

Smart Schools Investment Plan - 2016-17 Version (Original) - One to One and STEAM

SSIP Overview

Page Last Modified: 11/13/2017

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

Susan Casali

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

631-474-8100

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

scasali@comsewogue.k12.ny.us

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.

First submission

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

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

 District Educational Technology Plan Submitted to SED and Approved

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

By checking the boxes below, you are certifying that you have engaged with those required stakeholders. Each box must be checked prior to submitting your Smart Schools Investment Plan.

- Parents
 Teachers
 Students
 Community members

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

- Yes
 No
 N/A

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

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

Smart Schools Investment Plan - 2016-17 Version (Original) - One to One and STEAM

SSIP Overview

Page Last Modified: 11/13/2017

- 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.

BOE - March 6, 2017 Agenda - SSIP Approval.pdf
 BOE - March 6, 2017 Meeting Minutes - SSIP Approval.pdf
 BOE - February 6, 2017 Meeting Minutes - SSIP Draft Approval.pdf
 BOE - February 6, 2017 Agenda - SSIP Draft Approval.pdf
 Smart Schools Investment Plan (Update).pdf

- 5b. Enter the webpage address where the final Smart Schools Investment Plan is posted. The Plan should remain posted for the life of the included projects.

<http://www.comsewogue.k12.ny.us/smart-schools-bond-information>

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

4,200

- 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:

\$2,813,720

- 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	0
Connectivity Projects for Communities	0
Classroom Technology	1,809,435
Pre-Kindergarten Classrooms	0
Replace Transportable Classrooms	0

Smart Schools Investment Plan - 2016-17 Version (Original) - One to One and STEAM

SSIP Overview

Page Last Modified: 11/13/2017

	Sub-Allocations
High-Tech Security Features	0
Totals:	1,809,435

Smart Schools Investment Plan - 2016-17 Version (Original) - One to One and STEAM

School Connectivity

Page Last Modified: 11/13/2017

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)

	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	(No Response)	(No Response)	(No Response)	(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 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?")

(No Response)

Smart Schools Investment Plan - 2016-17 Version (Original) - One to One and STEAM

School Connectivity

Page Last Modified: 11/13/2017

- 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. 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
(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. 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	(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

- 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,

Smart Schools Investment Plan - 2016-17 Version (Original) - One to One and STEAM

School Connectivity

Page Last Modified: 11/13/2017

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

Smart Schools Investment Plan - 2016-17 Version (Original) - One to One and STEAM

Community Connectivity (Broadband and Wireless)

Page Last Modified: 10/19/2017

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.

Smart Schools Investment Plan - 2016-17 Version (Original) - One to One and STEAM

Community Connectivity (Broadband and Wireless)

Page Last Modified: 10/19/2017

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 - 2016-17 Version (Original) - One to One and STEAM

Classroom Learning Technology

Page Last Modified: 11/22/2017

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 upgraded and is in the process of upgrading necessary infrastructure components, such as its firewall, core main building switches, server farm, and fail-over capabilities to live back-ups. In addition the district currently provides bandwidth of 900Mbps, which will meet this standard.

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

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

2. Connectivity Speed Calculator (Required)

	Number of Students	Multiply by 100 Kbps	Divide by 1000 to Convert to Required Speed in Mb	Current Speed in Mb	Expected Speed to be Attained Within 12 Months	Expected Date When Required Speed Will be Met
Calculated Speed	3,630	363,000	363	900	Same	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.

The Comsewogue School District has wireless saturation throughout the 6 buildings. There are currently over 240 Aerohive AP230 802.11ac dual radio wireless access points managed over cloud based controllers. We maintain this infrastructure through our existing budget.

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.

Smart Schools Investment Plan - 2016-17 Version (Original) - One to One and STEAM

Classroom Learning Technology

Page Last Modified: 11/22/2017

- 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.**

Chromebooks and STEAM equipment will be purchased and placed in classrooms or computer labs which have existing electrical, wiring and HVAC. We are updating the technology being used with STEAM focused devices and technology.

