Smart Schools Investment Plan - Revised - LCSD Phase IV Classroom Technology

SSIP Overview

Page Last Modified: 09/22/2021

Institution ID

800000037570

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

   Pierre Gay

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

   631-345-2900

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

   pierre.gay@longwoodcsd.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

Smart Schools Investment Plan - Revised - LCSD Phase IV Classroom Technology

SSIP Overview

Page Last Modified: 09/22/2021

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 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.

☐ 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.**

LCSDPhase IV .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.**

http://longwood.k12.ny.us/departments/technology/smart_schools_investment_plan

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.**

8,865

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:**

$7,772,337

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

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	9,050	0	9,050.00	0.00

Smart Schools Investment Plan - Revised - LCSD Phase IV Classroom Technology

SSIP Overview

Page Last Modified: 09/22/2021

13. **This table compares each category budget total, as entered in that category's page, to the total expenditures listed 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	3,731,659.36	3,731,659.36	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
Totals:	**3,731,659**	**3,731,659**	**0**

Smart Schools Investment Plan - Revised - LCSD Phase IV Classroom Technology

School Connectivity

Page Last Modified: 09/22/2021

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)

Smart Schools Investment Plan - Revised - LCSD Phase IV Classroom Technology

School Connectivity

Page Last Modified: 09/22/2021

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)

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. 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
		0	0.00	0

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

Select the allowable expenditure type. 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
		0	0.00	0

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

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	9,050	0	9,050.00	0.00

Smart Schools Investment Plan - Revised - LCSD Phase IV Classroom Technology

School Connectivity

Page Last Modified: 09/22/2021

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
Other	(No Response)	0.00	0.00
Totals:	**0.00**	**0**	**0**

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)
Totals:	**0.00**

14.   School Connectivity Totals

	Total Sub-Allocations
Total Loanable Items	0.00
Total Non-loanable Items	0.00
Totals:	**0**

Smart Schools Investment Plan - Revised - LCSD Phase IV Classroom Technology

Community Connectivity (Broadband and Wireless)

Page Last Modified: 09/22/2021

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. 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

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)
Totals:	**0.00**

Smart Schools Investment Plan - Revised - LCSD Phase IV Classroom Technology

Classroom Learning Technology

Page Last Modified: 09/22/2021

1. **In order for students and faculty to receive the maximum benefit from the technology made available under the Smart Schools Bond Act, their school buildings must possess sufficient connectivity infrastructure to ensure that devices can be used during the school day. Smart Schools Investment Plans must demonstrate that sufficient infrastructure that meets the Federal Communications Commission's 100 Mbps per 1,000 students standard currently exists in the buildings where new devices will be deployed, or is a planned use of a portion of Smart Schools Bond Act funds, or is under development through another funding source.**
Smart Schools Bond Act funds used for technology infrastructure or classroom technology investments must increase the number of school buildings that meet or exceed the minimum speed standard of 100 Mbps per 1,000 students and staff within 12 months. This standard may be met on either a contracted 24/7 firm service or a "burstable" capability. If the standard is met under the burstable criteria, it must be:
1. Specifically codified in a service contract with a provider, and
2. Guaranteed to be available to all students and devices as needed, particularly during periods of high demand, such as computer-based testing (CBT) periods.
Please describe how your district already meets or is planning to meet this standard within 12 months of plan submission.

The district has deployed a carrier class firewall capable of traffic shaping, bandwidth throttling of internet traffic. Additionally, the district has invested in multiple internet service providers with a total aggregate bandwidth of 2000 Mbps.

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	8,865	886.50	2000	(No Response)	Currently Met

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.

Through its long standing technology committee which is made up of various stakeholders (students, staff, parents and community members), the district continuously receives feedback on its network systems. The wireless network was designed to support a 3:1 ratio of devices to users. The district continues to monitor traffic on its wireless network. Based on the reports of the wireless traffic, the district makes necessary adjustments to its wireless network. Additionally, the district has performed upgrades to its wireless network to provide better user experience.

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.

Classroom Learning Technology

Page Last Modified: 09/22/2021

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

The District is planning to purchase Chromebooks to support its 1:1 technology plan. The District's network infrastructure supports Windows, Android, Chrome, and Apple devices. The Chromebooks are managed by the District's Google Management console. The district has adequate electrical, air conditioning, and back up batteries to support its network operating system.

