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Institution ID

800000052251

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

Melissa Bergler

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

716-926-2211

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

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

☑ Parents
☑ Teachers
☑ Students
☑ Community members

4a. If your district contains non-public schools, have you provided a timely opportunity for consultation with these stakeholders?

☐ Yes
☐ No
☑ N/A

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5. Certify that the following required steps have taken place by checking the boxes below: Each box must be checked prior to submitting your Smart Schools Investment Plan.

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

5a. 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.

Round 2 Smart Schools Slides.pdf
Round 2 Security.pdf

5b. Enter the webpage address where the final Smart Schools Investment Plan is posted. The Plan should remain posted for the life of the included projects.

http://www.lakeshorecsd.org/Page/7225

6. 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.

2,348

7. 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.

8. 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)

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

(No Response)

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

$2,715,167

11. Enter the budget sub-allocations by category that you are submitting for approval at this time. If you are not budgeting SSBA funds for a category, please enter 0 (zero.) If the value entered is $0, you will not be required to complete that survey question.

	Sub-Allocations
School Connectivity	155,541

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	Sub-Allocations
Connectivity Projects for Communities	0
Classroom Technology	681,912
Pre-Kindergarten Classrooms	0
Replace Transportable Classrooms	0
High-Tech Security Features	538,121
Totals:	**1,375,574**

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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.

Our available network broadband width is purchased from WNYRIC/Erie is as follows:

	Minimum Capacity (Expressed in Gb)	Maximum Capacity (Expressed in Gb)
Network Bandwidth: Incoming connection TO district schools (WAN)	1GB	1GB
Network Bandwidth: Connections BETWEEN school buildings (LAN)	1GB	10GB
Bandwidth: Connections WITHIN school buildings (LAN)	1GB	10GB

The total contracted internet access bandwidth for our district is 1GB/1GB.

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)

	Number of Students	Multiply by 100 Kbps	Divide by 1000 to Convert to Required Speed in Mb	Current Speed in Mb	Expected Speed to be Attained Within 12 Months	Expected Date When Required Speed Will be Met
Calculated Speed	2,348	234,800	234.8	425	now	now

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

- **Network Closets - Temperature, Humidity, and Power Improvements -** District network rooms will be upgraded to universal power supply backup to keep the district information systems operational in the event of a brownout or power outage. In addition, some rooms will receive updated temperature and humidity control to protect central server operations.

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4. Describe the linkage between the district's District Instructional Technology Plan and the proposed projects. (There should be a link between your response to this question and your response to Question 1 in Part E. Curriculum and Instruction "What are the district's plans to use digital connectivity and technology to improve teaching and learning?)

The district plans to use digital connectivity and technology to improve teaching and learning for all students. With the addition of a technology integrator and a laser-like focus in getting technology in the hands of kids, we are increasing our professional development planning to ensure that technology is thoughtfully integrated into teaching and learning. We envision an increase in online learning, credit recovery, differentiated instruction, game-based learning, web 2.0 tools, and teacher leadership in helping to drive the planning process. Our active technology committee consists of 23 teachers/administrators who have met 5 times this year to continue to build vision and discuss ways to roll out technology tools. Our budget was designed to increase hardware for students and establish a replacement cycle. Our plan will sustain student learning with support for teachers through after school classes, in-house and regional workshops and state/national conferences. Our aim is to align the tools to instruction and to observe an elevation in the level of rigor.
There will also be an increased ability to collect data to drive instruction. We expect to see an increase in the use of IXL and Star Literacy/Reading/Math to track learning points throughout the year. Other tools such as Educlastic, NearPod and Kahoot will allow us to get immediate formative assessment to drive teaching and learning.
We envision increasing our web 2.0 presence. Our technology committee will work collaboratively to increase the use of social media and connect students to allow them to create and collaborate and share globally.
Our project consists of a server room temperature control system to prevent any outages of network services to staff and student due to heat issues.

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.

A technology audit by Cisco Engineers as part of a capital project from 2016 has tested wireless connectivity in all educational spaces as well as outdoor sports fields. The results of this testing show we have full wireless density in all classrooms, auditoriums, cafeterias, meeting spaces and sports areas.