Smart Schools Investment Plan - 2016-17 Version (Original) - One to One and STEAM

Classroom Learning Technology

Page Last Modified: 11/22/2017

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?")

Our instructional technology integration plan is designed to meet specific objectives, which further our vision and help to achieve the mission of the Comsewogue School District. The objectives have been selected with intent to position technology as the seamless platform where learning takes place. We will offer all students, general education, special education and English language learners, 21st Century skills and learning opportunities that are independent of time and location. This requires us to rethink every aspect of our education system. It demands that we teach students to be problem solvers and effective collaborators. Students have the opportunity to be actively engaged in their learning through the support of a wide variety of technology infrastructure, computer and device hardware as well as support staff. A big part of our plan is the 1:1 Chromebook initiative throughout the district and now the introduction of STEAM technology tools. We will look critically at our pedagogy and how we can move to more active learning in student-centered classrooms. Students engaged in active learning are making their own meaning and constructing their own knowledge in the process. The role of the teacher shifts from the teacher as the provider of educational services to student-as-worker - "sage on the stage" to the "guide on the side." Technology will be a catalyst in this move to student-centered learning. All of our planning, teaching, and assessing is centered around the needs and abilities of students. We will provide a learning environment that supports the strengths and needs of individual learners, preparing students to be college and career ready. Technology enables teachers to provide students with resources to meet their individual learning styles. 1:1 Chromebooks and STEAM labs in all of our schools will allow students to construct knowledge through exploration. We are also implementing a consortium model within our high school which will be supported by collaborative and exploratory technology tools. These goals and initiatives will dramatically change the way we teach and the way students learn and open the door to a collaborative environment and a true community and global connection.

Our instructional technology integration plan has been designed to meet the needs of all students, especially with regard to students with disabilities, language learning differences, and struggling or at-risk students.

Currently, all students at the high school level and the vast majority at the middle school level, including English language learners and students with disabilities, use Chromebooks. Special features and applications for the Chromebooks allow for English language learners and students with disabilities to fully participate in their education, access the curriculum, and demonstrate their knowledge. Students with learning disabilities and a variety of other disabilities use text-to-speech and speech-to-text applications, voice recognition, and enlarged fonts on a daily basis. "OK Google" and access to various websites assists students with researching and locating information outside of the classroom. Some activities for English language learners and students with disabilities are: building vocabulary through individualized visual dictionaries, differentiating assignments with varied sources and leveled materials, using film clips to engage in vocabulary and comprehension, personalizing apps to best suit needs of each child, taking virtual field trips to build experiences and background knowledge, listening to podcasts to improve comprehension and fluency, communicating online with pen pals in native language and other English language learners, partaking in interactive web quests, video conferencing to practice speaking and listening skills and listening to audio books.

General, special education and English language learner teachers currently use a variety of programs to differentiate instruction and provide struggling students with access to the curriculum. Reading A-Z is used to locate material at a student's lexile, thereby ensuring that all students have reading material that they can understand. Various links such as Readability and OpenDyslexic are being used to create documents that are easier to read (without distracting items on the page). The global use of the Chromebooks ensures that students with disabilities and English language learners receive their materials in alternative formats at the same time that other students in the class receive their materials. Additionally, various features of Google Classroom enhance collaboration between all students, as well as students who are homebound (Google hangouts).

Special education and English language learner teachers are always included in all professional development activities and PD is also offered

Smart Schools Investment Plan - 2016-17 Version (Original) - One to One and STEAMClassroom Learning Technology

Page Last Modified: 11/22/2017

to general education teachers that ensures that all are responsive to the pedagogical needs of all students. This includes all Google Suite/Chromebook training and will include all STEAM training. Teachers in each department and at each grade level collaborate to design instruction that meets the needs of all students and that promotes higher level thinking for all students. Future discussions will focus on how STEAM resources and Chromebooks can assist faculty in continuing to reach these goals.

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.**

We will continue to enhance our students 21st Century skills and learning opportunities that are independent of time and location. These goals and initiatives will dramatically change the way we teach and the way students learn and open the door to a collaborative environment and a true community and global connection. At Comsewogue we use Google for Education (GfE) which allows students to access their information and instructional tools at school or away from any device. With GfE we integrate Google Classroom which makes the connection to these tools even more seamless.