Smart Schools Investment Plan - Revised - LCSD Phase IV Classroom Technology

Classroom Learning Technology

Page Last Modified: 09/22/2021

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.

   The district's plan is to purchase Chromebooks to support a 1:1 student technology model. Our model is as follows: Grades K-4: Chromebooks in carts for classrooms; Grades 5-12: Students to take the Chromebooks between home and school.
   Enhance differentiated instruction
   The purchase of Chromebooks will increase the district's capacity to provide greater access for our students to use district instructional technology programs, such as iReady Reading and Math, Edmentum, Naviance, IXL Language Arts and Math, Learning A-Z, Read 180, Ellevation, Google Read and Write. Additionally, the district has subscirbed to apps such as, Kami, Edpuzzle, Screencastify, Seesaw and others.These instructional technology programs allow our students to work at their own pace and at their prescribed learning levels. Additionally, our teachers are able to create differentiated instructional activities that meet the needs of their students. In the 2020-2021 school year, the district implemented Google Classroom. Students use the Google Classroom platform to interact with teachers, receive instructional materials, and assessments.
   i-Ready Reading and Math, a web based adaptive program is implemented in grades K-8. iReady helps to identify our student's instructional level in reading and math. Our students are assessed at different times in the school year. Students' results are analyzed by the district and the schools' data team. Administrators, teachers, learning specialists, and instructional coaches use the data to plan effective lessons and appropriate instructional support for the students.
   Our high school uses Edmentum, a web based learning platform that helps the students with learning and credit recovery. Through this program, our students are able to work at their own pace and instructional levels.
   Our high school students are using Naviance in grades 9-12. Starting with our 9th graders, students enrolled in the Academy of Career Exploration (ACE) use Naviance to learn about careers, college, resume writing, and other competencies. Our high school students also use Naviance to help them navigate the college and career process. The distict has also done extensive work with our Junior high school to utilize Naviance in grades 7-8.
   IXL Language Arts and Math is used in grades 7-12 as a diagnostic and learning tool. IXL provides data on students' performance. Data team reviews the data to identify students who are in need of additional support.
   Expand students' learning outside the classroom
   All of the instructional technology resources mentioned above are web based. Students have access to them outside of the school day. Students who are receiving Chromebooks as part of the district's 1:1 technology plan will also benefit from having access to technology outside of the school day.
   Benefit students with disabilities
   Our special education students have instructional resources to support their instructional levels and IEP (Individualized Educational Plan). For example, speech-to-text enables students to use their voice to type, edit and format a document. This technology resource is available through Google Docs. All of our special education students have a G Suite account.
   The district uses Read and Write primarily with our special education students. Read and Write for Google provides word processing support tools to assist students with reading, writing and comprehension skills. Additionally, the program has a feature, word prediction which helps students with proper spelling, grammar, and vocabulary. Those tools can help students with special needs develop confidence and greater independence.
   Longwood Special Education students who are non-verbal or have limited functional communication skills have been highly successful when given access to a tablet computer that has communication applications. Our students use the apps Proloquo2Go, Touchchat or Words for Life.
   Bookshare is an online library of digital books for individuals with qualifying disabilities. Many of our students who cannot read traditional print

Smart Schools Investment Plan - Revised - LCSD Phase IV Classroom Technology

Classroom Learning Technology

Page Last Modified: 09/22/2021

books because of visual impairment, physical disability or severe learning disability, access electronic books through Bookshare. Additionally, the app Read2Go is an accessible ebook reader app that lets students read books through their Bookshare account.

The table below shows additional instructional applications used by our Special Education Department to support the needs of our SWD (Students with Disabilities).

