

Smart Schools Investment Plan - Revised - Mount Sinai 201608 - Supplemental 1

SSIP Overview

Page Last Modified: 06/22/2023

**Institution ID**

800000037627

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

Mark Cannet

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

6318702814

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

mcannet@mtsinai.k12.ny.us

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

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

5a. **Please detail which nonpublic schools have closed or moved since 2014-15, including enrollments and physical locations.**

There was a private school, The Learning Center that was a Pre-K institution that also had a Kindergarten program within district boundaries. The district was responsible for overseeing that Kindergarten program during the time period it operated.. The Learning Center closed down approximately 2014 - 2015 and no longer operates.

Smart Schools Investment Plan - Revised - Mount Sinai 201608 - Supplemental 1

SSIP Overview

Page Last Modified: 06/22/2023

**6. Certify that the following required steps have taken place by checking the boxes below:**

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

**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-Original-.pdf

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

[https://www.mtsinai.k12.ny.us/our\\_district/district\\_policies\\_procedures](https://www.mtsinai.k12.ny.us/our_district/district_policies_procedures)

**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.**

2,700

**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:**

\$1,618,336

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

Smart Schools Investment Plan - Revised - Mount Sinai 201608 - Supplemental 1

SSIP Overview

Page Last Modified: 06/22/2023

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	2,387	0	2,387.00	0.00

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	122,131.00	122,131.00	0.00
Connectivity Projects for Communities	0.00	0.00	0.00
Classroom Technology	2,101.20	2,101.20	0.00
Pre-Kindergarten Classrooms	0.00	0.00	0.00
Replace Transportable Classrooms	0.00	0.00	0.00
High-Tech Security Features	232.00	232.00	0.00
Nonpublic Loan	0.00	0.00	0.00
<b>Totals:</b>	<b>124,464</b>	<b>124,464</b>	<b>0</b>

Smart Schools Investment Plan - Revised - Mount Sinai 201608 - Supplemental 1

School Connectivity

Page Last Modified: 03/03/2023

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.**

Mount Sinai School District currently has a student population of approximately 2200 students. That would require Mount Sinai to maintain a little over 200Mbps internet connectivity. In school year 21-22 Mount Sinai increased it's then 250Mbps internet connection between 2 IPS's to 1.1Gbps - which far exceeds the minimum requirement. Going into school year 2023-2024 Mount Sinai is looking to increase that even further to 1.5Gbps between the two separate ISP's. Each ISP enters the district campus from 2 different paths to provide redundancy and disaster avoidance due to an accident on the roadways or a construction project cutting through the ISP's cable to the district. The current Mount Sinai operating budget includes this level of service and will continue to support this level of service.

- 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	2,200	220.00	1100	1500	Currently Met

**Smart Schools Investment Plan - Revised - Mount Sinai 201608 - Supplemental 1**School Connectivity

---

Page Last Modified: 03/03/2023

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

Mount Sinai's original Smart Schools Investment plan called for upgrading its wired and wireless network infrastructure. That project included upgrading the core switches in each of Mount Sinai's three buildings as well as upgrading its two firewalls. Additionally, it added or replaced a good number of wireless access points as well as the wireless controllers to support student, faculty and staff access to high-speed internet. Beginning in the 2021-22 school year, Mount Sinai rolled out its 1:1 program increasing the number of wireless devices on the network as well as requiring better wireless coverage throughout each of the district's three school buildings. Funds from this SSIP will supplement an e-rate project that will increase the wireless access point density to one per every classroom. As well, Mount Sinai will be introducing the next generation of wireless access points to meet future needs. In addition to purchasing more wireless access points, Mount Sinai will also look to upgrade most of its edge switches as well as to upgrade the existing 1gbps backbone to 10Gbps. The edge switches must be upgraded to support the power over ethernet plus (POE+) requirement for the new access points and other POE devices on the network. The district, as stated, will be leveraging both erate and smartbond monies to purchase the additional access points and switches. As well, any overage of either budgets will be covered from the districts operating budget.

**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.)**

The proposed projects directly link to the District's Technology Plan in that the resulting system will allow for the diverse network connectivity that will be required to support the educational programs. Specifically, our new 1:1 initiative Grades 1-12 will make use of the robust wireless system tied together with the wired system. Our K-12 classrooms each equipped with a Smartboard will make use of the network to bring educational resources to classroom instruction. Our wireless system and 1:1 program will allow students to have equal access to technology, high speed internet access and the abundant web based educational resources our district and its teachers use as well as digital textbooks.