6. As indicated on Page 5 of the guidance, the Office of Facilities Planning will have to conduct a preliminary review of all capital projects, including connectivity projects.
Please indicate on a separate row each project number given to you by the Office of Facilities Planning.

Project Number
14-14-01-06-7-999-001

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

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

Name	License Number
Young + Wright Architecture	29492

9. If you are submitting an allocation for School 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.

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	Sub-Allocation
Network/Access Costs	80,516
Outside Plant Costs	(No Response)
School Internal Connections and Components	75,025
Professional Services	(No Response)
Testing	(No Response)
Other Upfront Costs	(No Response)
Other Costs	(No Response)
Totals:	**155,541**

10. Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category. This is especially important for any expenditures listed under the "Other" category. All expenditures must be eligible for tax-exempt financing to be reimbursed through the SSBA. Sufficient detail must be provided so that we can verify this is the case. If you have any questions, please contact us directly through smartschools@nysed.gov.
NOTE: Wireless Access Points should be included in this category, not under Classroom Educational Technology, except those that will be loaned/purchased for nonpublic schools.
Add rows under each sub-category for additional items, as needed.

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
Network/Access Costs	APC inRow Airflow Cooling System	2	8,667	17,334
Network/Access Costs	APC Leak Sensor	2	242	484
Network/Access Costs	APC Condenser	2	2,284	4,568
Network/Access Costs	APC Flooded Receiver	2	1,209	2,418
Network/Access Costs	APC Isolation Valves	2	74	148
Network/Access Costs	APC Smart-UPS 2200VA	1	982	982
Network/Access Costs	APC Smart-UPS 1500VA	3	350	1,050
Network/Access Costs	APC Smart-UPS 6000VA	4	4,268	17,072
Network/Access Costs	APC Smart-UPS 5000VA	10	3,646	36,460
Connections/Components	APC Mechanical and Electrical Installation	1	75,025	75,025

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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.

Our available network broadband width is purchased from WNYRIC/Erie is as follows:

	Minimum Capacity (Expressed in Gb)	Maximum Capacity (Expressed in Gb)
Network Bandwidth: Incoming connection TO district schools (WAN)	1GB	1GB
Network Bandwidth: Connections BETWEEN school buildings (LAN)	1GB	10GB
Bandwidth: Connections WITHIN school buildings (LAN)	1GB	10GB

The total contracted internet access bandwidth for our district is 1GB/1GB.

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)

	Number of Students	Multiply by 100 Kbps	Divide by 1000 to Convert to Required Speed in Mb	Current Speed in Mb	Expected Speed to be Attained Within 12 Months	Expected Date When Required Speed Will be Met
Calculated Speed	2,348	234,800	234.8	425	Now	Now

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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.

We have the following wireless protocols available in the district:
802.11a
802.11b
802.11g

We have wireless access points in use in the district that covers 100% of our instructional space. We have a wireless controller and our port speed of switches that are less than five years old is 1GB.

Our available network broadband width is purchased from WNYRIC/Erie is as follows:

	Minimum Capacity (Expressed in Gb)	Maximum Capacity (Expressed in Gb)
Network Bandwidth: Incoming connection TO district schools (WAN)	1GB	1GB
Network Bandwidth: Connections BETWEEN school buildings (LAN)	1GB	10GB
Bandwidth: Connections WITHIN school buildings (LAN)	1GB	10GB

The total contracted internet access bandwidth for our district is 1GB/1GB.

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.

We intend to purchase the following machines which are compatible with our existing platforms and systems:
iPads
Chromebooks
Chromebook Carts
Desktop Computers
zSpace STEM Laptops
Google Expeditions Virtual Reality Classroom Set
District confirms we will be able to provide adequate electrical supply.

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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?"

With the abundance the hardware tools available, teachers are now able to access more resources to help them address the diverse needs of their students. Technology also allows them to attend to these needs in numerous ways, through learning activities, content input, and opportunities to demonstrate understanding. With our recent implementation of Google for Education, all staff and students can easily create online centers for learning, areas to submit projects and allow both students and staff to pace themselves appropriately for each student's learning level, promoting academic growth and enhancing student motivation.

