

## Smart Schools Investment Plan - Revised - Smart Schools Investment Plan 3 - Lake Shore

SSIP Overview

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**Institution ID**

800000052251

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

Jeffrey Barnes

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

716-926-2215

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

jeffrey.barnes@lscsd.org

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

Supplemental submission

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

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

District Educational Technology Plan Submitted to SED and Approved

4. **Pursuant to the requirements of the Smart Schools Bond Act, the planning process must include consultation with parents, teachers, students, community members, other stakeholders and any nonpublic schools located in the district.**

**By checking the boxes below, you are certifying that you have engaged with those required stakeholders.**

Parents

Teachers

Students

Community members

This plan has been identified as a Remote Learning Plan and meets the criteria per the SSBA Guidance to be submitted and reviewed on an expedited basis, therefore the district did not consult with certain stakeholder groups including parents, teachers, students, community members and/or nonpublic schools in the district prior to submission of the application.

5. **Did your district contain nonpublic schools in 2014-15?**

Yes

Yes, but they have all since closed, moved out of district or are declining use of SSBA funds

No

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

- The district developed and the school board approved a preliminary Smart Schools Investment Plan.
- The preliminary plan was posted on the district website for at least 30 days. The district included an address to which any written comments on the plan should be sent.
- The school board conducted a hearing that enabled stakeholders to respond to the preliminary plan. This hearing may have 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.
- This Plan has been identified as a Remote Learning Plan and meets the criteria per the SSBA Guidance to be submitted and reviewed on an expedited basis, therefore this plan has not met certain stakeholder engagement requirements including, consulting with nonpublic schools in advance of plan submission, having the school board conduct a hearing on the plan and/or posting the plan to the district website for a minimum of 30 days. This district will post the Remote Learning Plan to the district's website upon submission of the application.

6a. Please upload the proposed Smart Schools Investment Plan (SSIP) that was posted on the district's website, along with any supporting materials. Note that this should be different than your recently submitted Educational Technology Survey. The Final SSIP, as approved by the School Board, should also be posted on the website and remain there during the course of the projects contained therein.

Smart Schools Bond Act 3 Proposal.pdf  
 Smart Schools Bond Act 3 Proposal web version.pdf

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

<https://www.lakeshorecsd.org/Page/7225>

7. Please enter an estimate of the total number of students and staff that will benefit from this Smart Schools Investment Plan based on the cumulative projects submitted to date.

2,109

8. An LEA/School District may partner with one or more other LEA/School Districts to form a consortium to pool Smart Schools Bond Act funds for a project that meets all other Smart School Bond Act requirements. Each school district participating in the consortium will need to file an approved Smart Schools Investment Plan for the project and submit a signed Memorandum of Understanding that sets forth the details of the consortium including the roles of each respective district.

- The district plans to participate in a consortium to partner with other school district(s) to implement a Smart Schools project.

9. Please enter the name and 6-digit SED Code for each LEA/School District participating in the Consortium.

| Partner LEA/District | SED BEDS Code |
|----------------------|---------------|
| (No Response)        | (No Response) |

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

(No Response)

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

\$2,715,167

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

|            | Public Enrollment | Nonpublic Enrollment | Total Enrollment | Nonpublic Percentage |
|------------|-------------------|----------------------|------------------|----------------------|
| Enrollment | 2,476             | 0                    | 2,476.00         | 0.00                 |

13. This table compares each category budget total, as entered in that category's page, to the total expenditures listed

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in the category's expenditure table. Any discrepancies between the two must be resolved before submission.

|                                       | Sub-Allocations | Expenditure Totals | Difference |
|---------------------------------------|-----------------|--------------------|------------|
| School Connectivity                   | 0.00            | 0.00               | 0.00       |
| Connectivity Projects for Communities | 0.00            | 0.00               | 0.00       |
| Classroom Technology                  | 255,550.00      | 255,550.00         | 0.00       |
| Pre-Kindergarten Classrooms           | 0.00            | 0.00               | 0.00       |
| Replace Transportable Classrooms      | 0.00            | 0.00               | 0.00       |
| High-Tech Security Features           | 0.00            | 0.00               | 0.00       |
| Nonpublic Loan                        | 0.00            | 0.00               | 0.00       |
| <b>Totals:</b>                        | <b>255,550</b>  | <b>255,550</b>     | <b>0</b>   |

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School Connectivity

1. In order for students and faculty to receive the maximum benefit from the technology made available under the Smart Schools Bond Act, their school buildings must possess sufficient connectivity infrastructure to ensure that devices can be used during the school day. Smart Schools Investment Plans must demonstrate that:
  - sufficient infrastructure that meets the Federal Communications Commission’s 100 Mbps per 1,000 students standard currently exists in the buildings where new devices will be deployed, or
  - is a planned use of a portion of Smart Schools Bond Act funds, or
  - is under development through another funding source.

