Smart Schools Investment Plan - Revised - Spring-2021

SSIP Overview

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Institution ID

800000048806

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

Daniel Friedman

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

516-733-2170

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

dfriedman@hicksvillepublicschools.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.**

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.

☑ Parents

☑ Teachers

☑ Students

☑ Community members

☐ This plan has been identified as a Remote Learning Plan and meets the criteria per the SSBA Guidance to be submitted and reviewed on an expedited basis, therefore the district did not consult with certain stakeholder groups including parents, teachers, students, community members and/or nonpublic schools in the district prior to submission of the application.

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

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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 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.

☐ This Plan has been identified as a Remote Learning Plan and meets the criteria per the SSBA Guidance to be submitted and reviewed on an expedited basis, therefore this plan has not met certain stakeholder engagement requirements including, consulting with nonpublic schools in advance of plan submission, having the school board conduct a hearing on the plan and/or posting the plan to the district website for a minimum of 30 days. This district will post the Remote Learning Plan to the district's website upon submission of the application.

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.**
Hicksville-SSIP-Spring-2021.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.**
https://www.hicksvillepublicschools.org/departments/information_technology/smart_schools_investment_plan___s_s_i_p_

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.**
7,500

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)

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

$1,575,321

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

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	5,189	1,943	7,132.00	27.24

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	592,000.00	592,000.00	0.00
Pre-Kindergarten Classrooms	0.00	0.00	0.00
Replace Transportable Classrooms	0.00	0.00	0.00
High-Tech Security Features	388,100.00	388,100.00	0.00
Nonpublic Loan	221,672.00	221,672.00	-0.00
Totals:	**1,201,772**	**1,201,772**	**-0**

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School Connectivity

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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.

    (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)

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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)

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)

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

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Select the allowable expenditure type. Repeat to add another item under each type.	**PUBLIC** Items to be Purchased	Quantity	Cost Per Item	Total Cost
		0	**0.00**	**0**

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
		0	**0.00**	**0**

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

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	5,189	1,943	7,132.00	27.24

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
Other	(No Response)	0.00	0.00
Totals:	**0.00**	**0**	**0**

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)
Totals:	**0.00**

14. **School Connectivity Totals**

	Total Sub-Allocations
Total Loanable Items	0.00

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	Total Sub-Allocations
Total Non-loanable Items	0.00
Totals:	**0**

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Community Connectivity (Broadband and Wireless)

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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. **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
		0	0.00	0

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)

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Community Connectivity (Broadband and Wireless)

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	Sub-Allocation
Totals:	**0.00**

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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.

   The District's data network is a Cisco-based system and follows a star topography. We are currently utilizing over 50 switches to move data throughout the WAN (wide area network). Additional switches (Cisco 2960x 48 Port PoE) have been added or installed as replacements. This was done during the addition of IP security cameras as well as secondary and elementary wireless access points. All of these switches have been installed with 10G fiber optics

   All district buildings are connected by a fiber optic wide area network (WAN). This network is owned and operated by the district and maintained, through Nassau BOCES, by Crown Castle, a regional fiber optic provider. The network is isolated from the commercial internet and all data traveling over it is maintained by the district. As of 9/1/2020 the District has a full 2GB connection to the comercial internet, also facilitated by Nassau BOCES.

   As part of a normal product life cycle, all three of the district's main network distribution switches reached the end-of-life status in July 2015. The district replaced the core Cisco 6500 series network switch in Fall of 2013 as part of a Capital Reserve project. One of two Cisco 4500 series network switches were replaced as part of the 2014-15 school budget. The remaining Cisco 4500 series network switch was replaced as part of the 2015-2016 school budget.

   Internet traffic and file storage represent a portion of our total network traffic. As main network switches are upgraded, network throughput was increased from 1G to a minimum of 10G. The Cisco core 6500 switch is capable of 40G should the district require this extreme level of throughput. This increased network capacity will facilitate the bandwidth requirements of additional mobile devices, IP surveillance cameras and delivery of media-rich instructional resources.

   The Internet content filter was funded through the 2015-2016 Technology Reserve. Our content filter is CIPA (Children's Internet Protection Act) compliant and provides the district with the ability to filter district owned devices both on and off campus. The content filter also provides the ability to give visitors and community members "guest" access to our wireless network.

   The districts Firewall was upgraded in 2019. Upgrade of the districts Firewall was required for two specific purposes. First and foremost, the frequent occurrence of malicious attacks have been occurring. Cryptolockers and other similar present an increased threat to the district. A modern Firewall offered a better level of protection. Further, additional throughput of network traffic, which will result from an increase in bandwidth. The new Firewall manages both inbound internet connectivity as well as intra-network data transfer.

   A series of Hewlett-Packard servers and Dell SANs (storage area networks) provide for the centralization of most major District

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applications and file storage. Servers are centralized in the District's NOC (network operations center) as part of a prior server virtualization project. The district is also seeking to co-locate servers at a second location to ensure quality of service across the district. This will provide for both off-site backup capabilities and high-availability of critical systems.

