Smart Schools Investment Plan - Revised - SMART BOND Part II

SSIP Overview

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Institution ID

800000051676

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

Nicole Dettenrieder

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

5188352171

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

ndettenrieder@wufsk8.org

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

Supplemental submission

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

☑ District Educational Technology Plan Submitted to SED and Approved

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

☑ Parents
☑ Teachers
☑ Students
☑ Community members
☐ 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.

Smart-Schools-Investment-Plan-Revised.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.

www.wufsk8.org

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.

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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:

$144,133

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

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	129	0	129.00	0.00

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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	45,928.21	45,928.21	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	0.00	0.00	0.00
Totals:	**45,928**	**45,928**	**0**

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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/ NA

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

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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
		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)	0	0	(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	129	0	129.00	0.00

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

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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)
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.

Within our service contract through NERIC we surpass the need of 100 mbps per 1000 students since we have a contract 40 mbps and our need is 13 mbps.

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	115	11.50	40	40	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.

In February of 2018 as part of the Smart Schools submission we purchased and installed 12 HP Aruba Access Points.

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 building electrical infrastructure is more than capable than to support multiple devices. The building HVAC and electrical system meet the SED guidelines for student occupied instructional area. All heating and cooling systems are comprised of filtration system to ensure indoor air quality.

Dell Chromebook 3100

An accessible and highly durable 11.6-inch laptop with 14 hours of battery life and features seamless manageability.

- Processor:Intel Celeron N4020 (Dual Core, up to 2.8 GHz Cache, Intel Burst Technology)
- Memory: 4 GB 2400 MHz LPDDR4 SDRAM
- Hard Drive: 32 GB eMMC
- Display: 11.6” LCD, HD (1366 x 768) Touch Screen, Camera & Microphone, WLAN Capable
- Input Device: Keyboard, Touchpad (multi-gesture touchpad, spill-resistant, tamper-resistant keyboard)
- Networking:Intel Wireless-AC 9560 Bluetooth 5.0
- Battery: 3-cell Lithium ion 42 watt hour(s)
- Dimensions
- Width: 12 inch
- Depth: 8.2 inch
- Height: 0.8 inch
- Weight: 2.84 lbs
- Ports: 2 USB 3.0 Ports, 2 USB-C Ports, 1 headphone/microphone combo jack
- Services: 1 Year Dell Mail-in Service

Google Chrome Education Upgrade

- Perpetual Academic License
- Chrome OS Upgrades
- Device Management
- 24x7 IT Admin Support

Dell Latitude 5520-15.6 cor i7 1185G7- vPro- 16 GB RAM- 112 GB SSD

- Processor- Core i7, Quad-Core, Generation 11, Intel 4.8 GHZ, Intel Turbo Boost Technology 2.0
- Memory- 16GB
- Hard Drive- 512 GB, Class 35, NVM Express
- Battery- 4-cell, Lithium ion, 63 watt hours
- Power Device- 5/9/15/20 volt, 65 watt, AC 120/130 V, 50/60 hertz
- Card reader, microSD, microSDHC, microSDXC
- Speakers- Stereo speakers, Realtek ALC3204, high definition audio
- Display- LCD, touchscreen, 15.6 in, 1920 X 1080, Full HD, widescreen, pixel 141, 0 hertz
- Dimensions:
- Width- 14.1 in
- Depth- 9.3 in
- Height- 0.9 in
- Weight- 3.51 lbs
- Interfaces: USB 3.0-2, USB-C- 2, HDMI-1, headphone/microphone combo jack, LAN, USB 3.2 Gen 1, USB 3.2 Gen 1 (power share)
- Networking- Intel Wi-Fi 6 AX 201, Bluetooth, Ethernet, Fast Ethernet, Gigabit Ethernet
- Keyboard, touchpad
- Notebook, Windows, Trusted Platform Module Security Chip, Fingerprint reader, Smart card reader
- Service & Support- 1 year Hardware Service with Onsite/In-home service after remote diagnosis- Disti SNS

