Smart Schools Investment Plan - Revised - Levittown USFD_Supplemental_#1

SSIP Overview

Institution ID

800000049713

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

   Todd F. Connell

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

   516-434-7075

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

   tconnell@levittownschools.com

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. Each box must be checked prior to submitting your Smart Schools Investment Plan.

   ☑ Parents
   ☑ Teachers
   ☑ Students
   ☑ Community members

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: Each box must be checked prior to submitting your Smart Schools Investment Plan.**

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

Smart Schools Investment Plan - Revised - Levittown USFD_Supplemental_#1

SSIP Overview

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.**

Smart Schools Investment Plan_Levittown.pdf
Smart_Schools_Presentation_Slide.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.levittownschools.com/departments/administrative/computer/

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.**

8,644

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:**

$4,969,070

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

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	7,160	44	7,204.00	0.61

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	2,285,208.00	2,285,208.00	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	2,629.00	2,629.00	0.00

Smart Schools Investment Plan - Revised - Levittown USFD_Supplemental_#1

SSIP Overview

	Sub-Allocations	Expenditure Totals	Difference
Totals:	**2,287,837**	**2,287,837**	**0**

Smart Schools Investment Plan - Revised - Levittown USFD_Supplemental_#1

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)

Smart Schools Investment Plan - Revised - Levittown USFD_Supplemental_#1

School Connectivity

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
		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	7,160	44	7,204.00	0.61

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

Smart Schools Investment Plan - Revised - Levittown USFD_Supplemental_#1

School Connectivity

	Public Allocations	Estimated Nonpublic Loan Amount	Estimated Total Sub-Allocations
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
Total Non-loanable Items	0.00
Totals:	**0**

Smart Schools Investment Plan - Revised - Levittown USFD_Supplemental_#1

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
		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)
Totals:	**0.00**

Smart Schools Investment Plan - Revised - Levittown USFD_Supplemental_#1

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.

   The District currently exceeds the FCC recommendation with subscription services to two separate Internet Service Providers. Nassau BOCES BO-TIE fiber network provides the district with 750 Mbps of internet bandwidth while a subscription to our local cable company provides an additional 100 Mbps of internet bandwidth. These two lines are coupled or teamed on our firewall allowing for a total of 850 Mbps of internet bandwidth with the additional benefit of providing some fault tolerance if one service suffers an outage.

   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	7,295	729.50	850	850	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.

   Network bandwidth and performance is measured and monitored with a combination of hardware and industry leading software. The District uses SolarWinds software to provide real time monitoring of servers, network interfaces, Wi-Fi access points, network switches and end-user client devices throughout the district. We are immediately alerted if any critical component goes offline. In addition we can obtain detailed reports of network traffic data allowing us to make informed decisions regarding upgrades and react proactively. Additional monitoring, reporting, and troubleshooting specific to the Wi-Fi network is made available to us via the Aruba Airwave product. Wi-Fi information such as complete visual coverage maps of entire buildings all the way down to detailed and granular reports on specific devices connecting to specific access points are possible with the Airwave reporting capabilities. It has allowed us to proactively look at Wi-Fi coverage and usage and make adjustments where needed. For example, report analysis has yielded data indicating the need to boost the signal strength of certain access points in high density areas and add additional access points for more complete coverage in other instances. Collectively these tools allow us to plan properly and meet the needs of our teachers, students and staff.

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 devices selected will fit in seamlessly with our current devices and network environment. Like our existing computers they are all Microsoft Windows based and support the latest high speed Wi-Fi standard.

   The Microsoft Surface Go was selected as the device for our 1:1 initiative. Geared toward education, its capabilities will enhance and improve our initiative. It is small and lightweight, has the flexibility of being used as both a touch screen tablet or as a laptop with full keyboard. It has the familiar Microsoft Windows operating system installed and is manageable within our current infrastructure. In comparison to our currently deployed 1:1 device it offers several key benefits including: improved battery life, Gorilla glass and magnesium casing to reduce breakages, faster boot-up speed, faster application launch times and approximately double the Wi-Fi speed.

