Smart Schools Investment Plan - LFCSD 2nd Submission

SSIP Overview

Page Last Modified: 09/07/2016

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

   Leeann Dooley

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

   315.823.1167

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

   ldooley@lfcsd.org

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

   First submission

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

   ☑ District Educational Technology Plan Submitted to SED and Approved

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

   ☑ Parents
   ☑ Teachers
   ☑ Students
   ☑ Community members

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

   ☑ Yes
   ☐ No
   ☐ N/A

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

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

Smart Schools Investment Plan - LFCSD 2nd Submission

SSIP Overview

Page Last Modified: 09/07/2016

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.**

PReliminary_Smart_School_Investment_Plan.pdf

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

1,300

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:**

$1,059,936

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	133,296
Connectivity Projects for Communities	0
Classroom Technology	454,050
Pre-Kindergarten Classrooms	0
Replace Transportable Classrooms	0
High-Tech Security Features	0
Totals:	**587,346**

Page Last Modified: 09/07/2016

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 district increased the existing bandwidth coming into the Middle/High School building to 1 GB in order to make effective use of instructional technology. The district plans to increase existing bandwidth to Benton Hall Academy building to 1 GB during the Fall of 2016. On an average day, we currently have 1,200 students and faculty utilizing the internet. With the daily use by students and teachers of tools such as Google Apps for Education, YouTube, databases for research, and many others, providing seamless increased access to our internet and wireless technology access is paramount to advancing the effective use of technology to improve student learning.
    The district is upgrading its network core to 10GB and replacing all switches.
   The Allocation will allow us to replace all network switches that were not upgraded during our last multi-year security camera upgrade.
    During that project 120 additional network drops were run to each classroom to accommodate for upgrading and adding wireless access points throughout the district.
   The switch upgrade plan includes a 10GB backbone from MDF to all IDF locations in both buildings. 10GB fiber connections have already been run throughout. In addition, the Allocation will provide for 120 new wireless access points, replacing current end-of-life units and upgrading all units to 802.11ac.

   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	1,200	120,000	120	100MB	1GB	9/01/2016

Page Last Modified: 09/07/2016

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 Smart School Bond Act will allow LFCSD to complete the project started in 2015 to update infrastructure to support high–speed traffic requirements for online productivity, 1:1 device support and future online assessment requirements. Our SSBA fund allocation will support the upgrade of our internal network backbone to accommodate faster connections and power over Ethernet (POE) requirements.
> The Allocation will allow us to replace all network switches that were not upgraded during our last multi-year security camera upgrade. During that project 120 additional network drops were run to each classroom to accommodate for upgrading and adding wireless access points throughout the district.
> The switch upgrade plan includes a 10GB backbone from MDF to all IDF locations in both buildings. 10GB fiber connections have already been run throughout. In addition, the Allocation will provide for 120 new wireless access points, replacing current end-of-life units and upgrading all units to 802.11ac.

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 LFCSD is committed to enhancing the curriculum and raising standards for all students through the use of technology in grades K-12, focusing on 21st Century Learning.
> Introducing technology and sustained connectivity in the classroom will allow teachers, parents and students to collaborate and support the educational process together, beyond the four walls of the classroom. The learning environment will shift from teacher-driven instruction to student-directed learning; the teacher will become the guiding mentor and the student will be a more engaged and involved learner.
> It is the district's desire to use technology to individualize learning, offer diverse courses otherwise unattainable in a traditional environment, and to provide students with real-world learning opportunities. Within the districts instructional technology plan, LFCSD students will have access to additional AP courses, Foreign languages and faculty outside the school. LFCSD is committed to making sure our students leave the district with the 21st-century skills needed to compete and excel in a global market.
> From our district Instructional Technology Plan:
> The district plans to use digital connectivity and technology to improve teaching and learning by:
> Fostering collaboration between students and teachers.
> Encouraging and supporting project based learning.
> Continue to improve and develop digital literacy skills.
> Providing teachers with the tools to project documents, websites, software and other web based instructional materials.
> Ensuring college and career readiness by teaching our students about the cloud computing, managing files in the cloud, data security, and online safety.
> By ensuring we are meeting and maintaining industry standards, as well as FCC requirements for connectivity, our students and staff will have access to robust wireless connections that support the seamless integration of instruction, learning, and technology.

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.