Dell Latitude 3520 15.6-inch display

- Processor: Intel Core i5 Quad-Core
- Memory: 8 GB DDR4 SDRAM
- Hard Drive: 32 GB Non-ECC
- Flash Memory: card reader: microSD, microSDHC, microSDXC
- Display: LED 15.6 inch HD; HD Digital Camera with Webcam capability, stereo speakers, microphone
- Input Device: keyboard, touchpad with numeric keypad
- Networking: Intel Wi-Fi 6 AX 201, bluetooth, ethernet

- Interfaces: 1 USB 2.0 Ports, 2 USB 3.0 Ports, 1 USB-C Port, 1 HDMI Ports, USB Power Delivery, HDMI, Headphone/microphone combo jack, LAN
- OS: Windows 10 Pro
- Software: McAfee Small Business Security, Microsoft Office
- Battery: 4-cell, 54 watt hour(s)
- Dimensions:
- Width: 14.2 inch
- Depth: 9.5 inch
- Height: 0.7 inch
- Weight: 3.95 lbs
- Service & Support: 1 Year Hardware Service with Onsite/in-Home Service after Remote Diagnosis

Promethean ACTIVpanel Nickel 65”-4K

- Promethean ACTIVpanel Nickel LED-backlit LCD flat panel display, 65-inch
- Built-in interactive whiteboard, touchscreen (multi touch)
- Display Format: 4K UHD (2160p)
- Audio System: 30 watt, 2 speakers, front firing
- Media Player: 4 USB Ports
- Processor: ARM Cortex-A73 Dual-Core + ARM Cortex-A53 Dual-Core
- Memory: 2 GB RAM
- Hard Drive: 16 GB, Android OS 8.0
- Network: LAN, Wi-Fi, Fast ethernet
- Remote Control
- Connections:
- Audio line in
- Composite video input
- HDMI-front, HDMI-rear
- LAN input, output
- MIcrophone input
- Touch-front, rear
- USB: 2 front, 2 rear
- USB 3.0 front
- USB-C with power delivery
- VGA input
- Cable: HDMI cable-10 ft., USB cable-10 ft., USB-C-6 ft.
- Power Device: power supply AC 120/230 V
- Dimensions
- Width: 60.5 inch
- Depth: 3.5 inch
- Height: 37.8 inch
- Weight: 101.41 lbs

Promethean Mobile Stand

- Dimensions:
- Weight- 82.5lb
- Overall- 61.6”X 51.2”X 26.2”
- Shelf- 31.5” X 15.7”

Contents: bracket, base plate and shelf, vertical bracket, wheels and fixtures

The LEGO® Education SPIKE™ Prime Set is the go-to STEAM learning tool for grade 6-8 students. Combining colorful LEGO building elements, easy-to-use hardware, and an intuitive drag-and-drop coding language based on Scratch. SPIKE Prime continuously engages students through playful learning activities to think critically and solve complex problems, regardless of their learning level. From easy-entry projects to limitless creative design possibilities, including the option to explore text-based coding with Python, SPIKE Prime helps students learn the essential STEAM and 21st century skills needed to become the innovative minds of tomorrow... while having fun. The kit includes 529 lego bricks, 29 interactive lessons for students, and varied levels that are easily adaptable for all levels of learners. These kits will replace the current Lego

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MINDSTORMS EV3 that are in use, as Lego Education is discontinuing support and production of the MINDSTORMS parts.

Dell Docking Station WD19S- docking station-USB-C HDMI, 2 X DP, USB-C

- Cable- 1 X USB-C cable- 2.6 ft
- Max Resolution: 5120 X 288-60 Hz
- 130W power delivery to Dell systems, 90 W power delivery to non-Dell systems, Security lock slot, Wireless vPro, Noble Wedge security slot/ kensington security slot
- Dimensions & Weight: W- 8.1 in, Depth- 3.5 in, Height- 1.1 in, Weight- 20.63 ounce
- Interface: 1 x display / video - HDMI - 19 pin HDMI Type A, 1 x network - Ethernet 1000 - RJ-45, 1 x USB-C, 2 x display / video - DisplayPort - 20 pin DisplayPort, 2 x USB-C 3.1 Gen 2, 3 x USB 3.1 Gen 1 - 9 pin USB Type A
- Power Device:
- Power adapter
- 130 watt
- AC 120/230 V
- 50/60 hertz

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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.