The district currently maintains a 700 Mbps connection the commercial internet. This service will be upgraded to 2Gbps in the 2020-2021 budget. As per above, capacity is in place to accommodate significantly higher speeds 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	5,187	518.70	2000	2000	9/1/20

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.

Through the use of technology, the district provides for learner-centered environments to meet the diverse needs of our students and faculty. The district utilizes technological resources to stimulate, nurture, and develop the unique potential and character of each student and teacher. Our vision is for students and staff to have broad access to the technology tools and skills to effectively use them in their daily learning routines.

All nine schools within the school district have full coverage wireless access in all instructional spaces. Access points are available in every classroom and multiple access points are available in large meeting spaces (cafeteria, gymnasium). A majority of WAPs have 2 Cat6 cables run to each access point. This additional wiring was installed with the initial installations for the purpose of future needs. The district is positioned, when the time comes, to swap out all access points for more advanced protocols which will require multiple network cables. No additional coverage is required at this time.

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.

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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 district has invested in the purchase and installation of interactive white boards since 2006. In that time, over 250 have been installed in classrooms and other learning spaces. Electricity has already been installed in all locations by licensed electricians including a district employee. All walls and ceilings that are used for installation are lead and asbestos free. The district began purchasing replacements based on a committee of teachers and administrators who reviewed multiple solutions. Teachers were pleased that the devices are compatible with software that they are already use to using. Smart Schools funds will be used to purchase the following:

- Interactive Flat Panel TV to be installed in classrooms that have never had one. This includes classrooms using portable solutions. Additional electric will be installed by the districts licensed electrician. Installation of the boards will be done by an outside contractor.
- Interactive Flat Panel TV to replace older, worn out hardware. As electric is already in place, installation of the boards will be done by an outside contractor.

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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.

Please note: If this plan has been identified as a Remote Learning Plan to be submitted and reviewed on an expedited basis, the district should explain how this plan will facilitate remote and hybrid learning, in lieu of responding to the question above.

The district has targeted instruction toward our ENL learners and interactive technology is essential to the success of these programs. ENL and bi-lingual instructional programs have been actively engaging students and their parents using the Seesaw online learning platform. All of the students in these programs have one to one devices provided by the district.

The Hicksville Public Schools sets instructional goals, identifies and evaluates appropriate technologies to enhance and support standards-based curriculum and broadens instructional practices that lead to higher levels of student achievement. Through the use of technology, the district provides for learner-centered environments to meet the diverse needs of our students and faculty. The district utilizes technological resources to stimulate, nurture, and develop the unique potential and character of each student and teacher. Our vision is for students and staff to have broad access to the technology tools and skills to effectively use them in their daily learning routines.

The district incorporates technology to differentiate instruction for students who learn in multiple modalities. The use of technology is a source of empowerment for students, as it creates a collaborative space for students to engage in academic activities with the teacher and with each other. Tasks can be differentiated to reach a wide spectrum of students in the classroom. Teachers can adjust the difficulty level of assignments, while providing all students with the required content. For students with difficulty with language processing, technology supports the incorporation of visual aids and text to speech to decode and comprehend grade level vocabulary and readings. Students with physical disabilities, such as blind, deaf or with limited mobility can access and engage in class activities and curriculum through group learning. Technology use also provides students with choice in how an assignment can be completed. Google classroom enables teachers to share guided notes with students and creates a platform where teachers can provide additional support to students who require further re-teaching of material. Due to the various disabilities of students in the district, communication is a challenge for some of our students. By way of technology, students can share and collaborate on projects, providing access to group work and removing barriers to inclusiveness.

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Assistive technology is provided to students with disabilities in accordance with the recommendations from the Committee on Special Education. The technology department works with the special education department to ensure that students placed both in and out of the school district are provided with the technology required to meet their IEP goals. Assistive technology is available to help ensure that students with specific IEP goals related to assistive technology, have access to and are able to participate in the general curriculum.

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 focus of this particular technology is primarily targeted at classroom instruction and learning. The need for interactive technology in the classroom continues to grow every day. As distance learning becomes a higher priority, these purchases will facilitate an equal instructional environment for all students both in school and at home.

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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."

Please note: If this plan has been identified as a Remote Learning Plan to be submitted and reviewed on an expedited basis, the district should provide a statement confirming that the district has provided or will provide professional development on these devices to its staff, in lieu of responding to the question above.

Professional development is crucial to the success of any educational technology initiative. To that end, our goal is to maintain a rigorous program of training for both new technologies as well as maximizing the potential of prior investments.

During the current pandemic learning environment, where remote and hybrid learning has become part of the normal school day, the Hicksville Public Schools has launched a rigorous program of online professional development for all faculty. Leveraging the availability of BOCES trainers, 1-3 staff developers are working online or in-person daily. Offering support and assistance to teachers who are learning to teach in a new paradigm.

It is the goal of Hicksville Public Schools to continue to implement a program of staff development that is designed to assist staff to maximize student potential, focus on success for all students and facilitate the implementation of the current NYS Teaching Standards and new Common Core Learning Standards." (Hicksville Public Schools Staff Development Plan 2011-16)

Our professional development focuses on an on-going program with the following goals:

  • To provide training to ensure that the professional staff has the support needed to use educational technology to deliver and support instruction.