Smart Schools Investment Plan - 2016-17 Version (Original) - One to One and STEAM

Classroom Learning Technology

Page Last Modified: 11/22/2017

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."

Professional Development - At Comsewogue we have a dedicated Technology Integration Specialist working with administrators and teachers delivering workshops, push-in sessions and one on one appointments. We also have our Library Media Specialist working in their buildings with teachers on technology project planning. The Teacher Integration Specialist, Library Media Specialists and the Instructional Technology administrator work closely to plan and integrate technology throughout the curriculum.

PD offerings will include:

EdPuzzle - Flipped Learning Videos - Flipped Learning is a new concept that allows students to learn the material via online video and then have more time to practice it in class. You can also have online discussions. You don't have to flip everything, maybe just a unit, or a particular assignment. YouTube and EdPuzzle. Come see what it's all about!

BrainPop - Come explore some exciting new features included in Comsewogue's Brainpop subscription. BrainPop has more content for teachers to use directly in their classroom, with assessments and activities to accompany every video and topic.

Creating your Own Content Videos - You don't need to have expensive or complicated software to make your own videos for your class. With a simple microphone and a device you can make your own videos for your students to use as a review, absent, or for a flipped learning model. Come see how easy it is to begin!

Kahoot, Quizizz and Plickers - As teachers, we are always looking for quick instant feedback from our students. Kahoot is a great way to make that process fun and engaging. Quizizz is similar to Kahoot but you can have the students complete it for homework. Plickers is a student response system that works with only one device for the class. Come check them all out.

Quizlet For Studying - Want to create study or vocabulary lists for students? Want to easily turn them into a review game or quiz. No worries - Quizlet can do both! Quizlet is a free website that gives you the power to have students review vocabulary that you designate or create their own. Check out Quizlet at this workshop

EdTech Resources: What's new and Exciting! - On the web there are so many tools out there, how do you find the best ones and stay on top of them all? Fear not, if you come to this workshop you will learn the best ones for your grade-level or content area.

Wizer.Me Worksheet and Other Cool Tools - Wizer.Me is a free tool for teachers to make cool, interactive online worksheets for their students. Interactive resources online can provide your students a blended learning experience without a lot of legwork in advance. In addition, complimentary tools and apps will be explored in conjunction with Wizer and Google Apps for Education. Participations will see the benefit of making their worksheets, quizzes and assessments digital and interactive.

Google Hangouts and Virtual Field Trips - Want to take a virtual field trip? Want to connect with an expert in the field or a book author? What about connecting to a random classroom in the United States to learn about them and where they are from? Google Hangouts is a free, fast and easy way to accomplish these goals.

Chromebooks and Getting the Most of Google Chrome - Are you and/or your students using Chromebooks in the classroom? Want to know all the tips, tricks and best practices for using Chromebooks in the Classroom? Come to this workshop where we will explore the best ways to leverage chromebooks in the classroom as well as apps and extensions you can install to improve the functionality of Chrome and the Chromebook

Google Classroom and Google Drive - Google Classroom is quickly becoming a must-have tool for teachers. Come to this workshop to see the best ways to use this tool and leverage Google Drive to help foster collaboration and student workflow. In addition, we will explore best practices, tips and tricks and few other add-ons and apps that make Google Classroom even better.

Google Forms - Collect Data and Make Quizzes in a Few Easy Steps - Google Forms is one of the most powerful tools in the Google Apps suite. You can use it to collect data from others or give a quiz to your students. All data is collected automatically in a spreadsheet. In this workshop, we will make several types of forms and explore some of the great add-ons, like flubaroo, and others so you can get the most of Google Forms. Come ready with some ideas so we can help develop them during the session.

The New Google Sites- Looking to make a Google Site for your Teacher webpage, the new Google Sites is a great tool. It's fast and easy. It leverages the power of Google Drive, Calendar, YouTube and others to bring you great tools to make your website dynamic and easy to update.