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

1. Specifically codified in a service contract with a provider, and
2. Guaranteed to be available to all students and devices as needed, particularly during periods of high demand, such as computer-based testing (CBT) periods.

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

(No Response)

- 1a. If a district believes that it will be impossible to meet this standard within 12 months, it may apply for a waiver of this requirement, as described on the Smart Schools website. The waiver must be filed and approved by SED prior to submitting this survey.

By checking this box, you are certifying that the school district has an approved waiver of this requirement on file with the New York State Education Department.

2. **Connectivity Speed Calculator (Required).** If the district currently meets the required speed, enter “Currently Met” in the last box: Expected Date When Required Speed Will be Met.

|                  | Number of Students | Required Speed in Mbps | Current Speed in Mbps | Expected Speed to be Attained Within 12 Months | Expected Date When Required Speed Will be Met |
|------------------|--------------------|------------------------|-----------------------|--|---|
| Calculated Speed | (No Response)      | 0.00                   | (No Response)         | (No Response)                                  | (No Response)                                 |

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

(No Response)

4. Describe the linkage between the district's District Instructional Technology Plan and how the proposed projects will improve teaching and learning. (There should be a link between your response to this question and your responses to Question 1 in Section IV - NYSED Initiatives Alignment: "Explain how the district use of instructional technology will serve as a part of a comprehensive and sustained effort to support rigorous academic standards attainment and performance improvement for students.")

Your answer should also align with your answers to the questions in Section II - Strategic Technology Planning and the associated Action Steps in Section III - Action Plan.)

(No Response)

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

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

(No Response)

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School Connectivity

6. Smart Schools plans with any expenditures in the School Connectivity category require a project number from the Office of Facilities Planning. Districts must submit an SSBA LOI and receive project numbers prior to submitting the SSIP. As indicated on the LOI, some projects may be eligible for a streamlined review and will not require a building permit.

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

|                |
|----------------|
| Project Number |
| (No Response)  |

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

Was your project deemed eligible for streamlined review?

|               |
|---------------|
| (No Response) |
|---------------|

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

|               |                |
|---------------|----------------|
| Name          | License Number |
| (No Response) | (No Response)  |

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

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

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

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

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

|            | Public Enrollment | Nonpublic Enrollment | Total Enrollment | Nonpublic Percentage |
|------------|-------------------|----------------------|------------------|----------------------|
| Enrollment | 2,476             | 0                    | 2,476.00         | 0.00                 |

12. Total Public Budget - Loanable (Counts toward the nonpublic loan calculation)

|  | Public Allocations | Estimated Nonpublic Loan Amount | Estimated Total Sub-Allocations |
|--|--------------------|---------------------------------|---------------------------------|
| Network/Access Costs                       | (No Response)      | 0.00                            | 0.00                            |
| School Internal Connections and Components | (No Response)      | 0.00                            | 0.00                            |

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School Connectivity

|                | Public Allocations | Estimated Nonpublic Loan Amount | Estimated Total Sub-Allocations |
|----------------|--------------------|---------------------------------|---------------------------------|
| Other          | (No Response)      | 0.00                            | 0.00                            |
| <b>Totals:</b> | <b>0.00</b>        | <b>0</b>                        | <b>0</b>                        |

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

|  | Sub-Allocation |
|--|----------------|
| Network/Access Costs                       | (No Response)  |
| Outside Plant Costs                        | (No Response)  |
| School Internal Connections and Components | (No Response)  |
| Professional Services                      | (No Response)  |
| Testing                                    | (No Response)  |
| Other Upfront Costs                        | (No Response)  |
| Other Costs                                | (No Response)  |
| <b>Totals:</b>                             | <b>0.00</b>    |