   The other device chosen by our district was the Dell Latitude 5490 laptop for classroom usage. We currently have 1,800 Dell laptops deployed throughout the district. They were chosen due to their reliability, durability, speed, mobility and ease of management. Their larger screen size and comfortable keyboard also make them ideal for online testing. During non-testing times, the laptops can easily be used to support and enhance the curriculum adding additional value to their acquisition.

   All of the District's classrooms are equipped with dedicated 120 volt AC 20 AMP circuits readily available to charge the tablets/laptops when needed. A full classroom set of tablets would only draw a maximum load of approximately 672 watts, far below the recommended circuit maximum of 1,920 watts (2,400 watts in theory). Similarly the mobile laptop carts chosen can safely be used with the dedicated classroom outlets. They are equipped with a smart charging system called the PowerProdigy directing power only to devices as needed. In addition the carts divide the devices up into small groups via four individual power strips and the power strips purposely do not draw all at the same time, essentially taking turns, thus reducing the electrical needs per cart and reducing the overall electrical needs for the building.

   Any electrical load will be dispersed throughout the District as not all of these units are in any one building. In addition, for our 1:1 tablet initiative, students are reminded to bring their tablets into school fully charged every day in order to decrease downtime due to charging issues thus allowing for the maximum instructional benefit throughout the school day.

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 proposed technology purchases will assist the district in meeting its technology goals and the broader District goal of success for every student. The devices used both in and out of the classroom increase learning opportunities for all students and specifically address the needs of students that struggle to succeed in a rigorous curriculum.

Enhance Differentiated Instruction
The tablet device selected in this proposal will be used to continue the 1:1 initiative in the district. The 1:1 initiative itself aligns perfectly with differentiated instruction. Each student with their own device can be offered individualized software specific to their needs. For example, if a student is in need of reinforcement for a particular math concept, an app can be installed to meet that need. Similarly learning games and other interactive software can be used to supplement and differentiate instruction. Text to speech and/or speech to text software can provide increased support for comprehension of written or verbal language for individual students. Different learning styles can also be addressed with the vast array of educational apps and software available for these devices.

Expanded Learning Inside the classroom
The primary purpose of the chosen devices is to provide greater access to technology in the classroom in order to enhance the curriculum. Creating opportunities for students to learn using the abundance of digital resources available and likewise giving teachers opportunities to teach the curriculum with an incredible tool in the hand of every student. The devices allow for more effective communication and collaboration than ever before preparing our students for the digital world we live in.

Expanded Learning Outside the classroom
The 1:1 initiative allows for each student to take their assigned device home with them every night, including weekends and holiday breaks. Class lesson plans, materials, and assignment instructions are available to students and families for 'anytime, anywhere' access through teacher websites and/or our learning management system. The devices can be used for research, homework, reinforcement, apps, communication and collaboration outside the classroom. Additionally the proposed devices will be setup to allow for instant access to their home drive files and cloud storage space giving them access to all the digital resources and collaboration tools they need to succeed outside of the classroom.

Benefit students with disabilities and English language learners
The assigned 1:1 tablets and the classroom laptops can be setup to accommodate a student's individual needs. They support home-language interfaces and apps as well as specialized hardware such as home-language keyboards and translation pens for ELL/MLL student learning. Software such as Read Write Gold, ZoomText, Dragon Naturally Speaking and hardware/accessories such as portable scanners, specialized pointing devices, adaptable keyboards and specialized carrying cases are compatible and can be used with the chosen tablets and laptops; benefiting students with disabilities. In addition, built-in OS accessibility modes (high contrast mode, read aloud, etc.) can be utilized.

Contribute to the reduction of other learning gaps that have been identified within the district
While many of our students are familiar with using mobile devices and computers to access social media or Youtube, we found they are not well versed in using real-world productivity tools such as word processing, spreadsheet software and even email. They also lack essential keyboarding skills having developed bad habits very early on. The chosen devices have full productivity suites installed and full sized keyboards. In alignment with our technology plan some of these devices will be used at the elementary level to learn and re-enforce proper keyboarding skills and simultaneously

develop proficiency using productivity software. Developing and mastering these skills will help our students overcome the identified gaps and better prepare them for both college and the real world. Wherever possible the devices will be used to overcome any learning gaps that are identified in the future.