Online work allows students the privacy to work at their own pace and provides them areas to collaborate and communicate online. Because each student has his or her own Google account, this allows students to stay organized and prepared by having tools to create work and store work by class. Online tools also allows for students to create and prepare work that aligns with their learning styles with the ability to create graphs, charts, visual and auditory displays of learning very easily. Often online work is more authentic and allows students more choice in how to demonstrate their learning. These tools will allow our teachers to differentiate in many ways for our students.

With the access of computers, teachers become more apt to use the open educational resources that are freely available via the Internet. Ranging from digital textbooks, online libraries, podcasts, instructional games, online videos that show places around the world, how-to instructions and quality learning experiences, our classrooms grow beyond the four walls.

The district's technology plan addresses the needs of students with disabilities and English Language Learners to ensure equitable access to curriculum, instruction, materials, and assessments. With the support and techniques that we provide, students with a learning disability and English Language Learners at Lake Shore Central School District are able to compensate for difficulties that they may have in learning the curriculum. We strive to help them grow as independent learners and provide them with assistive technologies that are include both the simple and the complex to expand their learning opportunities and promote a more positive classroom environment.

Student IEP's address assistive technology and adaptation to materials to allow for full access to instruction. When in classrooms, students with disabilities have access to enlarged print materials, zoom text and visual acuity devices, hearing devices, speech dictation and word prediction software, enlarged letter and braille keyboards, tablets, laptops with software that align with IEP needs. In addition, all classrooms have data projection systems to enlarge materials and resources and all special education classrooms have interactive white boards. Our district is aggressive in keeping students in our district (versus sending them to an outside program) and we are aggressive in providing all that a student needs for full access to classroom instruction in the general education classroom.

The technology that is provided can help motivate the learners and engage them in learning no matter the skills. Our budget and technology plan both fully support student IEP needs and classroom teachers ensure equitable access for all learners.

This year we have 0 ESL students, but when in place, our ESL teachers and support staff attend numerous workshops to learn of materials and technology that supports both teaching and learning ESL students.

Recommendations are made each year from staff input on what works best in the classroom and what new technologies will augment existing curriculum for all learners.

Lake Shore has been aggressive in raising their graduation rate with an August 2016 graduation rate of 94%. We believe that the professional development plan in place and with the increase of technology tools in our district, our graduation rate will grow as students are provided with instruction of high interest and that meets their learning needs and styles.

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7. Where appropriate, describe how the proposed technology purchases will enhance ongoing communication with parents and other stakeholders and help the district facilitate technology-based regional partnerships, including distance learning and other efforts.

Teachers will be able to provide parents and other stakeholders immediate and current feedback that impacts student learning and achievement. Students will have opportunity to expand their learning opportunities by carefully facilitated learning activities that will allow them to use 21st century skills to expand their work and improve communication skills.

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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."

Through after school/summer/school day PD (via face-to-face/online/and other viable options), superintendent's conference days and push-in PD with the technology integrator, Lake Shore Central School will employ BOCES, consultants, and teacher leaders to improve and enhance teaching and learning with technology:

Technology Tool /Topic	Purpose	Teachers
Augmented Reality in the Classroom	Student projects that allow for increase in family engagement and using technology in innovative ways	K-5
Breakout EDU	Immersive learning games	K-12
Chromebooks	Maximizing Apps and Extensions	K-12
Coding in the Classroom	programming skills and computer science concepts that ensure educator and student technological literacy	K-12
Copyright and Digital Citizenship	Updates and curriculum	K-12
CueThink in the classroom	Problem solving	K-12 math
Edmodo/Schoology	online courses and paperless classroom-technology as a tool to design learning opportunities and use technology with the curriculum	K-12
e-Doctrina	Online assessment, formative assessment, data-driven tool	K-12
EverFi	Future Goals/Ignition program - (6-8 Digital Citizenship) ensuring the legal and ethical uses of technology; Financial Literacy, Radius Coding, STEM Scholars, Commons Civics) - multimedia/game based learning.	K-12
FitnessGram	Data to drive instruction	PE
Genius Hour/20% time	Amplifying student choice and voice	K-8
GoNoodle	Brain Breaks for the Classroom – using technology in innovative ways	K-5
Google Apps for Education and Google Classroom	Comprehensive suite of Google Applications from basics to Google Tour Builder and Cultural Institute aimed at improving instruction, collaboration and student achievement; Book studies	K-12
Google Expeditions	Virtual field trips	K-12