14. School Connectivity Totals

|                          | Total Sub-Allocations |
|--------------------------|-----------------------|
| Total Loanable Items     | 0.00                  |
| Total Non-loanable Items | 0.00                  |
| <b>Totals:</b>           | <b>0</b>              |

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Community Connectivity (Broadband and Wireless)

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

(No Response)

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

(No Response)

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

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

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

(No Response)

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

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

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

| Select the allowable expenditure type.<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) | 0.00       |
|   |                      | <b>0</b>      | <b>0.00</b>   | <b>0</b>   |

7. If you are submitting an allocation for Community Connectivity, complete this table.  
Note that the calculated Total at the bottom of the table must equal the Total allocation for this category that you entered in the SSIP Overview overall budget.

|                             | Sub-Allocation |
|-----------------------------|----------------|
| Network/Access Costs        | (No Response)  |
| Outside Plant Costs         | (No Response)  |
| Tower Costs                 | (No Response)  |
| Customer Premises Equipment | (No Response)  |
| Professional Services       | (No Response)  |
| Testing                     | (No Response)  |
| Other Upfront Costs         | (No Response)  |
| Other Costs                 | (No Response)  |
| <b>Totals:</b>              | <b>0.00</b>    |

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Classroom Learning Technology

1. In order for students and faculty to receive the maximum benefit from the technology made available under the Smart Schools Bond Act, their school buildings must possess sufficient connectivity infrastructure to ensure that devices can be used during the school day. Smart Schools Investment Plans must demonstrate that sufficient infrastructure that meets the Federal Communications Commission’s 100 Mbps per 1,000 students standard currently exists in the buildings where new devices will be deployed, or is a planned use of a portion of Smart Schools Bond Act funds, or is under development through another funding source.

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

1. Specifically codified in a service contract with a provider, and
2. Guaranteed to be available to all students and devices as needed, particularly during periods of high demand, such as computer-based testing (CBT) periods.

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

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

|  | Minimum Capacity (Expressed in Gb) | Maximum Capacity (Expressed in Gb) |
|--|------------------------------------|------------------------------------|
| Network Bandwidth: Incoming connection TO district schools (WAN) | 5GB                                | 5GB                                |
| Network Bandwidth: Connections BETWEEN school buildings (LAN)    | 1GB                                | 10GB                               |
| Bandwidth: Connections WITHIN school buildings (LAN)             | 1GB                                | 10GB                               |

The total contracted internet access bandwidth for our district is 5GB/5GB.

1a. If a district believes that it will be impossible to meet this standard within 12 months, it may apply for a waiver of this requirement, as described on the Smart Schools website. The waiver must be filed and approved by SED prior to submitting this survey.

By checking this box, you are certifying that the school district has an approved waiver of this requirement on file with the New York State Education Department.

2. Connectivity Speed Calculator (Required). If the district currently meets the required speed, enter “Currently Met” in the last box: Expected Date When Required Speed Will be Met.

|                  | Number of Students | Required Speed in Mbps | Current Speed in Mbps | Expected Speed to be Attained Within 12 Months | Expected Date When Required Speed Will be Met |
|------------------|--------------------|------------------------|-----------------------|--|---|
| Calculated Speed | 2,109              | 210.90                 | 425                   | now  | now   |



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Classroom Learning Technology

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

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

We have the following wireless protocols available in the district:

- 802.11a
- 802.11b
- 802.11g

We have wireless access points in use in the district that covers 100% of our instructional space. We have a wireless controller and our port speed of switches that are less than seven years old is 1GB. We will be using E Rate in the next few years to upgrade our network closets and wireless access points to handle more bandwidth.

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

|  | Minimum Capacity (Expressed in Gb) | Maximum Capacity (Expressed in Gb) |
|--|------------------------------------|------------------------------------|
| Network Bandwidth: Incoming connection TO district schools (WAN) | 5GB                                | 5GB                                |
| Network Bandwidth: Connections BETWEEN school buildings (LAN)    | 1GB                                | 10GB                               |
| Bandwidth: Connections WITHIN school buildings (LAN)             | 1GB                                | 10GB                               |

The total contracted internet access bandwidth for our district is 5GB/5GB.