Promethean ACTIVpanel
It's much easier to concentrate on something when you're playing an active role. Up to 10 students can draw on the interactive screen at any one time, making them ideal for increasing engagement. This type of technology provides students with enriched learning experiences by projecting visual elements. Teachers are able to accommodate different learning styles, making differentiation easier. Visual learners can learn by observing the board while tactile learners learn by touching the board.

Learning can come to life without even having to leave the classroom. Student learning is enhanced because of the ability to view diagrams, charts, videos, and more. Students find it more fun to learn to work together in front of the class, they are likely to take participation more seriously. The interactive projectors also make it easier to teach dynamically. An interactive projector can be a valuable tool for increasing engagement, even from students' seats. The touchscreen option allows teachers to run multiple programs at the touch of their finger.

For students with disabilities and English Language Learners, this technology is used all over the country to enhance the ways students learn. Visual, auditory, and kinesthetic learners all have equal opportunities to learn. Students are able to express ideas,learn information, and demonstrate understanding in many ways, supporting inclusive classrooms.

For students with physical disabilities, they are able to write and interact with their fingers, even if they have trouble holding the pen. The touch and click ease allow those who struggle with keyboard and mice to still interact with the board.

Chromebooks
Chromebooks enhance student communication and collaborating abilities. Gmail, calendars, and video conferencing allow students to get organized and stay communicated with important assignments and projects. Each student has their own personal profile, so students are able to download and use different apps specific to their learning and abilities. The Chromebook is an assistive tool for students who may need to look up additional information or videos to gain a better understanding of topics taught in class.

Chromebooks allow students to stay connected and work together when working on group projects, reports, powerpoints, or videos. Access to work can be attained whether students are together or not. Google apps allow students to collaborate, even when they can not physically be together.

Chromebooks are desktop learning stations that every student has access to; even those with special needs or ELL users. Students are able to use applications such as text to speech and translation for assistance. They are an assistive tool (AT) that helps students with special needs access curriculum and information.The extra apps and features help those with physical, cognitive, or language delays have the same access to learning as those students without. It promotes the inclusive classroom environment.

Students are able to access curriculum without accessing triggers that may occur. They are able to view curriculum and resources with ease and

without distraction; lowering anxiety. Teachers are also able to support individual needs with the use of specialized web apps, screen readers, screen magnifies, and collaboration tools.

The LEGO® Education SPIKE™ Prime Set enhances differentiated instruction by offering lessons at various levels, as well as two different styles of coding that allows for students to advance as they feel comfortable to do so. Students are able to choose between block coding, similar to Scratch.mit, or Python style. Students will also be able to have lessons read to them to help with directions, and follow along with objectives on their Chromebooks. Additionally, the lessons are scalable for teachers to meet students at the grade level they are learning at.

Allowing students to use The LEGO® Education SPIKE™ Prime Sets will allow students to work on critical thinking and problem solving skills, as well as enhancing their STEAM and engineering knowledge. The lessons are targeted at solving real world challenges that students may face at home, while allowing them to work on solutions in the classroom where they can learn through trial and error.

Students with disabilities and English language learners will have equal opportunities to explore lessons. The lessons included have options to be read aloud or in different languages. The various colors of the Lego bricks are designed to make them easy to distinguish from one another, ensuring each student will be able to locate the bricks necessary while continuing

The district has identified through a BrightBytes survey several technology areas that need improvement. These include working with peers online and using technology to create something. The LEGO® Education SPIKE™ Prime Set allows students to collaborate together in the lessons to achieve objectives, while also getting them familiar with accessing materials online and applying them in a classroom setting. The district has also identified technology fluency as an area of improvement in the 2022 Technology Plan. Incorporating this curriculum will allow for further alignment with the New York State Computer Science and Digital Fluency Learning Standards.