Software	Grade Level	Description
Bookshare	K-12 Special Education	Electronic Books
Boardmaker	K-12 Special Education	Visual Supports for communication
Fast Forword	Speech	Reading / Language Intervention
Hearbuilder	Speech	Phonological Awareness/ Language Intervention
Read 180/ System 44	3-6 Special Education	Reading Intervention
Read & Write for Google Chrome	K-12 Special Education	Digital Literacy Tools

English Language Learners
The District subscribes to RAZ-Plus a component of Learning A-Z, which offers the following resources designed for English Language Learners: Leveled Reader Packs; Content Picture Packs; Language Skill Packs; Vocabulary Packs and Assessments.
The use of Chromebooks will build our capacity to provide greater access for our ELLs (English Language Learners) to access those programs.
Additionally, the district uses Ellevation,a platform that organizes information and data, provides teachers and administrators with the tools to support our English Language Learners.
Equitable Access to instruction, materials, and assessments for SWD and English Language Learners
The district has Chromebooks carts in our K-4 schools that are designated for the special education students. The special education teachers use those carts to support their students' learning. Additionally, Chromebooks or ipads are assigned to students based on their IEPs (Individualized Educational Plan), and appropriate apps are provided to students to meet their IEPs.
Special education and English Language Learner students who are in grades 6 and 10 receive a 1:1 Chromebook as part of the district's 1:1 student technology roll out plan.

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.**

A major district's initiative is for all teachers to set up a Google Classroom. The Chromebooks will provide students with greater access to their Google Classroom and to other instructional technology resources. Through the Google Classroom, teachers are able to provide assignments, assessments and embed instructional resources. The Google Classroom helps to facilitate communication between students and teachers. The Google Classroom platform will also help to enhance communication between teachers and parents.
Other programs to improve students' achievement provide opportunities for ongoing communication between the school and parents. Students in grades 7-12 will use the Chromebooks to access Naviance to help them prepare for college and career. Naviance is a web-based college and career readiness platform that enables students to learn about careers, academic planning, and college preparation. Naviance Family Connection's module provides parents with the tool to assist their child with planning for post-secondary career and academic planning.
Additionally, our elementary students will use the Chromebooks and the G Suite platform to work on collaborative research projects with their peers in other schools within the district and outside of the district. In past years, parents were invited to the schools to view their students' work.
The district is part of Eastern Suffolk BOCES Model Schools and Suffolk ASSET (Association of Suffolk Supervisors for Educatioal Technologies). Our instructional support coaches, technology coaches, and the Director of Technology will continue to work towards building collaboration in-district and outside of the district to leverage technology resources to build strong relationships among all of our stakeholders; teachers, students, administrators and parents.

Smart Schools Investment Plan - Revised - LCSD Phase IV Classroom Technology

Classroom Learning Technology

Page Last Modified: 09/22/2021

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.

Administrators

In the 2020-2021 school year, the district provided the following professional development sessions for its administrators. The goal was to make sure that the administrators were knowledgeable in the instructional technology tools that are being used by teachers and students. The district is committed to continue to provide effective professional development to support its instructional goals. We will use the district instructional coaches, technology coaches and ESBOCES Model Schools to support our professional development plan.

Topic(s)	Participants	Delivery Method
Google Classroom is not just for teachers! See how you can use Google Classroom with your staff or stakeholders to: • Access content • Communicate • Streamline information • Organize student or faculty resources	District and building administrators	Virtual
Start, schedule, and join video meetings using Google Meet. Connect with colleagues, staff, and community members with the ability to share your screen and record sessions. Learn the features of Google Meet that will allow you to have successful and easy video conferences.	District and building administrators	Virtual
Screencastify is an extension for the Chrome browser that allows you to create screencasts and videos using your web camera. Videos can be automatically saved to your Google Drive.	District and building administrators	Virtual
Edpuzzle unlocks the power of videos through simple editing tools and dazzling student data. The process is simple - find a video, add questions and assign it to your class.	District and building administrators	Virtual
Kami is an online document annotation and markup tool. You can highlight, underline, and strikethrough text in PDF and other document formats. You can also add text boxes, shapes, and images. Kami works with Google Drive and Google Classroom. With Kami, you can easily collaborate on documents while avoiding the hassles of printing documents.	District and building administrators	Virtual

Teachers

In the 2020-2021 school year, the district provided the following professional development sessions for its teachers. The goal was to make sure that

the teachers have the knowledge in the instructional technology tools to support students' learning. The district is committed to continue to provide effective professional development to support its instructional goals. We will use the district instructional coaches, technology coaches and ESBOCES Model School to support our professional development plan.