4. **All New York State public school districts are required to complete and submit an Instructional Technology Plan survey to the New York State Education Department in compliance with Section 753 of the Education Law and per Part 100.12 of the Commissioner’s Regulations. Districts that include educational technology purchases as part of their Smart Schools Investment Plan must have a submitted and approved Instructional Technology Plan survey on file with the New York State Education Department.**

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

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

We intend to purchase the following items which are compatible with our existing platforms and systems and address Digital Equity by going to a 1 to 1 student to device model:

Chromebooks

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

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

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

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

With the abundance the hardware tools available, teachers are now able to access more resources to help them address the diverse needs of their students. Technology also allows them to attend to these needs in numerous ways, through learning activities, content input, and opportunities to demonstrate understanding. With our rimplementation of Google for Education, all staff and students can easily create online centers for learning, areas to submit projects and allow both students and staff to pace themselves appropriately for each student's learning level, promoting academic growth and enhancing student motivation. Online work allows students the privacy to work at their own pace and provides them areas to collaborate and communicate online. Because each student has his or her own Google account, this allows students to stay organized and prepared by having tools to create work and store work by class. Online tools also allows for students to create and prepare work that aligns with their learning styles with the ability to create graphs, charts, visual and auditory displays of learning very easily. Often online work is more authentic and allows students more choice in how to demonstrate their learning. Due to the recent changes to instruction addressing Covid-19 and the adoption of a hybrid learning model, it is more important now that all students have access to technology to do online learning. With the recent change to a 1 to 1 model, devies purchased as part of this plan will address Digital Equity and make sure all students are on a level playing feild by having their own device. These tools will allow our teachers to differentiate in many ways for our students. With the access of computers, teachers become more apt to use the open educational resources that are freely available via the Internet. Ranging from digital textbooks, online libraries, podcasts, instructional games, online videos that show places around the world, how-to instructions and quality learning experiences, our classrooms grow beyond the four walls. The district's technology plan addresses the needs of students with disabilities and English Language Learners to ensure equitable access to curriculum, instruction, materials, and assessments. With the support and techniques that we provide, students with a learning disability and English Language Learners at Lake Shore Central School District are able to compensate for difficulties that they may have in learning the curriculum. We strive to help them grow as independent learners and provide them with assistive technologies that are include both the simple and the complex to expand their learning opportunities and promote a more positive classroom environment. Student IEP's address assistive technology and adaptation to materials to allow for full access to instruction. When in classrooms, students with disabilities have access to enlarged print materials, zoom text and visual acuity devices, hearing devices, speech dictation and word prediction software, enlarged letter and braille keyboards, tablets, laptops with software that align with IEP needs. In addition, all classrooms have data projection systems to enlarge materials and resources and all special education classrooms have interactive white boards. Our district is aggressive in keeping students in our district (versus sending them to an outside program) and we are aggressive in providing all that a student needs for full access to classroom instruction in the general education classroom. The technology that is provided can help motivate the learners and engage them in learning no matter the skills. Our budget and technology plan both fully support student IEP needs and classroom teachers ensure equitable access for all learners. This year we have 1 ESL student, but when in place, our ESL teachers and support staff attend numerous workshops to learn of materials and technology that supports both teaching and learning ESL students. Recommendations are made each year from staff input on what works best in the classroom and what new technologies will augment existing curriculum for all learners. Lake Shore has been aggressive in raising their graduation rate with an August 2020 graduation rate of 92%. We believe that the professional development plan in place and with the increase of technology tools in our district, our graduation rate will grow as students are provided with instruction of high interest and that meets their learning needs and styles.

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Classroom Learning Technology

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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.**

Every student will have an assigned device that they can take home and use for online instruction and learning. Parents who are working from home or dealing with multiple students in the household will no longer need to share devices or plan around access for students to participate in daily classroom activities.