Addressing the needs of students who struggle to succeed in a rigorous curriculum

Below are some examples of the different ways these technology devices will be utilized to assist in addressing the needs of students who struggle to succeed in a rigorous curriculum.

- Devices can increase the options for students to demonstrate knowledge and skills
- Alternative instructional content delivery (providing videos or other visuals to supplement verbal or written instruction)
- Interactive learning games and other software can be used to supplement and reinforce instruction
- Class assignments, lesson plans and materials available online for access 24/7
- Text to speech and/or speech to text software can be used to provide increased support for comprehension of written or verbal language (i.e. Dragon Naturally speaking, Read Write Gold)
- Accessibility mode enabled and specialized software where needed (i.e. ZoomText)
- Library Media Specialists have options to offer ebooks/ audio books
- Remedial and intervention software such as Read180 and System44 are available on the devices for specific classrooms/students
- Cloud resources such as Office 365 are used to create pure digital workflows
- Specialized audio devices are employed in classrooms that work in conjunction with the devices
- Document scanners with OCR technology are used to digitize documents for enlarging text and speech read-back capabilities and shared to the devices
- Adaptive keyboards, mice/pointing devices are used
- Tablets with stylus and apps are utilized to improve motor function

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 1:1 initiative continues to create dialog between the school and community about the role of technology in education and how the tablets enrich the students learning experience. This initiative allows teachers to expand their usage of Learning Management Systems giving parents better insight into classroom happenings such as assignments, homework, the curriculum material and events. This fosters and encourages discussions between the parents and the school. By continuing the 1:1 in the years ahead using Smart Schools funding this communication will continue and parents and community members alike will be more involved in the educational process.

While there are currently no formal distance learning initiatives in the District, the tablet can be used for future distance learning initiatives. It has a built-in camera, microphone and Skype software installed. It can easily be used for distance learning opportunities such as tutoring, instruction, pen pals projects and instructor led virtual field trips.

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."

The Levittown Professional Development plan evidences the belief that the teacher is the most important influence in a student's learning experience. The plan acknowledges the need to coordinate the district's professional development activities with the New York State (NYS) Learning Standards, the NYS Common Core Learning Standards, the NYS Professional Development Standards, the National Staff Development Council Standards, the NYS Teaching Standards and the Interstate School Leaders Licensure Consortium (ISLLC) Standards.

Technology focused Professional Development in the district is guided by the SAMR Model. The SAMR Model is a framework for classroom technology integration created by Dr. Ruben Puentedura that categorizes four different degrees of classroom technology integration. The letters "SAMR" stand for Substitution, Augmentation, Modification, and Redefinition. The model creates a common language that can be used across disciplines as teachers strive to integrate technology and increase learning opportunities for students. The excellent visual representations of the differing levels of technology integration that are available for this model make it easy to see where one is and how to get to the next level. Using this framework, Professional Development is tailored toward individual teachers needs and abilities, making Professional Development more relevant and allowing teachers to reach higher levels of classroom technology integration.

Throughout the school year, there are a numerous opportunities for professional growth that focus specifically on instructional technologies (both existing and emerging) for teachers and administrators. Teachers and administrators play an active role in determining areas that require further professional development through the needs analysis process. These opportunities are designed to be relevant, sustained and timely to teachers and administrators. Many are hands-on trainings. Below is a list of opportunities made available during a typical school year:

• Push-in classroom/ co-teacher method
• Teacher led turnkey trainings during planning periods
• Department/Grade Level Meetings, regularly scheduled
• One-on-one scheduled trainings
• Superintendent's Conference Days
• In-Service courses
• Levittown Teachers' Center courses; offered all year long
• New teacher orientation
• Attendance at technical conferences
 Typical instructional technology topics include, but are not limited to:
 • Integrating devices into the classroom, focus on 1:1 initiative
• Edmodo Learning Management system, Canvas
• Nearpod
• Online instructional programs such as Castle Learning, iReady, Journeys, EnVision Math, BrainPOP, Math IXL, Discovery Education, etc.
• SmartBoard training, basic and advanced
• Virtual Field Trips using webcams
• Internet Safety/Cyberbullying
• iPad usage in the General and Special Ed. classrooms
• Microsoft Office365
• Digital Photo Editing
• Creating Teacher Websites

In addition to the sample offerings above, any new instructional technology related initiative is always accompanied by professional development to ensure success. For example, the district recently piloted the iReady program, along with the equipment and software purchases a significant amount of professional development was also included for teachers and administrators. A needs analysis will be conducted on an ongoing basis to see if more professional development is necessary. Periodic surveys of faculty are conducted to provide feedback, ascertain individual learning needs and to design differentiated strategies and activities for professional development.