Topic(s)	Participants	Delivery Method
Learn how to use Classroom to manage coursework, organize assignments, boost collaboration, and foster better communication.	Teachers	Virtual
You can use Google Meet for online class meetings. If you use Classroom, each class has a dedicated video meeting link that teachers and students can use to join class meetings. NEW* Host controls now allow teachers to limit screen sharing and chat.	Teachers	Virtual
Learn how to make screencasts and videos using Screencastify! Teachers make learning more personal in their blended and flipped classrooms by recording: • Full and/or bite-sized lessons • Assignment solutions and explanations • Verbal student feedback	Teachers	Virtual
EdPuzzle- Make any video of your lesson! Choose a video, give it your magic touch and track your students' comprehension. Introduce students to self-paced learning with interactive video lessons. It's easy to add your own voice narration and questions!	Teachers	Virtual
With Kami, students can annotate on ebooks, publisher-supplied PDFs, worksheets and more. Kami tools boost students' creativity by allowing them to draw freely and annotate with a selection of colors, shapes and text sizes. Teachers can markup, discuss and provide feedback using Kami's text, audio, and video annotation tools.	Teachers	Virtual
Seesaw creates a powerful learning loop between students, teachers, and families. Students show learning. It has built-in annotation tools to capture what students know in Seesaw's digital portfolio. Teachers gain insights and deep understanding of student thinking and progress. In addition, it has a family connection component. Families may gain access to their child's learning and engage with the school events	Teachers	Virtual

Clerical Staff
In the 2020-2021 school year, our clerical staff received training in the following programs. The district will continue to support their training by using ESBOCES Model Schools.

Smart Schools Investment Plan - Revised - LCSD Phase IV Classroom Technology

Classroom Learning Technology

Page Last Modified: 09/22/2021

Topic(s)	Participants	Method of Delivery
An Introductory Course to Google Sheets. Participants will learn how to create, edit and share spreadsheets using the web-based spreadsheet application known as Google Sheets. Please select your desired session to attend if interested.	Clerical	Virtual
Learn how to use Google Forms to create online polls, surveys, and assessments. This online course will introduce Google Forms basics; how to create a form, add questions, apply formatting to personalize your form, share with others and view your results. Come find out how Google Forms can make data collection easier! Please select your desired session to attend if interested.	Clerical	Virtual
An Introductory Course to Google Docs. Participants will learn how to create, edit and share documents using the web-based word processing application known as Google Docs. Please select your desired session to attend if interested.	Clerical	Virtual
An Introduction to Google Meet and Google Calendar. This is a beginning workshop for those who have little to no experience using Google Meet or Calendar and wish to learn how to organize and set up their Google Meets as well as how to create and share events in their calendar. Please select your desired session to attend if interested.	Clerical	Virtual
Search for Students - Advanced, Searching for Groups of Students, Working with Groups of Students (Creating a list), Using Group Functions, Searching Log Entries	Clerical	Virtual

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.**

SUNY Stony Brook

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

631-632-7066

Smart Schools Investment Plan - Revised - LCSD Phase IV Classroom Technology

Classroom Learning Technology

Page Last Modified: 09/22/2021

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.**

Robert M. Mangione, Ed. 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.

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. Repeat to add another item under each type.	Item to be Purchased	Quantity	Cost per Item	Total Cost
Tablet Computers	Chromebooks	5,974	391.54	2,339,059.96
Other Costs	Chromebooks Warranty	5,974	203.10	1,213,319.40
Other Costs	Google Management	5,976	30.00	179,280.00
		17,924	**624.64**	**3,731,659**

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

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	9,050	0	9,050.00	0.00

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

	Public School Sub-Allocation	Estimated Nonpublic Loan Amount (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	(No Response)	0.00	0.00
Tablet Computers	3,731,659.36	0.00	3,731,659.36
Other Costs	(No Response)	0.00	0.00
Totals:	**3,731,659.36**	**0**	**3,731,659**

Smart Schools Investment Plan - Revised - LCSD Phase IV Classroom Technology

Pre-Kindergarten Classrooms

Page Last Modified: 09/22/2021

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. 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)
Totals:	**0.00**

Smart Schools Investment Plan - Revised - LCSD Phase IV Classroom Technology

Replace Transportable Classrooms

Page Last Modified: 09/22/2021

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. 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

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)
Totals:	0.00

Smart Schools Investment Plan - Revised - LCSD Phase IV Classroom Technology

High-Tech Security Features

Page Last Modified: 09/22/2021

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. 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 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)
Totals:	**0.00**