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

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

**Please note: If this plan has been identified as a Remote Learning Plan to be submitted and reviewed on an expedited basis, the district should provide a statement confirming that the district has provided or will provide professional development on these devices to its staff, in lieu of responding to the question above.**

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

| Technology Tool /Topic   | Purpose  | Teachers  |
|--|--|-----------|
| Augmented Reality in the Classroom   | Student projects that allow for increase in family engagement and using technology in innovative ways  | K-5       |
| Breakout EDU   | Immersive learning games   | K-12      |
| Belouga  | Web Based Educational Collaboration Platform   | K-12      |
| Buncee   | Student communication tool   | K-12      |
| Chromebooks  | Maximizing Apps and Extensions   | K-12      |
| Coding in the Classroom  | programming skills and computer science concepts that ensure educator and student technological literacy   | K-12      |
| Copyright and Digital Citizenship  | Updates and curriculum   | K-12      |
| eSports  | Online Sport Competition for Student Digital Involvement   | 9-12      |
| CueThink in the classroom  | Problem solving  | K-12 math |
| GoNoodle   | Brain Breaks for the Classroom – using technology in innovative ways   | K-5       |
| Google Apps for Education and Google Classroom   | Comprehensive suite of Google Applications from basics to Google Tour Builder and Cultural Institute aimed at improving instruction, collaboration and student achievement; Book studies | K-12      |
| IXL Math   | To ensure the effectiveness of instruction and to monitor student learning   | K-12 math |
| Makerspace/coding clubs - Cubelets, Makey Makey, Little Bits, Dash & Dot, Project Ignite | Innovative projects, 3D Modeling, digital electronics, and coding  | K-12      |
| Microsoft 2019, Windows 10   | Multimedia products with audio, video, and full interactivity  | K-12      |
| Minecraft EDU  | Student creation and creativity  | K-12      |
| Mystery Skype, Google Hangout  | Connect classrooms globally  | K-12      |
| Online Learning using GradPoint  | Differentiating instruction, diverse learning  | 6-12 Core |

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|   |   |      |
|---|---|------|
| Nearpod, Socrative, Plickers, Google Forms/Kahoot | Formative Assessment – Data-driven instruction  | K-12 |
| Padlet  | Backchanneling, resource curation – using technology to communicate and collaborate           | K-12 |
| Podcasts in the classroom                         | Using technology in innovative ways to assess learning, deliver learning and monitor learning | K-12 |
| Quaver  | Online Music Curriculum   | K-8  |
| Read and Write TextHelp                           | Assistive Technology  | K-12 |
| SeeSaw  | Classroom Platform for Meaningful Student Engagement  | K-5  |
| Student Portfolios                                | Authentic work published to a greater audience  | K-12 |
| Twitter for Teachers                              | Connected Educators   | K-12 |
| Video blogs                                       | Increase in parent and family communication and engagement                                    | K-12 |
| WeVideo   | Online Video Editor   | K-12 |

In summary, there will be more technology hardware, software and tools available over the next three years. This will increase our ability to improve our teaching and learning for the 21st century learner by immersing them in web 2.0 tools, better monitoring of their learning through immediate online feedback through assessment tools, and allowing us to diversify our learning based on learning styles and interests of our students. We have two full time equivalent (FTE) Technology Integrator for 2020-21.

**9. Districts must contact one of the SUNY/CUNY teacher preparation programs listed on the document on the left side of the page that supplies the largest number of the district's new teachers to request advice on innovative uses and best practices at the intersection of pedagogy and educational technology.**

By checking this box, you certify that you have contacted the SUNY/CUNY teacher preparation program that supplies the largest number of your new teachers to request advice on these issues.

**9a. Please enter the name of the SUNY or CUNY Institution that you contacted.**

Buffalo State

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

716-861-5057

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

Chris T Shively, Ph. D.

**10. To ensure the sustainability of technology purchases made with Smart Schools funds, districts must demonstrate a long-term plan to maintain and replace technology purchases supported by Smart Schools Bond Act funds. This sustainability plan shall demonstrate a district's capacity to support recurring costs of use that are ineligible for Smart Schools Bond Act funding such as device maintenance, technical support, Internet and wireless fees, maintenance of hotspots, staff professional development, building maintenance and the replacement of incidental items. Further, such a sustainability plan shall include a long-term plan for the replacement of purchased devices and equipment at the end of their useful life with other funding sources.**

By checking this box, you certify that the district has a sustainability plan as described above.

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11. Districts must ensure that devices purchased with Smart Schools Bond funds will be distributed, prepared for use, maintained and supported appropriately. Districts must maintain detailed device inventories in accordance with generally accepted accounting principles.

By checking this box, you certify that the district has a distribution and inventory management plan and system in place.

