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

Michael Ferraro

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

3153686850

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

mferraro@uticaschools.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.

First submission

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

☑ District Educational Technology Plan Submitted to SED and Approved

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

☑ Parents
☑ Teachers
☑ Students
☑ Community members

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

☑ Yes
☐ No
☐ N/A

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

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

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5a. Please upload the proposed Smart Schools Investment Plan (SSIP) that was posted on the district's website, along with any supporting materials. Note that this should be different than your recently submitted Educational Technology Survey. The Final SSIP, as approved by the School Board, should also be posted on the website and remain there during the course of the projects contained therein.

UCSD SSBA Public.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.uticaschools.org/Page/5595

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.

9,715

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:

$9,678,419

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	1,710,810
Connectivity Projects for Communities	0
Classroom Technology	3,718,700
Pre-Kindergarten Classrooms	0
Replace Transportable Classrooms	0
High-Tech Security Features	0
Totals:	**5,429,510**

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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 had already accomplished this level of standard. The district's student enrollment on BEDS day of 2014-15 was 9715. Each of the buildings within the district is configured with a 10Gbps uplink to the high school. The high school then connects to OHM BOCES via a 1 Gbps link.

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	9,715	971,500	971.5	1024	1024	Meets Standard

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

Technology infrastructure would be enhanced and updated at Utica City School Schools, including wireless connection at all academic buildings. The Utica City Schools runs a wide area network via 10GB fiber from Proctor High School to each building location in a hub and spoke configuration.
Presently the district deploys 2 Cisco wireless access controllers. One controller serves the High School with the second controller managing the Middle and Elementary Schools.
The smart schools bond funding will be used to enhanced and updated the wireless controllers to meet the 802.11ac Wave 2 Standards and the added access points. The existing power and data infrastructure was expanded in all buildings through a major capital improvements project. The Smart School Bond Act funding will build from and expand internal components and connections as necessary to support new technology and devices. Scope will include data infrastructure expansion and cabling for new components proposed as part of the Smart Schools Bond Act.
Presently the district has 802.11n compatible access points. The smart bonds funding will be used to fill in any gaps of Wi-Fi coverage and enhance the Wireless Access points to meet the 802.11ac Wave 2 standard. Access points and cabling will be upgraded and installed to expand upon the district's existing wireless network to every academic classroom and common areas. This increase in wireless coverage is designed to meet the increasing demand of having a Chromebook Cart in every classroom and preparation for online assessments across the district.

4. Describe the linkage between the district's District Instructional Technology Plan and the proposed projects. (There should be a link between your response to this question and your response to Question 1 in Part E. Curriculum and Instruction "What are the district's plans to use digital connectivity and technology to improve teaching and learning?)

The Smart Schools Bond investment will allow the Utica City Schools to expand learning opportunities for all our students by increasing access to technological resources. We intend to purchase Chromebooks for Special and Regular Education students. In addition, we intend to buy a Touch Accessible Platform Device for Special Education and all students, as well as units to keep the devices charged.
This funding is directly linked to and supports our District Instructional Technology Plan. Some of the major initiatives in our Technology Plan are:
Supplementary Information from NYSED Technology Survey
Current, emerging and future technology, including hardware, web based applications, and software will be evaluated and applied to the goals and needs of the district as identified in the district technology plan and school improvement plans. Data driven decisions will be made from a variety of resources in an effort to increase achievement of the Common Core State Standards (CCSS) and improve school accountability factors such as discipline and attendance. The UCSD will implement innovative practices that encourage students to stay in school, address students with varying learning styles and assist those with special needs. Acquisition of grade appropriate, up to date technologies in sufficient quantities to accommodate student and staff needs for instruction and assessment will be determined through annually meetings and surveys throughout the school year.
SY 2016-17: Piloted Chromebooks at Proctor HS and Donovan MS.
Teachers will evaluate the effectiveness of Chromebooks in the classroom.
Students will be able to take online assessments.
SY 2017- 18 Expand Chromebook to additional classrooms at Donovan and Proctor; add JFK MS classrooms to the Chromebook initiative.
Continue evaluation of the effectiveness of using Chromebooks in the classroom.
Additional students will be able to take online assessments.
SY 2018-19 Expand Chromebook to additional classrooms at Proctor HS, Donovan MS, and JFK MS. Start implementing Chromebooks at the Elementary Schools
Teaching staff will have access to resources required for effective use of technology as teaching and learning tools.
Additional students will be able to take online assessments.