In our strategic technology planning section of our ITP, Mt. Sinai addresses its goals of which technology and specifically to use technology resources to meet the highest level of student achievement. Our goal attainment, question 3, asks if the districts technology infrastructure supports learning and teaching. Our answer is significantly but with this project we can move that to fully as every classroom and learning space will have ample wireless coverage to support learning throughout our buildings.

Smart Schools Investment Plan - Revised - Mount Sinai 201608 - Supplemental 1

School Connectivity

Page Last Modified: 03/03/2023

- 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.**

Our current wireless system has allowed us to quantify our wireless performance and identify areas that need increased coverage. Utilizing the performance monitoring tools in our current system as well as wireless surveys and best practices for a 1:1 program, the district will look to install 1 wireless access point in every classroom K-12 as well as deploy higher density capable wireless access points in our larger spaces such as gymnasiums and cafeterias. Our current system has grown over the years and has steadily been improved to meet our educational programs. Access points have been added or moved to customize our system to our data users. The new system will incorporate the latest wireless technology and access points that will only increase the wireless systems capability to meet current 1:1 program demands and allow ample growth in demand for later years.

- 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
58-02-07-02-7-999-BA1

- 7. **Certain high-tech security and connectivity infrastructure projects may be eligible for an expedited review process as determined by the Office of Facilities Planning.**

**Was your project deemed eligible for streamlined review?**

Yes

- 7a. Districts that choose the Streamlined Review Process will be required to certify that they have reviewed all installations with their licensed architect or engineer of record and provide that person's name and license number. The licensed professional must review the products and proposed method of installation prior to implementation and review the work during and after completion in order to affirm that the work was code-compliant, if requested.

I certify that I have reviewed all installations with a licensed architect or engineer of record.

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

Name	License Number
Saverio J. Belfiore - H2M	33063

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

Smart Schools Investment Plan - Revised - Mount Sinai 201608 - Supplemental 1

School Connectivity

Page Last Modified: 03/03/2023

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

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

Select the allowable expenditure type. Repeat to add another item under each type.	<b>PUBLIC</b> Items to be purchased	Quantity	Cost per Item	Total Cost
Network/Access Costs	Wireless Access Points - Aruba 615	39	560.00	21,840.00
Network/Access Costs	Wireless Access Points - Aruba 635	11	775.00	8,525.00
Network/Access Costs	Mounting Brackets for Access Point Aruba 615	5	115.00	575.00
Network/Access Costs	Mounting Brackets for Access Point Aruba 635	1	241.00	241.00
Network/Access Costs	Aruba Licenses Bundle for Access Points	80	80.00	6,400.00
Network/Access Costs	Aruba Airwave License	80	25.00	2,000.00
Network/Access Costs	Aruba CX6200 48 port switch	5	5,400.00	27,000.00
Network/Access Costs	Aruba CX6200F 24 port switch	4	2,900.00	11,600.00
Connections/Components	10G Aruba Optics	40	600.00	24,000.00
Connections/Components	10G Cisco Optics	35	450.00	15,750.00
Professional Services	Wireless Survey and Wireless tuning	1	4,200.00	4,200.00
		<b>301</b>	<b>15,346.00</b>	<b>122,131</b>

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

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	2,387	0	2,387.00	0.00

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

Smart Schools Investment Plan - Revised - Mount Sinai 201608 - Supplemental 1

School Connectivity

Page Last Modified: 03/03/2023

	Public Allocations	Estimated Nonpublic Loan Amount	Estimated Total Sub-Allocations
<b>Totals:</b>	<b>0.00</b>	<b>0</b>	<b>0</b>

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

	Sub-Allocation
Network/Access Costs	78,181.00
Outside Plant Costs	(No Response)
School Internal Connections and Components	39,750.00
Professional Services	4,200.00
Testing	(No Response)
Other Upfront Costs	(No Response)
Other Costs	(No Response)
<b>Totals:</b>	<b>122,131.00</b>

14. School Connectivity Totals

	Total Sub-Allocations
Total Loanable Items	0.00
Total Non-loanable Items	122,131.00
<b>Totals:</b>	<b>122,131</b>



Smart Schools Investment Plan - Revised - Mount Sinai 201608 - Supplemental 1

Community Connectivity (Broadband and Wireless)

Page Last Modified: 03/03/2023

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

(No Response)

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

(No Response)

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

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

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

(No Response)

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

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

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

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

7. If you are submitting an allocation for Community Connectivity, complete this table.

Note that the calculated Total at the bottom of the table must equal the Total allocation for this category that you entered in the SSIP Overview overall budget.