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

| Select the allowable expenditure type.<br>Repeat to add another item under each type. | Item to be Purchased     | Quantity     | Cost per Item | Total Cost     |
|---|--------------------------|--------------|---------------|----------------|
| Laptop Computers  | Dell Chromebook 11 3100  | 950          | 245.00        | 232,750.00     |
| Other Costs   | Chrome Education License | 950          | 24.00         | 22,800.00      |
|   |                          | <b>1,900</b> | <b>269.00</b> | <b>255,550</b> |

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

|            | Public Enrollment | Nonpublic Enrollment | Total Enrollment | Nonpublic Percentage |
|------------|-------------------|----------------------|------------------|----------------------|
| Enrollment | 2,476             | 0                    | 2,476.00         | 0.00                 |

14. If you are submitting an allocation for Classroom Learning Technology complete this table.

|                         | Public School Sub-Allocation | Estimated Nonpublic Loan Amount<br>(Based on Percentage Above) | Estimated Total Public and Nonpublic Sub-Allocation |
|-------------------------|------------------------------|--|---|
| Interactive Whiteboards | (No Response)                | 0.00   | 0.00  |
| Computer Servers        | (No Response)                | 0.00   | 0.00  |
| Desktop Computers       | (No Response)                | 0.00   | 0.00  |
| Laptop Computers        | 232,750.00                   | 0.00   | 232,750.00  |
| Tablet Computers        | (No Response)                | 0.00   | 0.00  |
| Other Costs             | 22,800.00                    | 0.00   | 22,800.00   |
| <b>Totals:</b>          | <b>255,550.00</b>            | <b>0</b>   | <b>255,550</b>                                      |

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Pre-Kindergarten Classrooms

1. Provide information regarding how and where the district is currently serving pre-kindergarten students and justify the need for additional space with enrollment projections over 3 years.

(No Response)

2. Describe the district’s plan to construct, enhance or modernize education facilities to accommodate pre-kindergarten programs. Such plans must include:

- Specific descriptions of what the district intends to do to each space;
- An affirmation that new pre-kindergarten classrooms will contain a minimum of 900 square feet per classroom;
- The number of classrooms involved;
- The approximate construction costs per classroom; and
- Confirmation that the space is district-owned or has a long-term lease that exceeds the probable useful life of the improvements.

(No Response)

3. Smart Schools Bond Act funds may only be used for capital construction costs. Describe the type and amount of additional funds that will be required to support ineligible ongoing costs (e.g. instruction, supplies) associated with any additional pre-kindergarten classrooms that the district plans to add.

(No Response)

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

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

|                |
|----------------|
| Project Number |
| (No Response)  |

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

| Select the allowable expenditure type.<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) | 0.00       |
|   |                      | 0             | 0.00          | 0          |

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

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

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Replace Transportable Classrooms

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

| 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) | 0.00       |
|   |                      | <b>0</b>      | <b>0.00</b>   | <b>0</b>   |

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

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



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High-Tech Security Features

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. Smart Schools plans with any expenditures in the High-Tech Security category require a project number from the Office of Facilities Planning. Districts must submit an SSBA LOI and receive project numbers prior to submitting the SSIP. As indicated on the LOI, some projects may be eligible for a streamlined review and will not require a building permit. Please indicate on a separate row each project number given to you by the Office of Facilities Planning.

|                |
|----------------|
| Project Number |
| (No Response)  |

3. Was your project deemed eligible for streamlined Review?

- Yes
- No

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

|               |                |
|---------------|----------------|
| Name          | License Number |
| (No Response) | (No Response)  |

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

| Select the allowable expenditure type.<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) | 0.00       |
|   |                      | <b>0</b>      | <b>0.00</b>   | <b>0</b>   |

6. If you have made an allocation for High-Tech Security Features, complete this table. Enter each Sub-category Public Allocation based on the the expenditures listed in Table #5.

|  |                |
|--|----------------|
|  | Sub-Allocation |
| Capital-Intensive Security Project (Standard Review) | (No Response)  |
| Electronic Security System                           | (No Response)  |
| Entry Control System                                 | (No Response)  |
| Approved Door Hardening Project                      | (No Response)  |
| Other Costs  | (No Response)  |
| <b>Totals:</b>                                       | <b>0.00</b>    |