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Hstry - Digital Timelines	For student projects using technology in innovate ways	K-12
Hyperdocs	Differentiated instruction, blended learning	K-12
Infographics	Summarize learning creatively	K-12
Intel Education	PLN	K-12
IXL Math	To ensure the effectiveness of instruction and to monitor student learning	K-12 math
Makerspace/coding clubs - Cubelets, Makey Makey, Little Bits, Dash & Dot, Project Ignite	Innovative projects, 3D Modeling, digital electronics, and coding	K-12
Microsoft Sway, Office Mix 2016, Windows 10	Multimedia products with audio, video, and full interactivity	K-12
Minecraft EDU	Student creation and creativity	K-12
Mystery Skype, Google Hangout	Connect classrooms globally	K-12
Online Learning using GradPoint	Differentiating instruction, diverse learning	6-12 Core
Nearpod, Socrative, Plickers, Google Forms/Kahoot	Formative Assessment – Data-driven instruction	K-12
Ocean180.org Video Project Competition	Authentic research and scientists virtually	6-8
Padlet	Backchanneling, resource curation – using technology to communicate and collaborate	K-12
Podcasts in the classroom	Using technology in innovative ways to assess learning, deliver learning and monitor learning	K-12
Read and Write TextHelp	Assistive Technology	K-12
Student Portfolios	Authentic work published to a greater audience	K-12
Twitter for Teachers	Connected Educators	K-12
Video blogs	Increase in parent and family communication and engagement	K-12

In summary, there will be more technology hardware, software and tools available over the next three years. This will increase our ability to improve our teaching and learning for the 21st century learner by immersing them in web 2.0 tools, better monitoring of their learning through immediate online feedback through assessment tools, and allowing us to diversify our learning based on learning styles and interests of our students.
We have one full time equivalent (FTE) Technology Integrator for 2016-17.

9. Districts must contact the SUNY/CUNY teacher preparation program 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.

Buffalo State

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9b. Enter the primary Institution phone number.

716 861-5057

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.

Chris T. Shively, Ph.D.

10. A district whose Smart Schools Investment Plan proposes the purchase of technology devices and other hardware must account for nonpublic schools in the district.

Are there nonpublic schools within your school district?

- ☐ Yes
- ☑ No

11. Nonpublic Classroom Technology Loan Calculator

The Smart Schools Bond Act provides that any Classroom Learning Technology purchases made using Smart Schools funds shall be lent, upon request, to nonpublic schools in the district. However, no school district shall be required to loan technology in amounts greater than the total obtained and spent on technology pursuant to the Smart Schools Bond Act and the value of such loan may not exceed the total of $250 multiplied by the nonpublic school enrollment in the base year at the time of enactment.

See:

http://www.p12.nysed.gov/mgtserv/smart_schools/docs/Smart_Schools_Bond_Act_Guidance_04.27.15_Final.pdf.

	1. Classroom Technology Sub-allocation	2. Public Enrollment (2014-15)	3. Nonpublic Enrollment (2014-15)	4. Sum of Public and Nonpublic Enrollment	5. Total Per Pupil Sub-allocation	6. Total Nonpublic Loan Amount
Calculated Nonpublic Loan Amount	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)

12. 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.

13. 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.

14. If you are submitting an allocation for Classroom Learning Technology 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
Interactive Whiteboards	(No Response)
Computer Servers	(No Response)

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	Sub-Allocation
Desktop Computers	247,800
Laptop Computers	272,235
Tablet Computers	104,400
Other Costs	57,477
Totals:	**681,912**

15. Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category. This is especially important for any expenditures listed under the "Other" category. All expenditures must be capital-bond eligible to be reimbursed through the SSBA. If you have any questions, please contact us directly through smartschools@nysed.gov.
Please specify in the "Item to be Purchased" field which specific expenditures and items are planned to meet the district's nonpublic loan requirement, if applicable.
NOTE: Wireless Access Points that will be loaned/purchased for nonpublic schools should ONLY be included in this category, not under School Connectivity, where public school districts would list them.
Add rows under each sub-category for additional items, as needed.