Gmail, Contacts, Google Calendar - The Exciting Transition from Outlook - Gmail, Contacts, Google Calendar will allow everyone to have everything in one place. No longer will you need two accounts as single-sign-on will seamlessly allow users to be able to use your email and

Smart Schools Investment Plan - 2016-17 Version (Original) - One to One and STEAM

Classroom Learning Technology

Page Last Modified: 11/22/2017

calendar alongside Google Drive, Sites and Classroom. Gmail has some great features that helps categorize email and reduce the clutter. With Google Calendar you can share your calendars with colleagues or students for assignments. Having your contacts setup in Gmail will help you be able to email others and students easily. Come to this workshop so you will be ready for the exciting transition!

NEWSELA: Reading for Lexile Levels - Starting this year, Comsewogue has purchased a subscription to NEWSELA! Newsela is a fantastic reading comprehension website that curates news daily articles and rewrites them at different lexile levels for the students. It also has guided questions for each article and allows you to create your own class and monitor student progress. Come check it out!

Learning A-Z: RazKids, Science, ETC - Comsewogue now has a Learning A-Z subscription for all elementary and middle school teachers. This expands upon the popular RazKids tool and gives more options for teachers to assign readings and monitor student progress. Come see how you can use Learning A-Z in your classroom today!

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 Stony Brook

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

631-632-7067

- 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. Craig Markson

10. **A district whose Smart Schools Investment Plan proposes the purchase of technology devices and other hardware must account for nonpublic schools in the district.**

Are there nonpublic schools within your school district?

- Yes
 No

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

Comsewogue met with Sunshine Prevention Center and based on the formula calculated that Sunshine Prevention Center would be entitled to \$1250.00. We consulted with them and based on the discussion Sunshine Prevention Center determined they would like to have two mounted Smart TVs to be used to connect devices and allow the students/teachers pull up information to share in the classrooms to be used for instruction. Sunshine Prevention will be required to request the device by June 1st annually. The North Shore Christian School closed.

We have included the enrollment for this school in the Nonpublic Classroom Technology Loan Calculator, however, due to meeting the \$250 maximum, the total nonpublic loan is based only off the remaining, existing school.

- 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.

Smart Schools Investment Plan - 2016-17 Version (Original) - One to One and STEAM

Classroom Learning Technology

Page Last Modified: 11/22/2017

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	1,809,435	3,670	52	3,722	250	1,250

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	(No Response)
Computer Servers	(No Response)
Desktop Computers	(No Response)
Laptop Computers	921,040
Tablet Computers	(No Response)
Other Costs	888,395
Totals:	1,809,435

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

Smart Schools Investment Plan - 2016-17 Version (Original) - One to One and STEAM

Classroom Learning Technology

Page Last Modified: 11/22/2017

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
Laptop Computers	ACER R751t Chromebooks	2,320	397	921,040
Other Costs	Bretford 36U Charging Carts	121	1,825	220,825
Other Costs	Makerbot 3D Printers	12	3,000	36,000
Other Costs	HP Sprout	90	3,200	288,000
Other Costs	VR Stations - HTC Vive	30	786	23,580
Other Costs	Smart TV 55 Inch for Non PUB	1	1,250	1,250
Other Costs	Google Expedition	19	9,500	180,500
Other Costs	Chromebook License and Fees	2,320	30	69,600
Other Costs	GTX Backpack	30	2,288	68,640

Smart Schools Investment Plan - 2016-17 Version (Original) - One to One and STEAM

Pre-Kindergarten Classrooms

Page Last Modified: 11/09/2017

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 - 2016-17 Version (Original) - One to One and STEAM

Pre-Kindergarten Classrooms

Page Last Modified: 11/09/2017

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 - 2016-17 Version (Original) - One to One and STEAM

Replace Transportable Classrooms

Page Last Modified: 11/09/2017

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 - 2016-17 Version (Original) - One to One and STEAM

High-Tech Security Features

Page Last Modified: 11/09/2017

- 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)

- 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)

- Was your project deemed eligible for streamlined Review?

- Yes
 No

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

Name	License Number
(No Response)	(No Response)

- 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

- 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)