic Moticam 1 Digital Camera	6	209.00	1,254.00
Desktop Computers	iMac Pro with Retina 5K display from	2	4,999.00	9,998.00
Other Costs	HP DesignJet T830 36-in Multifunction Printer	1	5,996.00	5,996.00
Other Costs	Safe Imager	1	1,744.00	1,744.00

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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
Other Costs	HAK5 ELITE FIELD KIT	10	210.00	2,100.00
Other Costs	Purair 5 Ductless Fume Hood, 24	2	3,389.00	6,778.00
Other Costs	Pipettor (various L)	16	203.00	3,248.00
Other Costs	Swift M3-F-BTW1 Digital Screen Forensic-Comparison Microscope	2	3,089.00	6,178.00
Other Costs	Raspberry Pi 3 Model B+ (Plus) Complete Starter Kit	30	180.00	5,400.00
Other Costs	PBR101 System	1	10,000.00	10,000.00
Tablet Computers	iPad Pro	2	999.00	1,998.00
Interactive Whiteboards	Flat Panel Interactive Boards	20	4,049.00	80,980.00
Tablet Computers	Google Pixel Slate (8th Gen Intel Core	2	799.00	1,598.00
Other Costs	Flame Vis-NIR spectrometer	1	6,832.00	6,832.00
Other Costs	Motic BA210 Laboratory Binocular LED Microscope	6	1,315.00	7,890.00
Laptop Computers	Chromebooks	459	400.00	183,600.00
Computer Servers	Dell Storage NX430	2	2,415.00	4,830.00
Other Costs	Apogee instrument data Proeware	1	9,831.00	9,831.00
		<b>578</b>	<b>175,881.00</b>	<b>491,836</b>

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

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	5,998	2,634	8,632.00	30.51

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

	Public School Sub-Allocation	Estimated Nonpublic Loan Amount (Based on Percentage Above)	Estimated Total Public and Nonpublic Sub-Allocation
Interactive Whiteboards	80,980.00	35,562.07	116,542.07
Computer Servers	8,288.00	3,639.65	11,927.65
Desktop Computers	9,998.00	4,390.59	14,388.59
Laptop Computers	183,600.00	80,627.28	264,227.28
Tablet Computers	3,596.00	1,579.17	5,175.17
Other Costs	205,374.00	90,189.25	295,563.25
<b>Totals:</b>	<b>491,836.00</b>	<b>215,988</b>	<b>707,824</b>

Smart Schools Investment Plan - Revised - Smart Schools Investment Plan - Smart Schools Investment Plan -  
Pre-Kindergarten Classrooms

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

(No Response)

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

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

(No Response)

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

(No Response)

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

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

Project Number
(No Response)

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

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

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

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

**Smart Schools Investment Plan - Revised - Smart Schools Investment Plan - Smart Schools Investment Plan -**  
 Replace Transportable Classrooms

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

(No Response)

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

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

Project Number
(No Response)

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

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

(No Response)

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

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

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

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

Smart Schools Investment Plan - Revised - Smart Schools Investment Plan - Smart Schools Investment Plan - High-Tech Security Features

1. Describe how you intend to use Smart Schools Bond Act funds to install high-tech security features in school buildings and on school campuses.

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

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

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

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

	Sub-Allocation
Capital-Intensive Security Project (Standard Review)	(No Response)
Electronic Security System	(No Response)
Entry Control System	(No Response)
Approved Door Hardening Project	(No Response)
Other Costs	(No Response)
<b>Totals:</b>	<b>0.00</b>



**Smart Schools Investment Plan - Revised - Smart Schools Investment Plan - Smart Schools Investment Plan - Non-Public Schools**

- 1. Describe your plan to utilize SSBA funds to purchase devices and loan to the nonpublic schools within your district. Please specify what devices have been requested by the nonpublic schools. If the nonpublic schools have not finalized requests, the district should provide the date nonpublic schools will submit the request by.**

Based on the per pupil calculation for our nonpublic schools, equipment loans valuing up to the listed amounts will be made based on this Smart Schools Investment Plan submission.