> In November, 2015 LFCSD began upgrading our infrastructure and our bandwidth, this was not included as a Smartbond project. This was a security multi year upgrade the district planned for prior to Smartbond State approval. This project included running new 10GB fiber optic lines to each of the data closets. During the project, one new core switch was placed in each closet with the plan to replace all switches in each closet 10GB core switches using Smartbond funds. During this upgrade 120 additional Cat6a cables were run to each instructional space throughout the district. The District plans to replace old outdated access points as well as add new access points throughout the district. There will be a total of 120 wireless access points purchased for the district with the use of Smartbond funds.

Page Last Modified: 09/07/2016

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
21-08-00-05-7-999-BA1

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

Was your project deemed eligible for streamlined review?

Yes

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

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

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

Name	License Number
James E. Graham	23879

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	133,296
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)
Totals:	**133,296**

Smart Schools Investment Plan - LFCSD 2nd Submission

School Connectivity

Page Last Modified: 09/07/2016

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

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
Network/Access Costs	Catalyst 4500-X 16 Port 10 G IP Base Switch	1	9,105	9,105
Network/Access Costs	Catalyst 4500-X 24 Port 10G Switch	1	14,235	14,235
Network/Access Costs	Catalyst 4500x 750 W AC	2	1,020	2,040
Network/Access Costs	IP Base to Ent. Services License for 16 Port Catalyst 4500X	1	2,040	2,040
Network/Access Costs	10G Base-LRM SFP Module	12	508	6,096
Network/Access Costs	Cat2960-X 48 Port POE 2 SFP	7	4,202	29,414
Network/Access Costs	802.11ac CAP w/CleanAir: 3x4:3SS: In Ant	120	559	67,080
Network/Access Costs	802.11ac Cap w/Clean Air; 3x4;SS Ext Ant	5	657	3,286

Smart Schools Investment Plan - LFCSD 2nd Submission

Community Connectivity (Broadband and Wireless)

Page Last Modified: 09/07/2016

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

   (No Response)

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

   (No Response)

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

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

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

   (No Response)

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

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

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

	Sub-Allocation
Network/Access Costs	(No Response)
Outside Plant Costs	(No Response)
Tower Costs	(No Response)
Customer Premises Equipment	(No Response)
Professional Services	(No Response)
Testing	(No Response)
Other Upfront Costs	(No Response)
Other Costs	(No Response)
Totals:	**0**

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

Page Last Modified: 09/07/2016

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

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

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   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.

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   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	1,200	120,000	120	100	1 GB	09/01/2016

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 Smart School Bond Act will allow LFCSD to complete the project started in 2015 to update infrastructure to support high–speed traffic requirements for online productivity, 1:1 device support and future online assessment requirements. Our SSBA fund allocation will support the upgrade of our internal network backbone to accommodate faster connections and power over Ethernet (POE) requirements.

    The Allocation will allow us to replace all network switches that were not upgraded during our last multi-year security camera upgrade. During that project 120 additional network drops were run to each classroom to accommodate for upgrading and adding wireless access points throughout the district.

    The switch upgrade plan includes a 10GB backbone from MDF to all IDF locations in both buildings. 10GB fiber connections have already been run throughout. In addition, the Allocation will provide for 120 new wireless access points, replacing current end-of-life units and upgrading all units to 802.11ac.

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

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

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

    Classroom technology that will be purchased through SSBA funds will include Chromebooks, iPads, and Cleartouch Interactive Display Screens. Chromebooks are necessary for the 1:1 digital learning program for our secondary schools. The availability of devices is essential to allow students who have temporary issues (devices needing repairs, forgotten devices, uncharged devices) to maintain continuity of instruction. The 1:1 implementation at the elementary school will consist of iPads at K-2 and chromebooks at grades 3-5.

    The LFCSD is now a Google Apps for Education School, purchasing chromebooks will move this initiative forward.. Current 6th grade and 10th grade 1:1 chromebook pilots will expand to 7th and 11th grade in the fall of 2016. It is a district goal that all students and staff at the secondary levels are fully immersed in Google Apps for Education by the Fall of 2017.

    The 1:1 initiative at the elementary level has started with one iPad cart placed at Kindergarten - 4th grade levels. Each cart will have a Mac Book Pro to manage the cart and 25 iPads. Each class has a set of 5 iPads that are used in Literacy and Math centers. The initiative is to have 1 iPad cart per classroom K-2 so that each student will have a device to use. Teachers adapt lessons by differentiating content using several effective iPad applications.