  • To provide opportunities for all staff to enhance their educational technology knowledge and skills.

  • To provide educators with access to professional development in the use of educational technology in order to prepare them to help students achieve college and career readiness it is.

The Hicksville Public Schools has contracted with BOCES Model Schools program for 150 days of professional development and expects to continue this arrangement through the life of this plan. Available topics include but are not limited to: Google Apps for Education, Computer Coding, Google Earth, Interactive Whiteboards, PowerPoint, Excel, Multimedia, and iPad/Chromebook training. The District Director of Technology as well as the BOCES provided trainers regularly provide professional development to teachers in individual, small group in large group settings. Teachers have been trained to record lessons and edit video using online tools. Further, teachers have received extensive training on using Google Apps for Education including Google Classroom.

Additionally, the district provides monthly after school professional development opportunities, September through May, and two Superintendent Conference days in which technology may be presented. Further, training is offered in 1-2 day summer sessions. These trainings are conducted by district administrators, BOCES trainers and outside contractors.

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Classroom Learning Technology

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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.**

State University of New York at Stony Brook

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

631-632-7066

9c. **Enter the name of the contact person with whom you consulted and/or will be collaborating with on innovative uses of technology and best practices.**

Dr. Robert Mangione

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
Interactive Whiteboards	BenQ 75 Inch Flat Panel with wifi and mount	185	3,200.00	592,000.00
		185	**3,200.00**	**592,000**

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

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment				

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	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
	5,189	1,943	7,132.00	27.24

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	592,000.00	221,672.00	813,672.00
Computer Servers	(No Response)	0.00	0.00
Desktop Computers	(No Response)	0.00	0.00
Laptop Computers	(No Response)	0.00	0.00
Tablet Computers	(No Response)	0.00	0.00
Other Costs	(No Response)	0.00	0.00
Totals:	**592,000.00**	**221,672**	**813,672**

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Pre-Kindergarten Classrooms

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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
		0	0.00	0

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	

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Pre-Kindergarten Classrooms

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	Sub-Allocation
	(No Response)
Enhance/Modernize Educational Facilities	(No Response)
Other Costs	(No Response)
Totals:	**0.00**

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Replace Transportable Classrooms

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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
		0	**0.00**	**0**

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)
Totals:	**0.00**

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High-Tech Security Features

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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.**

    The district has previously invested in security systems including IP surveillange cameras, card swipe access systems and door alarms. Further, the district has also invested in mantrap entrances with monitored visitor management systems.

    The district will use Smart Schools funds to replace older cameras, add cameras in additional locations.Further, more card swipe access will be added to all school buildings.

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
28-05-17-03-7-999-BA1

3. **Was your project deemed eligible for streamlined Review?**

    ☑ Yes

    ☐ No

    3a. Districts with streamlined projects must certify that they have reviewed all installations with their licensed architect or engineer of record, and provide that person's name and license number. The licensed professional must review the products and proposed method of installation prior to implementation and review the work during and after completion in order to affirm that the work was code-compliant, if requested.

    ☑ By checking this box, you certify that the district has reviewed all installations with a licensed architect or engineer of record.

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

Name	License Number
John Grillo	27360

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
Entry Control System	Dual door swipes, motion sendor and door alarm	20	4,000.00	80,000.00
Electronic Security System	Additional and replacement cameras	60	1,400.00	84,000.00

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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
	(interior)			
Electronic Security System	Additional and replacement cameras (exterior)	90	2,490.00	224,100.00
		170	**7,890.00**	**388,100**

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	308,100.00
Entry Control System	80,000.00
Approved Door Hardening Project	(No Response)
Other Costs	(No Response)
Totals:	**388,100.00**

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Non-Public Schools

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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.**

    Please note: If this plan has been identified as a Remote Learning Plan to be submitted and reviewed on an expedited basis, the district should state that they will reach out to the nonpublic schools upon submission of the application, in lieu of responding to the question above.

    All area private schools will be using available funding for the purchase of Chromebooks for students.

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.**

    6/30

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

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	5,189	1,943	7,132.00	27.24

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	813,672.00		114.09	0.00	114.09	114.09	221,672.00
Final Adjusted Loan - (If additional loan funds)	0.00	813,672.00	(No Response)	114.09	0.00	114.09	114.09	221,672.00

5. **Nonpublic Share**

	Final Per Pupil Amount	Final Nonpublic Loan Amount
Pending and Previously Approved Plans	0.00	0.00
This Plan	114.09	221,672.00
Total	114.09	221,672.00

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

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Nonpublic School Name	2018-19 K-12 Enrollment	Special Ed School? If Yes, not eligible
CAROUSEL DAY SCHOOL	5	No
HOLY FAMILY SCHOOL	246	No
HOLY TRINITY DIOCESAN HIGH SCHOOL	730	No
OUR LADY OF MERCY SCHOOL	124	No
TRINITY LUTHERAN SCHOOL	138	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
Laptop Computers	Chromebooks	440	503.80	221,672.00
		440	**503.80**	**221,672**