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

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

The district determined the total number of wireless devices currently does not support a 1 to 1 initiative. SSBA funds are being used to fill in the gaps were wireless does not support this initiative. These funds will be to unsure all areas have the proper Wi-Fi coverage and provide higher density AP's in our areas of heavy traffic. SSBA funds will be used to upgrade the district wireless controllers and AP to the latest wireless standards.

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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
41-23-00-01-7-999-BA1
(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?

Yes

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

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

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

Name	License Number
Jeffrey Kloetzer	33741
(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	851,060
Outside Plant Costs	0
School Internal Connections and Components	666,920
Professional Services	126,000
Testing	(No Response)
Other Upfront Costs	(No Response)
Other Costs	66,830
Totals:	**1,710,810**

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

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this is the case. If you have any questions, please contact us directly through smartschools@nysed.gov.
NOTE: Wireless Access Points should be included in this category, not under Classroom Educational Technology, except those that will be loaned/purchased for nonpublic schools.
Add rows under each sub-category for additional items, as needed.

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
Network/Access Costs	Cisco Aironet Wireless Access Point	803	690	554,070
Network/Access Costs	Cisco Adder License	803	100	80,300
Network/Access Costs	Network Switch Rack	3	2,000	6,000
Network/Access Costs	Cisco 5520 Wireless Controller and Backup plus power supply	2	9,530	19,060
Network/Access Costs	Cisco Switch- Catalyst 2960x	51	3,680	187,680
Connections/Components	Cable Support	1	10,500	10,500
Connections/Components	CAT 6 Jack	400	12	4,800
Network/Access Costs	APC Smart-UPS	5	790	3,950
Professional Services	Architect and Engineer Fees	1	96,000	96,000
Professional Services	Consultant Fees - Clerk of the Works	1	30,000	30,000
Connections/Components	#24/4pr CAT 6 cable	250,000	3	612,500
Connections/Components	Terminate, Test and Label Cat 6 Drop	400	26	10,320
Connections/Components	Cutting/Patching/Firestopping	1	14,000	14,000
Other Costs	Project Incidentals	1	66,830	66,830
Connections/Components	CAT 6 Jumper Cable	400	37	14,800

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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.

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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)

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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 had already accomplished this level of standard. The district's student enrollment on BEDS day of 2014-15 was 9715. Each of the buildings within the district is configured with a 10Gbps uplink to the high school. The high school then connects to OHM BOCES via a 1 Gbps link.

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	9,715	971,500	971.5	1024	1024	Meets Standard

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.

Technology infrastructure would be enhanced and updated at Utica City School Schools, including wireless connection at all academic buildings.
The Utica City Schools runs a wide area network via 10GB fiber from Proctor High School to each building location in a hub and spoke configuration.
Presently the district deploys 2 Cisco wireless access controllers. One controller serves the High School with the second controller managing the Middle and Elementary Schools.
The smart schools bond funding will be used to enhanced and updated the wireless controllers to meet the 802.11ac Wave 2 Standards and the added access points.
Presently the district has 802.11n compatible access points. The smart bonds funding will be used to fill in any gaps of Wi-Fi coverage and enhance the Wireless Access points to meet the 802.11ac Wave 2 standard. Access points and cabling will be upgraded and installed to expand upon the district's existing wireless network to every academic classroom and common areas. This increase in wireless coverage is designed to meet the increasing demand of having a Chromebook Cart in every classroom and preparation for online assessments across the district.

