HARRISON CSD

Smart Schools Investment Plan - Harrison-1

SSIP Overview

Page Last Modified: 09/09/2016

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

Brian Seligman

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

914-630-3389

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

seligmanb@harrisoncsd.org

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

First submission

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

☑ District Educational Technology Plan Submitted to SED and Approved

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

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.

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SSIP Overview

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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.

SmartSchoolsInvestmentPlan5(3).pdf

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.

4,500

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:

$430,913

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	250,000
Connectivity Projects for Communities	0
Classroom Technology	180,913
Pre-Kindergarten Classrooms	0
Replace Transportable Classrooms	0
High-Tech Security Features	0
Totals:	**430,913**

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1. In order for students and faculty to receive the maximum benefit from the technology made available under the Smart Schools Bond Act, their school buildings must possess sufficient connectivity infrastructure to ensure that devices can be used during the school day. Smart Schools Investment Plans must demonstrate that:

- **sufficient infrastructure that meets the Federal Communications Commission's 100 Mbps per 1,000 students standard currently exists in the buildings where new devices will be deployed, or**
- **is a planned use of a portion of Smart Schools Bond Act funds, or**
- **is under development through another funding source.**

Smart Schools Bond Act funds used for technology infrastructure or classroom technology investments must increase the number of school buildings that meet or exceed the minimum speed standard of 100 Mbps per 1,000 students and staff within 12 months. This standard may be met on either a contracted 24/7 firm service or a "burstable" capability. If the standard is met under the burstable criteria, it must be:

1. Specifically codified in a service contract with a provider, and

2. Guaranteed to be available to all students and devices as needed, particularly during periods of high demand, such as computer-based testing (CBT) periods.

Please describe how your district already meets or is planning to meet this standard within 12 months of plan submission.

The district exceeds the minimum requirement. As of September 1, 2016 the district has contracted for 1 Gbps internet speed in all 6 buildings through Cablevision's Lightpath. With a total district student population of 3,500, it was the district's goal to increase the existing bandwidth to 1 Gbps by September 1, 2016 in order to meet our effective use of instructional technology. This has been accomplished.
On an average day, we currently have 2,400 students and faculty utilizing the internet. 300 Mbps is the minimum internet speed to successfully connect those 2,400 devices. With 1 Gbps internet bandwidth, we have surpassed the minimum recommended bandwidth. With the daily use by students and teachers of tools such as Google Apps for Education, YouTube, databases for research, and many others, increasing our internet and wireless technology is paramount to advancing the effective use of technology to improve student learning. We have all hardware in place to be connected at the higher speeds. All access points, controllers, and wiring has been checked and complies with the minimum standards necessary to utilize 1 Gb internet.

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	3,500	350,000	350	1000	1000	currently met

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

Over the past 5 years, the district has prepared our infrastructure for the necessary upgrades that will ensure maximum benefit from all existing and future technologies. Changes have been made to all major parts of our infrastructure including the upgrading of servers and wiring across the district. However, in order to maximize the effectiveness of existing and future technology, additional work must take place. This includes: Upgrading all wiring (Cat V and Fiber Optic) within buildings, as well as between buildings; and Replacing outdated equipment including access points, servers and wiring switches.

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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 Technology Plan creates an environment in which teachers and staff will continue to utilize digital tools to improve teaching and learning. The Harrison
Central School District has several technology initiatives in place. The district has a commitment to equity and access for all. To this end, the district has
implemented BYOD (Bring Your Own Device) in our middle school and high school. This initiative will expand district wide within 2 years. Teachers are
encouraged to use digital tools such as tablets and laptops to facilitate student collaboration, communication, creativity, and curation. Providing all students with access to Google Apps for Education platform supports these objectives. The district also employs the most effective research based software to deliver instruction and assess student growth. This effort is supported through ongoing professional development, curriculum revision and classroom based technological support for all teachers, administrators and students. Strategies to achieve goals of the Instructional Technology Plan : Ï Expand faculty, student and staff remote access to include application level access to promote complete ‘workathome’ access, making tools for teaching
and learning available 24/7. This includes the districtwide rollout of Google Apps for Education for all students grades 3 12 and all teachers and administrators; Maintain state of the art SmartBoard technology by planning for anticipated life cycle and replacement; Provide for additional Smartboard installations in all newly created learning spaces; Expand and upgrade wireless access districtwide; Refine and enhance the current evaluation of network usage and demands; Continue the exploration and evaluation of emerging technologies that offer costeffective, ubiquitous access in learning environments; Continue the ongoing review and revision of procedures for the evaluation, selection and procurement of curriculum specific software and hardware; Provide ongoing professional training for all administrators and teachers to enhance fluency.