    Interactive LCD panels for classrooms: The district plans to replace all current interactive whiteboards greater than 5 years of age (66%) with interactive LCD panels. The proposed model - ClearTouch 65" Interactive Flat Panel - is fully compatible with existing and proposed faculty devices: VGA & HDMI input, USB mouse/keyboard emulation.

    Faculty laptop replacements: All current faculty laptops were purchased in 2012. Part of the SSBA funds will be used to begin a sustainability replacement program for faculty laptops, with 50% of faculty laptops replaced with SSBA funds. The remaining laptops will be replaced in subsequent years with multi-year funding with the intention of providing a rolling replacement program for aging faculty laptops. All proposed laptops will be of similar specification and thereby fully compatible with existing and proposed systems: Windows/Intel based platform.

Page Last Modified: 09/07/2016

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?"

   LFCSD strives for equity and access for all students and faculty. Equitable access to digital tools and information is an essential goal of our instructional technology plan and the Smart Schools investment plan. To ensure equitable access exists for learning at home, the school we will be creating a program that will allow devices to be taken home or signed out that will have embedded Verizon Wireless technology for access during nights and weekends. This program will double as providing device equity and broadband equity amongst students.
   In addition to the devices provided to the general education population, special education students are provided additional instructional technology. Some of these supports include iPads, laptops, and additional assistive devices. The purchasing plan will respond to student IEP, ELL students, and teacher needs.
   Curriculum will continue to provide collaborative experiences for general, special education and ELL programs to address the needs of students at all levels. The LFCSD curriculum will integrate multiple learning platforms, including digital lessons via Google Classroom, audiobooks and eBooks. These differentiated learning resources will translate the learning experience into the most effective manner to match the student's learning style without sacrificing the overall curriculum. The variety of digital resources available will allow students with disabilities to experience the curriculum in a flexible manner ensuring that content is accessible through the technology in multiple locations.
   LFCSD will continue to take part in professional development that targets the support ELL students and students with disabilities using Universal Designs for Instruction supported by technology. Access to professional development for all teachers will help them to become familiar with adaptive devices and instructional strategies using technology to improve access for students with disabilities, as well as ELL students. The access to technology by special education students and ELL students will be the same as their counterparts in the mainstream education program at LFCSD.
   To further enhance special education and ELL student access to technology, the district will further its use of BOCES services and technology. We will work with consultants to ensure that we are adequately meeting the needs of all students in our district. The availability and access to technology will serve to enhance teachers' abilities to differentiate instruction and meet the needs of diverse students. Through professional development, teachers will refine their use of these technologies to meet the diverse needs of all students to enhance overall performance and reduce the achievement gap.
   LFCSD will continue to maintain a hardware and software budget dedicated to the purchasing of assistive and adaptive technology for students with disabilities and ELL students.

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 proposed technology purchases will help the district facilitate technology based regional partnerships with business, colleges, families and other community stakeholders.
   The district will be disseminating information through various platforms to keep stakeholders informed. The district will be creating a library of virtual video tours of the school and community to build partnership and bring resources to our students, as well as providing information to all stakeholders.
   The integration of technology has already allowed our district to provide our students and staff with community service and service learning opportunities. Our district started a worked-based learning program for students with disabilities three years ago. This program has allowed these students to work with local businesses, industries and community organizations to enhance students skills. The purchase of additional technology will help expand these partnerships.

Page Last Modified: 09/07/2016

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 professional development will be centered around three core components.
   1. Sustainability
   2. Culture
   3. Currency and relevancy
   The professional development schedule related to core superintendent days will remain unchanged and all technology introduced within these opportunities will be school-wide initiatives such as Google Classroom training, collaboration with Google Drive, Cleartouch Interactive Boards, etc. These are pre-budgeted days that will be offered year-after-year to faculty.
   To further enhance the sustainability is to create a culturally supportive digital learning environment amongst faculty through realignment of the planning periods, redefinition of extracurricular stipend positions (A/V advisor, etc.), redefinition of stipend leadership positions (department chair, team leader, etc) and realignment of the teacher mentor-mentee program to include components of the digital initiatives of the school. This approach will create a sustainable cultural shift and offer very strong peer-peer support in a budget neutral model
   The faculty will be surveyed several times through the year to track training needs. The structure with PD days and realignment with positions will ensure that school-wide initiatives are relevant and the planning times driven by the champions/mentee include learning opportunism which are much more fluid in nature moving with the dynamic ebbs and flows of educational technology as it relates to grade level or department developments.