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be Purchased	Quantity	Cost per Item	Total Cost
Desktop Computers	Dell OptiPlex	350	708	247,800
Laptop Computers	Dell Chromebook 11	717	215	154,155
Tablet Computers	iPad 2018 32 GB	290	360	104,400
Other Costs	Dell Chromebook carts	22	1,500	33,000
Laptop Computers	zSpace Laptop	72	1,640	118,080
Other Costs	Google Expeditions Virtual Reality Set	1	9,999	9,999
Other Costs	zSpace Laptop Cart	2	3,489	6,978
Other Costs	zSpace set-up and training	1	7,500	7,500

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

The district intends to use SSBA funds to increase student safety and is aligned with our District Safety Plan.

- **Window Film** - This will provide classrooms with reduced glare, will conserve energy by reducing direct light as well as provide a shatterproof surface protecting students and staff in the event of glass breakage. Based upon research from the technology committee on effective learning spaces, consideration to classroom lighting as well as classroom temperatures will create a more conducive physical learning space. Each classroom currently has a data projector used in instruction. This window film will help reduce glare and offer improved visibility of projected content.
- **Card Readers/Key Swipes for all school gymnasiums** - Teachers and staff with proper ID will gain key card access above and beyond the current key swipe locations. This will provide a closer means of entrance for students and staff on playgrounds and athletic fields in the event of an emergency. This aligns with our District plan for student staff/safety.
- **Interior/Exterior Cameras for all locations** - The district will expand the current camera system to provide interior and exterior cameras for increased coverage of high traffic spaces. This will include hallways, cafeterias, auditoriums, gymnasiums, athletic fields, and driveways for K-5 buildings, Middle School, Senior High School and W.T. Hoag Education Center. This aligns with our District plan for staff/student safety.

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
14-14-01-06-7-999-001
14-14-01-06-7-999-BA1

3. Was your project deemed eligible for streamlined Review?

- ☑ Yes
- ☐ No

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

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

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

Name	License Number
Young & Wright Architecture	29492

5. If you have made an allocation for High-Tech Security Features, 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
Capital-Intensive Security Project (Standard Review)	(No Response)
Electronic Security System	228,196
Entry Control System	9,925
Approved Door Hardening Project	

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	Sub-Allocation
	300,000
Other Costs	(No Response)
Totals:	**538,121**

6. Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category. This is especially important for any expenditures listed under the "Other" category. All expenditures must be capital-bond eligible to be reimbursed through the SSBA. If you have any questions, please contact us directly through smartschools@nysed.gov.
Add rows under each sub-category for additional items, as needed.

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	Pelco IME119 cameras	95.00	885	84,075
Electronic Security System	Pelco IME 219 cameras	16.00	1,065	17,040
Electronic Security System	Pelco IME 319 cameras	4.00	1,214	4,856
Electronic Security System	Pelco EVO-12NJD camera	1.00	1,274	1,274
Electronic Security System	Pelco IMM 12027 cameras	4.00	1,575	6,300
Electronic Security System	Pelco IME 3122 camera	1.00	1,403	1,403
Electronic Security System	Pelco licensing	121.00	118	14,278
Electronic Security System	Pelco WMVE-SR brackets	8.00	46	368
Electronic Security System	Comnet CNGE1IPS POE Injectors	4.00	150	600
Electronic Security System	Comnet CNFE4SMS POE Switch	2.00	850	1,700
Electronic Security System	NEMA Outdoor Enclosure	2.00	466	932
Electronic Security System	Comnet NWK1/M Wireless link	2.00	1,323	2,646
Electronic Security System	U & S Hourly Labor	270.00	120	32,400
Entry Control System	Fire Safety System Micro Node Door Reader	5.00	1,875	9,375
Entry Control System	Fire Safety Systems Required Software	5.00	110	550
Approved Door Hardening Project	Window Film (will need to bid) based on estimates)	1.00	300,000	300,000
Electronic Security System	HP 380/385 SFF Cage Kit	6.00	274	1,644
Electronic Security System	HP Smart Array P420	6.00	580	3,480
Electronic Security System	H575P 1.8 TB SAS Hard Drives	96.00	575	55,200