

## Smart Schools Investment Plan - 11.8.16

## SSIP Overview

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## Group 1

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

Jon Peterson

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

518-661-8222

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

peterson.jon@mayfieldcsd.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 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.

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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.

SMART SCHOOLS COMMITTEE MEETING 3.29.16.ppt  
 Smart Schools Committee Meeting Minutes 3.29.16.ppt.docx  
 Smart Schools Cert Resolution.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.

www.mayfieldk12.com/news/news\_archives.cfm

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.

1,044

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:

\$840,880

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                   | 301,510         |
| Connectivity Projects for Communities | 0               |
| Classroom Technology                  | 209,020         |
| Pre-Kindergarten Classrooms           | 0               |
| Replace Transportable Classrooms      | 0               |
| High-Tech Security Features           | 330,350         |
| <b>Totals:</b>                        | <b>840,880</b>  |

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School Connectivity

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**Group 1**

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.

District is currently at 90 Mb/s with 966 students. District will upgrade to at least 100 Mb/s by Fall 2017.

- 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 | 966                | 96,600               | 96.6  | 90                  | 100  | 9.1.2017                                      |

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

The district will replace all existing switches and upgrade to 10 Gb switches. Additionally, a wireless access point will be added to rooms where they do not currently exist. Quantification was accomplished through a wireless site survey that was performed in conjunction with a capital project scope determination/pre-referendum planning.

**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 proposed project will provide students and staff with wireless internet connectivity building and district wide. Consequently, the district will implement a 1:1 chromebook device project beginning September 1, 2017 which will drive curriculum and instruction, engage our students in active and motivated learning, advance mastering 21st century skills and have us equipped for the near future's computer testing programs.

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- 5. **If the district wishes to have students and staff access the Internet from wireless devices within the school building, or in close proximity to it, it must first ensure that it has a robust Wi-Fi network in place that has sufficient bandwidth to meet user demand.**

**Please describe how you have quantified this demand and how you plan to meet this demand.**

The district will replace all existing switches and upgrade to 10 Gb switches. Additionally, a wireless access point will be added to rooms where they do not currently exist. Quantification was accomplished through a wireless site survey that was performed in conjuncture with a capital project scope determination/pre-referendum planning.

- 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        |
| 17-08-01-04-0-001-018 |
| 17-08-01-04-0-002-015 |

- 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 |
|---------------|----------------|
| Steven Theser | 33513          |

- 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                       | 211,960        |
| Outside Plant Costs                        | (No Response)  |
| School Internal Connections and Components | 84,575         |
| Professional Services                      | (No Response)  |
| Testing                                    | 4,975          |
| Other Upfront Costs                        | (No Response)  |
| Other Costs                                | (No Response)  |
| <b>Totals:</b>                             | <b>301,510</b> |

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## School Connectivity

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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](mailto: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.<br>Repeat to add another item under each type. | Item to be purchased            | Quantity | Cost per Item | Total Cost |
|---|---------------------------------|----------|---------------|------------|
| Connections/Components  | Category 6a network cable       | 199      | 425           | 84,575     |
| Testing   | Testing of network cable system | 199      | 25            | 4,975      |
| Network/Access Costs  | Wireless access point           | 111      | 1,100         | 122,100    |
| Network/Access Costs  | Wireless network controller     | 1        | 14,860        | 14,860     |
| Network/Access Costs  | Core network switches           | 10       | 7,500         | 75,000     |

**Smart Schools Investment Plan - 11.8.16**

Community Connectivity (Broadband and Wireless)

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**Group 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)

- 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)

- 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.

- Please describe the physical location of the proposed investment.**

(No Response)

- 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) |

- 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)  |
| <b>Totals:</b>              | <b>0</b>       |

- 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](mailto:smartschools@nysed.gov).**

Add rows under each sub-category for additional items, as needed.

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Community Connectivity (Broadband and Wireless)

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| Select the allowable expenditure type.<br>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) |

Smart Schools Investment Plan - 11.8.16

Classroom Learning Technology

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**Questions**

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.

District is currently at 90 Mb/s with 966 students. District will upgrade to at least 100 Mb/s by Fall 2017.

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 | 966                | 96,600               | 96.6  | 90                  | 100  | 9.1.2017                                      |

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.

The district will replace all existing switches and upgrade to 10 Gb switches. Additionally, a wireless access point will be added to rooms where they do not currently exist. Quantification was accomplished through a wireless site survey that was performed in conjunction with a capital project scope determination/pre-referendum planning.

4. All New York State public school districts are required to complete and submit an Instructional Technology Plan survey to the New York State Education Department in compliance with Section 753 of the Education Law and per Part 100.12 of the Commissioner’s Regulations.

Districts that include educational technology purchases as part of their Smart Schools Investment Plan must have a submitted and approved Instructional Technology Plan survey on file with the New York State Education Department.

By checking this box, you are certifying that the school district has an approved Instructional Technology Plan survey on file with the New York State Education Department.