Nonpublic schools must submit requests to the Office of Instruction and Curriculum no later than September 30th each school year. All nonpublic schools will be requesting specific technology as per the needs of their schools and technical environment. The total cost listed below by category includes the items for the nonpublic schools.

- Flat Panel Smart Board 6075 - SISG
- Lenovo Idea Pad - West Hills
- Chromebook Cart - St. Anthony's
- Dell Laptops - St. Anthony's
- 15 inch MacBook Pro - Space Gray - St. Anthony's
- Newline TT-7518VN Displays - St. Anthony's
- Chromebooks - St. Anthony's
- Newline TT-8618VN Displays - St. Anthony's

- 2. 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.

- 2a. **Please enter the date each year nonpublic schools must request loanable items from the school district. This date cannot be earlier than June 1 of the previous school year.**

9/30

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

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	5,998	2,634	8,632.00	30.51

- 4. Nonpublic Loan Calculator**

	Loanable School Connectivity	Loanable Classroom Technology	Additional Nonpublic Loan (Optional)	Estimated Per Pupil Amount - This Plan	Previously Approved Per Pupil Amount(s)	Cumulative Per Pupil Loan Amount	Final Per Pupil Loan Amount - This Plan	Final Total Loan Amount - This Plan
Required Nonpublic Loan	0.00	707,824.00		82.00	81.00	163.00	82.00	215,988.00
Final Adjusted Loan - (If additional loan funds)	0.00	707,824.00	(No Response)	82.00	81.00	163.00	82.00	215,988.00

- 5. Nonpublic Share**

	Final Per Pupil Amount	Final Nonpublic Loan Amount
Pending and Previously Approved Plans	81.00	213,354.00
This Plan	82.00	215,988.00
Total	163.00	429,342.00

- 6. Distribution of Nonpublic Loan Amount by School**

**Smart Schools Investment Plan - Revised - Smart Schools Investment Plan - Smart Schools Investment Plan - Non-Public Schools**

Nonpublic School Name	2018-19 K-12 Enrollment	Special Ed School? If Yes, not eligible
DAYTOP PREP SCHOOL	8	No
DEVELOPMENTAL DISABILITIES-HUNTINGTO	121	Yes
GERSH ACADEMY - WEST HILLS		No
HUNTINGTON MONTESSORI-NORTHSHORE LRN	41	No
LONG ISLAND SCHOOL FOR THE GIFTED	183	No
LONG ISLAND WHOLE CHILD ACADEMY	4	No
ST ANTHONY'S HIGH SCHOOL	2430	No
WEST HILLS MONTESSORI	15	No

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

Select the allowable expenditure type. Repeat to add another item under each type.	Items to be purchased	Quantity	Cost Per Item	Total Cost
Interactive Whiteboards	LISG - Flat Panel Smart Board 6075	3	4,999.00	14,997.00
Laptop Computers	West Hills - Lenovo Idea Pad	3	279.00	837.00
Other Costs	Chromebook Cart - St. Anthony's	3	983.00	2,949.00
Laptop Computers	Dell Laptops - St. Anthony's	32	1,002.00	32,064.00
Laptop Computers	15-inch MacBook Pro - Space Gray - St. Anthony's	6	3,999.00	23,994.00
Interactive Whiteboards	Newline TT-7518VN Displays - St. Anthony's	14	4,995.00	69,930.00
Laptop Computers	Chromebooks - St. Anthony's	108	366.00	39,528.00
Interactive Whiteboards	Newline TT-8618VN Displays - St. Anthony's	4	6,049.00	24,196.00
Other Costs	Undetermined non-public expenditures	1	7,493.00	7,493.00
		<b>174</b>	<b>30,165.00</b>	<b>215,988</b>