Smart Schools Investment Plan - Revised - Levittown USFD_Supplemental_#1

Classroom Learning Technology

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 New Paltz

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

(845) 257-2800

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. Michael S. Rosenberg

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
Laptop Computers	Dell Latitude 5490 Laptop	1,098	700.00	768,600.00
Other Costs	Laptop Classroom Storage	48	685.00	32,880.00
Tablet Computers	MS Surface Go Tablet	2,100	415.00	871,500.00
Other Costs	Tablet Keyboards	2,100	84.00	176,400.00
Other Costs	Tablet Cases	2,100	50.00	105,000.00
Other Costs	Tablet HW Warranty	2,100	140.00	294,000.00
Other Costs	Laptop Carts	27	1,364.00	36,828.00
		9,573	3,438.00	2,285,208

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

Smart Schools Investment Plan - Revised - Levittown USFD_Supplemental_#1

Classroom Learning Technology

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	7,160	44	7,204.00	0.61

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	0.00	0.00	0.00
Computer Servers	0.00	0.00	0.00
Desktop Computers	0.00	0.00	0.00
Laptop Computers	768,600.00	884.23	769,484.23
Tablet Computers	871,500.00	1,002.61	872,502.61
Other Costs	645,108.00	742.16	645,850.16
Totals:	**2,285,208.00**	**2,629**	**2,287,837**

Smart Schools Investment Plan - Revised - Levittown USFD_Supplemental_#1

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
		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	(No Response)
Enhance/Modernize Educational Facilities	(No Response)
Other Costs	(No Response)
Totals:	0.00

Smart Schools Investment Plan - Revised - Levittown USFD_Supplemental_#1

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
		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**

Smart Schools Investment Plan - Revised - Levittown USFD_Supplemental_#1

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
		0	**0.00**	**0**

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)
Totals:	**0.00**

Smart Schools Investment Plan - Revised - Levittown USFD_Supplemental_#1

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.**

Within the District's boundaries there are two small non-public schools; one a Montessori school and the other a school for autistic children. Both schools were consulted with and their classroom technology selections are as follows:

Maria Montessori School:
 MS Surface Go Tablets

Elijah School:
 Dell Inspiron 15 laptops

After the arrival and inventorying of classroom technology purchases, both schools will be notified and, upon request, lent the classroom technology. Items lent will be denoted in district inventory reports and loan forms will be on file. The date by which these requests must be received is August 31st of each year.

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.**

August 31st

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

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	7,160	44	7,204.00	0.61

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	2,287,837.00		250.00	190.25	250.00	59.75	2,629.00
Final Adjusted Loan - (If additional loan funds)	0.00	2,287,837.00	(No Response)	250.00	190.25	250.00	59.75	2,629.00

5. **Nonpublic Share**

	Final Per Pupil Amount	Final Nonpublic Loan Amount
Pending and Previously Approved Plans	190.25	8,371.00
This Plan	59.75	2,629.00
Total	250.00	11,000.00

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

Smart Schools Investment Plan - Revised - Levittown USFD_Supplemental_#1

Non-Public Schools

Nonpublic School Name	2018-19 K-12 Enrollment	Special Ed School? If Yes, not eligible
ELIJA SCHOOL (THE)	27	No
MARIA MONTESSORI SCHOOL (THE)	7	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	Dell Inspiron 15 5000 Laptop (Elijah School)	4	521.91	2,087.64
Tablet Computers	MS Surface Go Tablet (Maria Montessori)	1	415.00	415.00
Other Costs	Tablet Keyboard (Maria Montessori)	1	84.00	84.00
Other Costs	Tablet Case (Maria Montessori)	1	42.36	42.36
		7	**1,063.27**	**2,629**