Laptops:

These laptops will be used to replace existing outdated technology in several classrooms. The new technology will increase access to programs for student learning and engagement. The new laptops will be used alongside the new Promethean boards which will have better compatibility. This will give teachers the opportunity to work from various locations.

With new laptops, teachers will be able to access different learning platforms and tools. Some of the tools and platforms will allow teachers to track student progress and create individualized learning plans. This will encompass ELL, special education, and other identified students or groups of students. The teachers will be able to present information in multiple formats to reach all learning styles.

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.

Parent-teacher communication is a vital factor that contributes to the success of students. With the increase of technology platforms like emails, texts, websites, electronic portfolios, online-surveys, and remote learning these applications make communication more timely, efficient, productive and satisfying. Technology also allows teachers to create calendars that can be accessed at any time, so parents can schedule meetings, view homework assignments or even volunteer at school. Teachers can also create on-line grade-books, enhance remote learning options and allow parents and students to actively participate with the educational experience. With the addition of technology performance can occur on a steady basis and interventions can be at a faster rate. Additionally, students in all grades and staff will be given the opportunity to bring devices home to bridge the gap to those members who lack technology.

Teachers will use technology to collaborate with colleagues to do cross curricular work, track student behavior and academic progress, and share information with parents.

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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.

PreK-8 teachers will be addressing the following topics through professional development that will be ongoing; Interactive Monitor training (SMART TV), cybersecurity, ED Law 2D requirements, integrating technology into curriculum, check-up for device gaps, surveys and tech problems, apps for education, and how to use technology to differentiate instruction. In addition, we continue to work with NERIC for services and to provide appropriate trainings. NERIC services include: consultation, planning, implementation, oversight and ongoing support for standardized technology. There is also training available for staff through our local HFM BOCES. Some of the topics that are presented are: coding for upper elementary students and simple app development for any classroom. As part of the District Development Plan there will be an onsite teacher and administrator that undergoes professional development training to provide certified training to all staff members.
Evaluation of implementation of the Technology Plan will be conducted by surveys, simple observations of technology use, instruction and integration by the two Technology Integration Specialists and by building administrators. The two Technology Integration Specialist will collect data and present it at monthly technology meetings. Comments from teachers, students, staff, parents and the community may be referred to administration or the Technology Specialists. Any feedback that warrants changes will be presented at the meetings and next steps will be decided.
The technology specialists will attend conferences to gain insight on new learning platforms, tools, and devices to enhance teachers practices and student learning. Technology specialists will present this information to staff to determine which tools are of interest and then provide professional development.

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 Plattsburgh

9b. Enter the primary Institution phone number.

518-862-5436

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.

Lora Parks

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.

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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 Chromebook 3100 2-in-1 11.6 in	85	275.00	23,375.00
Interactive Whiteboards	Promethean Active Panel 65 in LED	5	1,981.55	9,907.75
Laptop Computers	Dell Latitude 3520-15.6 8GB RAM	1	810.88	810.88
Laptop Computers	Dell CTO 5520	2	1,999.99	3,999.98
Other Costs	Google Chrome Education Upgrade	85	32.00	2,720.00
Other Costs	LEGO Education SPIKE	8	359.95	2,879.60
Interactive Whiteboards	Promethean Mobile Stand	3	500.00	1,500.00
Other Costs	Dell Docking Stations WD19S	3	245.00	735.00
		192	**6,204.37**	**45,928**

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

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	129	0	129.00	0.00

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	11,407.75	0.00	11,407.75
Computer Servers	(No Response)	0.00	0.00
Desktop Computers	(No Response)	0.00	0.00
Laptop Computers	28,185.86	0.00	28,185.86
Tablet Computers	(No Response)	0.00	0.00
Other Costs	6,334.60	0.00	6,334.60
Totals:	**45,928.21**	**0**	**45,928**

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

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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.

Nonapplicable

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 - SMART BOND Part II

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.

Non-applicable

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**