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.

Prior to July, 2014, the Harrison Central School District operated its wireless network on one Cisco Wireless controller and 100 Wireless N access points
across 6 school buildings. Our internet bandwidth at that time was 50 Mbps. In July, 2014 we began upgrading our infrastructure and our bandwidth. This
included purchasing a new Cisco Wireless controller and 40 additional new Wireless AC access points. We also upgraded our internet bandwidth to 100
Mbps. In September, 2015 we began an implementation of BYOD for grades 69. The additional 1200 daily internet users required additional access points across the 2 schools (LMK Middle School and Harrison High School) as well as increase our bandwidth to 300 Mbps.
Moving into 2016 and beyond, even more students will be using the internet on a daily basis as our BYOD initiative will branch into grades 1012
and full implementation K12 by 20162017. The additional daily internet users will require that we continue to increase bandwidth, as well as increase the WiFi coverage within all 6 school buildings. In addition to increasing our bandwidth, we will replace all outdated Access Points to the newest AC wireless standard. This will allow for better connectivity for all students and faculty.

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
66-05-01-06-7-999-BA1

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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 Belfiore, AIA	33063

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.

	Sub-Allocation
Network/Access Costs	237,380
Outside Plant Costs	920
School Internal Connections and Components	11,700
Professional Services	0
Testing	0
Other Upfront Costs	0
Other Costs	0
Totals:	**250,000**

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.

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Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
Network/Access Costs	Access Points (Cisco-Meraki M34)	136	910	123,760
Outside Plant Costs	Access Point Antennae (Outdoor)	10	92	920
Network/Access Costs	Switches (Cisco-Meraki MS3XX)	19	5,980	113,620
Connections/Components	Switch Modules (SFP+)	18	650	11,700

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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. 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**

7. 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.

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

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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.
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2. Connectivity Speed Calculator (Required)

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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.

Prior to July, 2014, the Harrison Central School District operated its wireless network on one Cisco Wireless controller and 100 Wireless N access points across 6 school buildings. Our internet bandwidth at that time was 50 Mbps. In July, 2014 we began upgrading our infrastructure and our bandwidth. This included purchasing a new Cisco Wireless controller and 40 additional new Wireless AC access points. We also upgraded our internet bandwidth to 100 Mbps. In September, 2015 we began an implementation of BYOD for grades 69. The additional 1200 daily internet users required additional access points across the 2 schools (LMK Middle School and Harrison High School) as well as increase our bandwidth to 300 Mbps.

Moving into 2016 and beyond, even more students will be using the internet on a daily basis as our BYOD initiative will branch into grades 1012 and full implementation K12 by 20162017. The additional daily internet users will require that we continue to increase bandwidth, as well as increase the WiFi coverage within all 6 school buildings. In addition to increasing our bandwidth, we will replace all outdated Access Points to the newest AC wireless standard. This will allow for better connectivity for all students and faculty.

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.

Classroom technology that will be purchased through SSBA funds will include Chromebooks, iPads, and SmartBoards. Chromebooks are necessary for the BYOD initiative in grades 612. The district will purchase devices for families who are unable to provide a device in the Bring Your Own Device initiative. Devices will be available in each school library for short term and long term loaning. The availability of devices is essential to allow students who have temporary issues (devices needing repairs, forgotten devices, uncharged devices) to maintain continuity of instruction.

When BYOD is implemented in our elementary schools, chromebooks will replace outdated laptops. Since the Harrison Central Schools is now a Google Apps for Education School, purchasing chromebooks is compatible with this initiative. iPads are currently in place in all Kindergarten and Grade 1 classrooms. Each class has a set of 5 iPads that are used in Literacy and Math centers. Teachers adapt lessons by differentiating content using several effective iPad applications. Additional iPads will be purchased with SSBA funds to provide the same technology to grades 2 and 3. Smartboards are currently in all teaching and learning spaces across the district. We will use SSBA funds to add Smartboards in newly created learning spaces as well as replace outdated or non functioning existing smartboards.