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

**Smart Schools Investment Plan - Revised - Mount Sinai 201608 - Supplemental 1**

Community Connectivity (Broadband and Wireless)

---

Page Last Modified: 03/03/2023

	Sub-Allocation
<b>Totals:</b>	<b>0.00</b>

**Smart Schools Investment Plan - Revised - Mount Sinai 201608 - Supplemental 1**

Classroom Learning Technology

Page Last Modified: 06/22/2023

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.**

Mount Sinai currently have a student population of approximately 2,200 students. Mount Sinai has already put in equipment and capabilities to bring the connection to 1.1Gbps which far exceeds the speed standard for Mount Sinai. Mount Sinai has two ISP's one providing 1Gbps of bandwidth and the other 100Mbps. The two ISP's have the added benefit for allowing for load balancing and disaster avoidance. Our current 22-23 budget includes and our 23-24 budget will include the recurring communications costs that reflect this speed. Subsequent budgets will include at least this level of connection. The district is looking into upgrading the 100Mbps circuit to 300Mbps so that both circuits meet the FCC standard should one of the circuits fail.

- 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	2,200	220.00	1100	1500	Currently Met

**Smart Schools Investment Plan - Revised - Mount Sinai 201608 - Supplemental 1**

## Classroom Learning Technology

Page Last Modified: 06/22/2023

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.**

Our current wireless system has allowed us to quantify our wireless performance and identify areas that need increased coverage. Utilizing the performance monitoring tools in our current system as well as wireless surveys and best practices for a 1:1 program, the district will look to install 1 wireless access point in every classroom K-12 as well as deploy higher density capable wireless access points in our larger spaces such as gymnasiums and cafeterias. Our current system has grown over the years and has steadily been improved to meet our educational programs. Access points have been added or moved to customize our system to our data users. The new system will incorporate the latest wireless technology and access points that will only increase the wireless systems capability to meet current 1:1 program demands and allow ample growth in demand for later years.

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.**

For this supplemental plan, Mount Sinai is looking to utilize its remaining Smartschools balance in the classroom technology area. The district will purchase one Infento kit leveraging Smartbond money and pay the remaining balance of the Infento kits with operating budget. With our strengthening STEAM programs and offerings at Mount Sinai and consistent with our proposed 2022-2025 Instructional Technology Plan where we are increasing those offerings the Infento product helps to meet those goals. Infento has developed modular parts for students to create life-size vehicles and science builds. You can build a skateboard, recumbent bicycle, water rocket, fitness machine, electric motor- bike or electric kart. With one Infento Pro Kit, a maximum of eight students can be occupied. A group of four can build an electric vehicle or a Science Build together. Two groups of four can build a smaller vehicle at the same time, such as a skateboard or scooter. Of course it's also possible to work individually on an Infento project or with a smaller group. When using multiple Pro Kits you can have the entire class work with Infento, or divide the Kits over several grades. Students will learn about mechanics, realising a design plan, assembling, tools, braking systems, electric mobility and much more.

**Smart Schools Investment Plan - Revised - Mount Sinai 201608 - Supplemental 1**Classroom Learning Technology

---

Page Last Modified: 06/22/2023

6. **Describe how the proposed technology purchases will:**
- > **enhance differentiated instruction;**
  - > **expand student learning inside and outside the classroom;**
  - > **benefit students with disabilities and English language learners; and**
  - > **contribute to the reduction of other learning gaps that have been identified within the district.**

The expectation is that districts will place a priority on addressing the needs of students who struggle to succeed in a rigorous curriculum. Responses in this section should specifically address this concern and align with the district's Instructional Technology Plan (in particular Question 2 of E. Curriculum and Instruction: "Does the district's instructional technology plan address the needs of students with disabilities to ensure equitable access to instruction, materials and assessments?" and Question 3 of the same section: "Does the district's instructional technology plan address the provision of assistive technology specifically for students with disabilities to ensure access to and participation in the general curriculum?")

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

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

The purchase of this Infento Kit ([www.infento.com](http://www.infento.com)) with the remaining funds in our Classroom Learning Technology will specifically address the increase of the STEAM offerings in the Mt. Sinai School District. The infento kit allows the teachers to group students together and assign them projects based on their grade level, skill level, etc. The builds from the kit range from basic to advance to allow for differentiated instruction. The advanced students can leverage pre-designed instructions or they can utilize the knowledge they have acquired through building designs the manufacturer provides to design and build their own vehicle. These kits have been used in other districts where students built an electric cart with sensors for a blind student, another example is students designing and building a wheelchair for a physically handicapped student.