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

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

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

Starting in 2010, through a multi-year district wide capital improvement project, the electrical and HVAC systems in all school buildings have been upgraded and improved to meet the requirements of current and emerging technology including all devices that are planned to be implemented through this program. All district systems have the ability to support the devices and are compatible. The district is purchasing Chromebooks with Power Charging Carts in this SSIP. With the purchase of these Chromebooks the district has been building a Google for Education domain. These devices are designed to work in conjunction with our learning management system, giving students 24/7 access to the content being provided by their teachers and resources available on the internet. The wireless infrastructure has been addressed as part of this SSIP. The District intends to purchase interactive display (whiteboards) to replace the existing outdated SMART interactive whiteboard technologies. There is no additional infrastructure needed to install the interactive displays (whiteboards).

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6. Describe how the proposed technology purchases will:

- **> enhance differentiated instruction;**
- **> expand student learning inside and outside the classroom;**
- **> benefit students with disabilities and English language learners; and**
- **> contribute to the reduction of other learning gaps that have been identified within the district.**

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

This proposed purchase of Chromebook Carts will allow us to move closer to a 1 to 1 environment within the walls of our schools. Based on the literature and our experience, "anytime, anywhere learning" is a rapid accelerator for learning for all students, especially Special Education and English Language Learners. In a 1 to 1 environment teachers can truly differentiate instruction.

Chromebooks in conjunction with our learning management system will give students 24/7 access to valuable content from the teachers and the abundant amount of information available from internet sources. Studies also show that these types of devices increase the amount of student engagement in the classroom and at home. Providing a Chromebook Cart in every classroom increase the ability for students to work collaboratively with other students within their class, school, district, state, nation and world. Students can collaborate in a virtual environment without being physically near each other increasing the amount of collaboration time beyond the traditional class period. These devices in conjunction with our learning management system and Google to Apps and Extensions allow for electronic transfer of assignments and online assessments. This electronic transfer allows for quicker feedback from teachers on how students are doing. These devices allow our teachers the opportunity to explore "flipped classroom" environments where much of the students learning is done outside of the classroom allowing the teacher more time for differentiated instruction when the students come back to class. Applications and extensions associated with Google for Education also allow differentiated instruction for students by presenting material to the student at their own pace and ability level. Chromebooks are a vehicle for assistive technology for our students with disabilities and ELL students. The devices allow programs such as Google translate, Co:Writer, and SNAPP that will provide access to the curriculum for these students. Increasing access to these devices allows our students a greater opportunity to practice, remediate, and reinforce instruction. Since these devices are internet driven it is easier to integrate subjects and real world issues.

Supplementary Information from NYSED Technology Survey

UCSD districts' instructional technology plan addresses the access needs for all students, including those with disabilities. Students in special education are recognized as part of the total school district population who need access to instructional technology as well as specialized services which may include Assistive Technology (AT). Recognition of the AT needs of students with disabilities is part of district-wide technology planning (e.g., providing access to specialized software and hardware on the school network or purchasing academic courseware and online assessments that are built in an open environment that allow the use of AT). Students with disabilities may require assistive technology solutions in order to participate in and benefit from the general education curriculum. As a result, general education teachers work collaboratively with special education teachers, related service providers, speech-language pathologists, occupational and physical therapists, and parents to identify and implement support strategies that are appropriate for students based on their unique needs.

Assistive Technology service and devices are reflected by a continuum from consultation, brainstorming, low tech devices, evaluation, training and implementation of highly specialized software or devices. Assistive Technology can be classified according to the task for which it is helpful:

A. Computer Access
B. Motor aspects of writing
C. Augmentative Communication
D. Reading
E. Learning / Studying
F. Math G. Recreation and Leisure
H. Activities of Daily Living
I. Control of the Environment
J. Mobility
K. Vision
L. Hearing

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M. Vocational

The Utica City Schools has an English Language Learners (ELL) Department focused on implementing resources to meet the diverse needs of its student population. ELL students in particular benefit from the reinforcement of vocabulary and concepts through pictures, graphics and video. Research based instructional strategies support the significant of ELL students being able to access technology to express themselves in a learning environment that is; visual, interactive, comfortable, non-threatening and familiar. Technology helps ELL students find a voice, easing the transition to a new language. This plan is designed to help Increase access to technology providing differentiated instruction not just for the ELL students, but the entire student population of the Utica City Schools.