Most of the new devices are portable devices such as ipads, chromebooks and laptops. These will use existing electrical supply, when necessary, for the charging of these devices. As for the additional smartboards, these are all replacements for outdated equipment. Electrical supply is already in place.

In addition, we are working with the state to perform a study on our internal systems. These systems include our electrical, cooling and heating systems.

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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?"

Harrison's core values include equity and access. Equitable access to digital tools and information is an essential goal of our instructional technology plan and the Smart Schools investment plan.. In addition to the devices provided to the general education population, special education students are provided additional instructional technology. Some of these supports include iPads, laptops, and additional assistive devices. Special education teachers receive professional development and support in the areas of assistive technology. We will work with consultants to ensure that we are adequately meeting the needs of all students in our district. The availability and access to technology will serve to enhance teachers' abilities to differentiate instruction and meet the needs of diverse students. This includes applications that serve as assistive technology for students with disabilities and our ELLs.

The use of Google Apps for Education in grades 3-12 will have a positive effect on expanding learning outside the traditional classroom, as well as outside the traditional school day. Engaging students in learning outside of the classroom will foster critical thinking and independent learning. Google Classroom allows teachers to provide realtime feedback to students. Formative assessments are more readily accessible for timely feedback and to inform instructional decisions. By utilizing Google Apps, teachers will be able to provide more support to students with disabilities and English Language learners. It will also expand the learning environment outside the traditional classroom by allowing teachers access to student work while it is in progress. In addition, teachers will utilize many free apps to enhance their teaching repertoire. Some of these apps include Doctopus (an interactive rubric for writing), Kahoot (a formative assessment tool), Google Forms (formative and summative assessments), Read/Write App (a tool that can Boost reading and writing confidence. Offer support for Google Docs/web to students with learning difficulties, dyslexia or ELL/ESL), Flubaroo (assists teachers in scoring assessments in a digital format), Zaption (Turn online videos into interactive learning experiences that engage learners and track progress), and many more.

There are many applications that serve students with disabilities and English Language Learners that will be utilized through the enhances integration of technology. For our students with disabilities, classrooms have been outfitted with interactive smartboards and SMART notbeook's suite of apps including SMART notebook, SMART amp, and others to enhance our teachers' abilities to meet the diverse learning needs of our students. For example, SMART amp allows students to follow along with a teacher's interactive SMART notebook presentation on their own device (ipad or chromebook), as well as allow students to interact in this digital learning space. (https://education.smarttech.com/en/products/smart-learning-suite) This solution is also effective for our English Language Learners.

Through professional development, teachers will refine their use of these technologies to meet the diverse needs of all students to enhance overall performance and reduce the achievement gap.

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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.

With the implementation of BYOD in our Middle School and High School, all students will be given Google Apps for Education accounts. This will require ongoing communication with parents with regard to its educational value and importance. In addition, teachers will be able to provide more real time feedback to students on their work in the Google environment. In collaboration with our PTAs, we will educate our parents on how we are using the technology and how they can monitor the work their children are completing.

Our district web page will also contain valuable resources and an FAQ that will answer their many questions.
http://www.harrisoncsd.org/index.php/byod-bring-your-own-device

8. Describe the district's plan to provide professional development to ensure that administrators, teachers and staff can employ the technology purchased to enhance instruction successfully.

Note: This response should be aligned and expanded upon in accordance with your district's response to Question 1 of F. Professional Development of your Instructional Technology Plan: "Please provide a summary of professional development offered to teachers and staff, for the time period covered by this plan, to support technology to enhance teaching and learning. Please include topics, audience and method of delivery within your summary."