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5. **Describe the devices you intend to purchase and their compatibility with existing or planned platforms or systems. Specifically address the adequacy of each facility's electrical, HVAC and other infrastructure necessary to install and support the operation of the planned technology.**

The district's Technology Committee has selected Dell Chromebook 11 as its device for 1:1 distribution to students and the Acer 11 Chromebook for teachers. The devices include Intel Celeron Dual Core Processors and have a reputation for reliability and durability. Existing electrical and HVAC is sufficient.

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## Classroom Learning Technology

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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?")

**Describe how the proposed technology purchases will:**

- > enhance differentiated instruction;

Using technology allows the teachers to embrace a Universal Design for Learning approach, giving all students the opportunities to learn at different rates. One of the major benefits of using technology in the classroom is the ability to differentiate instruction to meet unique learning differences.

Technology makes it possible to pace the lessons appropriately for each learner. Examples might include the verbal or linguistic learner where learning is through speaking, writing, reading, and listening tasks. In the classroom setting, technology tasks might include taking notes, researching, reading for information, and writing. Similarly a student learner with strengths in logical-mathematical reasoning would utilize technology to collect and sort data, conduct experiments, solve problems, etc.

Just as every student grows and develops at different rates, they learn in different ways and at different speeds. The technology purchases and the 1:1 Chrome Book initiative gives all student the opportunity to hone 21st-century technology skills while achieving the expected learning standards in all content areas.

Technology and differentiating instruction will:

- encourage educators to modify instruction to address diversity and to meet curricular objectives
- emphasize high levels of participation through flexible groupings and complement individualized instruction and class/group work
- promote a comfortable yet challenging learning environment
- allow for varying presentation of content which may affect students' motivation to learn
- possibly inspire and motivate reluctant learners
- encourage data driven decision making based on the pre-, ongoing, and post-assessments for the purpose of improving educational practices and student achievement

Examples of Assistive Technology, Apps, Software and Activities K-12 will include:

Text:Speech

E-Books

Dragon Dictation

Google Classroom

Google Docs

Google Docs/Lesson Plans

Google Sheet Add Ons

Dyslexia Quest

App Creator

Digital Storytelling

Evernote

Google Notebook for Visually Impaired Students (Screen Enlargement)

Google Apps w/SmartBoard

PDF Tools for Teachers

Digital Survey

**Smart Schools Investment Plan - 11.8.16**Classroom Learning Technology

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Mapmaking  
 Class DoJo  
 I-Ready (home and school)  
 Co-Writer  
 Used for Testing Accommodations  
 Gmail Use

**> benefit students with disabilities and English language learners; and**

Using technology provides students with disabilities and English language learners the ability to improve: language and literacy, incorporate various learning strategies, accommodate various learning styles, improve and increase attention to individual needs, increase independence, improve parent involvement in their child's education, improve on-the-go education where education continuous in the next academic class or setting (home), and it allows students who may not have access to rich resources the ability to access diverse learning materials.

**> contribute to the reduction of other learning gaps that have been identified within the district.**

Our technology initiatives will also contribute to:

- Improved student behavior
- Improve student/parent engagement, student attendance and parent participation
  
- Improved opportunities for educator professional development
- increased efficiency in classroom
- increased administrative tasks
  
- Improved communication among stakeholders, such as parents, teachers, students and administrators and outside community agencies
- Improved record keeping
- Access to local networks to communicate with, and more time teaching

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

The 1:1 student chromebook devices technology purchase will enhance ongoing communication with parents and families. The district's technology committee is in the process of determining what grade level of students we permit the devices to go home based on best practices. The committee will then meet with all students, parents/families on distribution day in order to deliver an orientation with topics to include responsibilities, internet security and safety, digital citizenship and insurance coverage.

Additionally, all district buildings will have 100% wi-fi which is uncommon for public buildings in our rural district. The district will coordinate plans for the future where parents/families and community members may access the internet after school hours in locations such as our library (there is no public library in the district), cafeteria and auditorium.

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## Classroom Learning Technology

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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."**

The key to implementing effective use of technology is the knowledge and skill of the instructional staff. Many staff members possess the requisite knowledge and skill, some learn on their own and others need instruction to make technology useful in their classes.

The demonstrated capacities of candidates to make effective use of educational technology as well as their willingness to expand existing skills and knowledge will be a consideration in the hiring of staff members.

Application of educational technology is a criterion in the contractual teacher evaluation.

The Professional Development Plan approved by the Mayfield Board of Education contains the following plans for expansion of educational technology:

1. Increase knowledge and skills of staff in use of educational technology & web-based resources to amplify and enhance regular instruction.
2. The district will participate in the Model School COSER from BOCES which will survey teachers to identify strengths and weaknesses and develop targeted PD to address areas of weakness.
3. Develop opportunities, formal and informal, for staff to learn from lighthouse teachers and others on an ongoing basis.
4. Identify "lighthouse" teachers by what they do now with tech & web.
5. The plan will be implemented by lighthouse teachers, computer coordinator, principals working with staff members.
6. YEAR 1 2015/2016-SmartSchools Committee developed the investment plan for purchase of 1:1 devices-Technology Committee researched and selected devices for purchase that best fit teacher and student needs
1. Send a teacher to Model Schools training to become a certified Google Apps in the Classroom. Said teacher will subsequently deliver workshops to other district staff.
7. -Devoted Superintendent's Conference Day 1.29.2016 to best practice educator websites and technology teacher's toolsYEAR 2 2016/2017-Joined the BOCES Model Schools CoSer to deliver year long PD to teachers on GAFE and additional best practice apps for the classroom  
-Administer Clarity survey to identify teacher instructional technology skills and knowledge- Model Schools to provide PD on GAFE 9.1.2016 and various times throughout the year
8. YEAR 3 2017/2018--Participate in BOCES Model Schools CoSer to deliver year long targeted PD to teachers based on needs assessment from Clarity web based survey tool.