The instructions for the pre-designed builds are all pictures and graphics rather than worded instructions - similar to how Lego instructions are - so that eliminates the language gap between English speaking students and ELL students. As well, because actual vehicles can be built with these kits, this allows the students to utilize the final builds outside of the classroom to test their vehicles and science builds.

These Infento kits can be used and reused over and over. The parts are modular and come in cases where the various components are neatly stored and identified. This helps teach students organization and "putting things back where you found them". Similar to building a Lego set and following similar looking directions, students can build any number of pre designed builds at increasing difficulty levels, disassemble them and build another design. This allows teachers to use these kits throughout the year with different classes. The Infento kits are comprised of a few compartments stacked on top of each other - similar to going to a hardware store and looking through drawers of bolts, washers, screws, etc. The directions specify in which compartment the needed part is in. When students are done with their build they disassemble the build and return the parts neatly back into the storage compartments allowing the next class to utilize the kits to build designs.

Smart Schools Investment Plan - Revised - Mount Sinai 201608 - Supplemental 1

Classroom Learning Technology

Page Last Modified: 06/22/2023

- 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.**

For the remaining balance of our Smartschools funds, the Mt. Sinai School District has decided to help support it's STEAM offerings. In this way, ongoing communications and distance learning are not areas of focus with this product.

- 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.**

In alignment with our Instructional Technology and Professional development plans, the district will provide professional development by bringing in both the manufacturer and their resale partner, PC University, to train our technology teachers in the high school and middle school on how to use these kits with the students and incorporate them into their curriculum. These training sessions or professional development sessions will be done during the district's Superintendent conference days. In addition to the onsite training, the manufacturer has prerecorded videos that the technology teachers can watch on demand.

- 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 Oneonta

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

607-436-2007

- 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.**

Mark Davies

Smart Schools Investment Plan - Revised - Mount Sinai 201608 - Supplemental 1

Classroom Learning Technology

Page Last Modified: 06/22/2023

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
Other Costs	Infento Kit - new purchase utilizing the remaining \$2101.20 from original purchases	1	2,101.20	2,101.20
		1	2,101.20	2,101

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

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	2,387	0	2,387.00	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	(No Response)	0.00	0.00
Computer Servers	(No Response)	0.00	0.00
Desktop Computers	(No Response)	0.00	0.00
Laptop Computers	(No Response)	0.00	0.00
Tablet Computers	(No Response)	0.00	0.00
Other Costs	2,101.20	0.00	2,101.20
<b>Totals:</b>	<b>2,101.20</b>	<b>0</b>	<b>2,101</b>

**Smart Schools Investment Plan - Revised - Mount Sinai 201608 - Supplemental 1**

Classroom Learning Technology

---

Page Last Modified: 06/22/2023



Smart Schools Investment Plan - Revised - Mount Sinai 201608 - Supplemental 1

Pre-Kindergarten Classrooms

Page Last Modified: 03/03/2023

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	

Smart Schools Investment Plan - Revised - Mount Sinai 201608 - Supplemental 1

Pre-Kindergarten Classrooms

---

Page Last Modified: 03/03/2023

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

Smart Schools Investment Plan - Revised - Mount Sinai 201608 - Supplemental 1

Replace Transportable Classrooms

Page Last Modified: 03/03/2023

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

(No Response)

- 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)

- 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)

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

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

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

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

Smart Schools Investment Plan - Revised - Mount Sinai 201608 - Supplemental 1

High-Tech Security Features

Page Last Modified: 03/02/2023

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

In our previously approved SSIP Mount Sinai upgraded its video surveillance system as well as added additional security cameras and replaced some failed cameras. This district intends to purchase a new camera and license and pay any overages out of the district's operating budget. This new camera will be in the same model family as was purchased with the original SSIP and be compatible with our Avigilon video surveillance system.

- 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
58-02-07-02-7-999-005

- Was your project deemed eligible for streamlined Review?**

- Yes
- No

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

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

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

Name	License Number
Saverio J. Belfiore - H2M	33063

- 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
Electronic Security System	Avigilon Security Camera - Adding this and covering remaining balance with operating budget	1	232.00	232.00
		<b>1</b>	<b>232.00</b>	<b>232</b>

Smart Schools Investment Plan - Revised - Mount Sinai 201608 - Supplemental 1

High-Tech Security Features

---

Page Last Modified: 03/02/2023

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	232.00
Entry Control System	(No Response)
Approved Door Hardening Project	(No Response)
Other Costs	(No Response)
<b>Totals:</b>	<b>232.00</b>