The Harrison Central School district offers a wide array of professional development opportunities for teachers, staff and administrators. In addition to the courses offered through our local and regional BOCES, Harrison offers its own in-service courses. These include courses designed to teach how to utilize classroom instructional technology such as SMART notebook, SMARTboards, iPads and apps, Google Apps for Education, and many others. In addition, the Harrison Central School district offers monthly Professional Development opportunities for all teachers lead by our district directors. These monthly sessions often revolve around the use of instructional technology as they relate to the delivery of content. We are also encouraging our teachers to explore online digital learning such as Google certifications. These online tools prepare our teachers to utilize apps consistent with our implementation of Google Apps for Education. In addition, teachers are obligated by their negotiated contract to participate in 50 hours of Professional Development annually. Teachers also, on average, participate in over 125 hours of in-service sessions. We also have requirements for new teachers. In addition to what was listed above, all new teachers participate in an additional 60 hours of Professional Development.

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.

SUNY New Paltz

9b. Enter the primary Institution phone number.

845-257-7869

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

Dr. Michael S. Rosenberg, Dean

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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

10a. Describe your plan to loan purchased hardware to nonpublic schools within your district. The plan should use your district's nonpublic per-student loan amount calculated below, within the framework of the guidance. Please enter the date by which nonpublic schools must request classroom technology items. Also, specify in your response the devices that the nonpublic schools have requested, as well as in the in the Budget and the Expenditure Table at the end of the page.

Meetings will be held yearly with administrators from Keio Academy and School of the Holy Child in Harrison. Once they determine how they would like to spend their allocations, Harrison will produce a contract for the loaning of this equipment. We will purchase, inventory and distribute the equipment as needed by the two schools. Each year we will require the schools to certify their inventory, including any damages that have incurred. Non-public schools in the district have until August 1 each year to request equipment purchases.
We have reached out to these private schools and are waiting for their decisions on how to utilize their funds. Additional meetings are scheduled as needed throughout the year to ensure that all needs and deadlines are met.

10b. A final Smart Schools Investment Plan cannot be approved until school authorities have adopted regulations specifying the date by which requests from nonpublic schools for the purchase and loan of Smart Schools Bond Act classroom technology must be received by the district.

☑ By checking this box, you certify that you have such a plan and associated regulations in place that have been made public.

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	180,913	3,542	645	4,187	43	27,735

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.

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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	40,538
Computer Servers	0
Desktop Computers	0
Laptop Computers	50,250
Tablet Computers	62,390
Other Costs	27,735
Totals:	**180,913**

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
Interactive Whiteboards	SMART 77	8	2,533	20,269
Interactive Whiteboards	SMART 87	7	2,895	20,269
Laptop Computers	HP Chromebook 11 G4	150	335	50,250
Tablet Computers	Apple iPads	150	416	62,390
Other Costs	Non Public Schools Expenditures	(No Response)	(No Response)	27,735

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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 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. 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**

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.

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

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

(No Response)

2. All plans and specifications for the erection, repair, enlargement or remodeling of school buildings in any public school district in the State must be reviewed and approved by the Commissioner. Districts that plan capital projects using their Smart Schools Bond Act funds will undergo a Preliminary Review Process by the Office of Facilities Planning.

Please indicate on a separate row each project number given to you by the Office of Facilities Planning.

Project Number
(No Response)

3. For large projects that seek to blend Smart Schools Bond Act dollars with other funds, please note that Smart Schools Bond Act funds can be allocated on a pro rata basis depending on the number of new classrooms built that directly replace transportable classroom units.

If a district seeks to blend Smart Schools Bond Act dollars with other funds describe below what other funds are being used and what portion of the money will be Smart Schools Bond Act funds.

(No Response)

4. 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**

5. 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
(No Response)	(No Response)	(No Response)	(No Response)	(No Response)

HARRISON CSD

Smart Schools Investment Plan - Harrison-1

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.

(No Response)

2. All plans and specifications for the erection, repair, enlargement or remodeling of school buildings in any public school district in the State must be reviewed and approved by the Commissioner. Districts that plan capital projects using their Smart Schools Bond Act funds will undergo a Preliminary Review Process by the Office of Facilities Planning.
Please indicate on a separate row each project number given to you by the Office of Facilities Planning.

Project Number
(No Response)

3. 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. 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	(No Response)
Entry Control System	(No Response)
Approved Door Hardening Project	(No Response)
Other Costs	(No Response)
Totals:	**0**

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
(No Response)	(No Response)	(No Response)	(No Response)	(No Response)