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 Oneonta

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

   607-436-3500

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

   Dr.Jan Bowers

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

Page Last Modified: 09/07/2016

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

The Mohawk Valley Christian Academy within our school district as declined any money from the SmartSchool Bond. LFCSD officials met with the Mohawk Valley Christian Academy school officials on Monday, February 8th, 2016 at 11 AM. During the meeting the MVCA school officials declined any funding from the SmartSchool Bond Act.

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

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

11. **Nonpublic Classroom Technology Loan Calculator**
The Smart Schools Bond Act provides that any Classroom Learning Technology purchases made using Smart Schools funds shall be lent, upon request, to nonpublic schools in the district. However, no school district shall be required to loan technology in amounts greater than the total obtained and spent on technology pursuant to the Smart Schools Bond Act and the value of such loan may not exceed the total of $250 multiplied by the nonpublic school enrollment in the base year at the time of enactment.
See:
http://www.p12.nysed.gov/mgtserv/smart_schools/docs/Smart_Schools_Bond_Act_Guidance_04.27.15_Final.pdf.

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

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

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

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

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

14. **If you are submitting an allocation for Classroom Learning Technology complete this table.**
Note that the calculated Total at the bottom of the table must equal the Total allocation for this category that you entered in the SSIP Overview overall budget.

	Sub-Allocation
Interactive Whiteboards	325,500
Computer Servers	(No Response)
Desktop Computers	(No Response)
Laptop Computers	104,400
Tablet Computers	18,950
Other Costs	5,200
Totals:	**454,050**

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

    Please specify in the "Item to be Purchased" field which specific expenditures and items are planned to meet the district's nonpublic loan requirement, if applicable.

    NOTE: Wireless Access Points that will be loaned/purchased for nonpublic schools should ONLY be included in this category, not under School Connectivity, where public school districts would list them.

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

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be Purchased	Quantity	Cost per Item	Total Cost
Interactive Whiteboards	ClearTouch Interactive Flat Panels	93	3,500	325,500
Tablet Computers	iPad Air Bundle of 10: 10 16 GB IPads in each Bundle	5	3,790	18,950
Laptop Computers	Chromebooks	250	300	75,000
Laptop Computers	Dell Laptops	50	548	27,400
Other Costs	Bretford Power Sync Cart 30 for iPad air. Storing, Charging and Syncing of 30 iPads	2	2,600	5,200
Laptop Computers	Mac Book Pro 13.3/ 2x2GB	2	1,000	2,000

Page Last Modified: 09/07/2016

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

   (No Response)

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

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

   (No Response)

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

   (No Response)

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

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

Project Number
(No Response)

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

	Sub-Allocation
Construct Pre-K Classrooms	(No Response)
Enhance/Modernize Educational Facilities	(No Response)
Other Costs	(No Response)
Totals:	**0**

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

Smart Schools Investment Plan - LFCSD 2nd Submission

Pre-Kindergarten Classrooms

Page Last Modified: 09/07/2016

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

Page Last Modified: 09/07/2016

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

(No Response)

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

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

Project Number
(No Response)

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

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

(No Response)

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

	Sub-Allocation
Construct New Instructional Space	(No Response)
Enhance/Modernize Existing Instructional Space	(No Response)
Other Costs	(No Response)
Totals:	**0**

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

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

Smart Schools Investment Plan - LFCSD 2nd Submission

High-Tech Security Features

Page Last Modified: 09/07/2016

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

(No Response)

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

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

Project Number
(No Response)

3. **Was your project deemed eligible for streamlined Review?**

☐ Yes
☐ No

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

Name	License Number
(No Response)	(No Response)

5. **If you have made an allocation for High-Tech Security Features, complete this table.**

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

	Sub-Allocation
Capital-Intensive Security Project (Standard Review)	(No Response)
Electronic Security System	(No Response)
Entry Control System	(No Response)
Approved Door Hardening Project	(No Response)
Other Costs	(No Response)
Totals:	**0**

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

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

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