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 Albany

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

518-442-3300

- 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.**

Randy Moulic

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Classroom Learning Technology

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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

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](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.

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Classroom Learning Technology

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|                         | Sub-Allocation |
|-------------------------|----------------|
| Interactive Whiteboards | 0              |
| Computer Servers        | 0              |
| Desktop Computers       | 0              |
| Laptop Computers        | 201,320        |
| Tablet Computers        | 0              |
| Other Costs             | 7,700          |
| <b>Totals:</b>          | <b>209,020</b> |

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](mailto: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.<br>Repeat to add another item under each type. | Item to be Purchased   | Quantity | Cost per Item | Total Cost |
|---|------------------------|----------|---------------|------------|
| Laptop Computers  | Dell 11                | 700      | 250           | 175,000    |
| Laptop Computers  | Acer 11                | 94       | 280           | 26,320     |
| Other Costs   | Storage/Charging Carts | 7        | 1,100         | 7,700      |

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Pre-Kindergarten Classrooms

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**Group 1**

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)  |
| <b>Totals:</b>                           | <b>0</b>       |

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](mailto:smartschools@nysed.gov). Add rows under each sub-category for additional items, as needed.

Smart Schools Investment Plan - 11.8.16

Pre-Kindergarten Classrooms

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| Select the allowable expenditure type.<br>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) |



Smart Schools Investment Plan - 11.8.16

Replace Transportable Classrooms

Page Last Modified: 11/17/2016

**Group 1**

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)  |
| <b>Totals:</b>                                 | <b>0</b>       |

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](mailto:smartschools@nysed.gov). Add rows under each sub-category for additional items, as needed.

| Select the allowable expenditure type.<br>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) |

Smart Schools Investment Plan - 11.8.16

High-Tech Security Features

Page Last Modified: 05/30/2017

**Group 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 Smart Schools Bond Act monies will be used in multiple ways to improve security and communication systems throughout the two schools. Existing analog cameras will be replaced with IP based digital cameras and associated video management systems. Public address systems will be replaced with IP speakers and integrated notification system. Access control systems will be provided at exterior & interior doors and associated servers. A visitor management system will be provided to properly check in and identify visitors.

- 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        |
| 17-08-01-04-0-001-018 |
| 17-08-01-04-0-002-015 |
| 17-08-01-04-5-007-002 |

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

- Yes  
 No

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

| Name           | License Number |
|----------------|----------------|
| Steven Thesier | 33513          |

- 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) | 150,000        |
| Electronic Security System                           | 91,950         |
| Entry Control System                                 | 88,400         |
| Approved Door Hardening Project                      | (No Response)  |
| Other Costs  | (No Response)  |
| <b>Totals:</b>                                       | <b>330,350</b> |

- 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](mailto:smartschools@nysed.gov).**

**Add rows under each sub-category for additional items, as needed.**

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## High-Tech Security Features

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| Select the allowable expenditure type.<br>Repeat to add another item under each type. | Item to be purchased  | Quantity | Cost per Item | Total Cost |
|---|---|----------|---------------|------------|
| Electronic Security System  | Interior IP camera  | 36       | 1,200         | 43,200     |
| Electronic Security System  | Exteior IP camera   | 13       | 1,750         | 22,750     |
| Electronic Security System  | Camera video server   | 2        | 13,000        | 26,000     |
| Entry Control System  | Card access control unit  | 26       | 2,400         | 62,400     |
| Entry Control System  | Card access control server  | 1        | 3,000         | 3,000      |
| Entry Control System  | Access control badge workstation  | 1        | 8,000         | 8,000      |
| Entry Control System  | Visitor management system to provide background check of visitors, log visitor entry and produce ID badge | 2        | 7,500         | 15,000     |
| Capital-Intensive Security Project  | IP public address notification system - IP ceiling mounted speakers                                       | 98       | 566           | 55,468     |
| Capital-Intensive Security Project  | IP public address notification system - integration software installation                                 | 2        | 6,250         | 12,500     |
| Capital-Intensive Security Project  | IP public address notification system - category 6 data cabling to speakers & modules                     | 700      | 75            | 52,500     |
| Capital-Intensive Security Project  | IP public address notification system - conventional corridor speakers connected via IP module            | 240      | 45            | 10,800     |
| Capital-Intensive Security Project  | IP public address notification system - cable installation cutting and patching                           | 1        | 18,732        | 18,732     |

**Smart Schools Investment Plan - 11.8.16**

Report

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**Smart Schools Investment Plan - 11.8.16**

PPU Report

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