Many of the obstacles to implementing differentiated instruction can be overcome with the effective use of technology. Teachers will have ready access to more options as a result of the wide range of software and hardware tools available. Technology can equip teachers to address students' needs in an almost limitless number of ways, through content input, learning activities, and opportunities to demonstrate comprehension.

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

The District will to continue to use communication technologies, including email, the district web site, and other electronic applications to stay in touch with and to share information with parents and the rest of the community. Student access to web-based applications will enhance student learning. Parents are strongly urged to review student progress on these applications. By parents getting involved with what the student is doing in school it increases communication and collaboration between home and school. The collaborative nature of Google Apps for Education increase the ability for students to work with other students within their class, school, district, state, nation and world. Students can collaborate in a virtual environment without being physically near each other increasing the amount of collaboration time beyond the traditional class period. The camera built in to these devices allow for face to face collaboration meetings with other students anywhere in the world.

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."

UCSD has a comprehensive professional development plan. The Utica City Schools Teachers Center offers workshops and collegial circles to support teacher use of technology in the classroom. Faculty and staff also participate in Model Schools and other training initiatives offered by the Oneida-Herkimer-Madison BOCES and the Mohawk Regional Information Center (MORIC). The district utilizes an online program called My Learning Plan to assist staff in signing up for professional development and tracking the courses taken.

Sample courses offered;

StaffTracc, Integrating Data into Classroom, Chromebooks in the Classroom, Google Apps for Education (GAFE), Google Docs, Google Sheets, Google Slides, Google Drive, Google Classroom, Flip Classroom, Smart Notebook, Edmodo, Teachers Webpages, Assistive Technologies.

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 Cortland

9b. Enter the primary Institution phone number.

607-753-5431

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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.

Andrea Lachance, Dean of the School of Education

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.

All students attending non-public schools are eligible to receive loans of classroom technology equal on a per pupil basis to the per pupil amounts spent on classroom technology for public school students (up to $250 per pupil). All non-public schools will be required to submit a request for devices by June 15 of each year.
The District notified all non-public schools in October 2016 of their eligibility for technology loans similar to the process for textbooks, computer hardware, and software. The notification included the due date by which requests must be received by the district. The district followed up this this meeting up with a letter explain the process, allowable expenditure amounts and due dates.

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

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

11. Nonpublic Classroom Technology Loan Calculator

The Smart Schools Bond Act provides that any Classroom Learning Technology purchases made using Smart Schools funds shall be lent, upon request, to nonpublic schools in the district. However, no school district shall be required to loan technology in amounts greater than the total obtained and spent on technology pursuant to the Smart Schools Bond Act and the value of such loan may not exceed the total of $250 multiplied by the nonpublic school enrollment in the base year at the time of enactment.

See:

http://www.p12.nysed.gov/mgtserv/smart_schools/docs/Smart_Schools_Bond_Act_Guidance_04.27.15_Final.pdf.

	1. Classroom Technology Sub-allocation	2. Public Enrollment (2014-15)	3. Nonpublic Enrollment (2014-15)	4. Sum of Public and Nonpublic Enrollment	5. Total Per Pupil Sub-allocation	6. Total Nonpublic Loan Amount
Calculated Nonpublic Loan Amount	3,718,700	9,715	686	10,401	250	171,500

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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	972,000
Computer Servers	0
Desktop Computers	0
Laptop Computers	1,998,000
Tablet Computers	0
Other Costs	748,700
Totals:	**3,718,700**

15. Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category. This is especially important for any expenditures listed under the "Other" category. All expenditures must be capital-bond eligible to be reimbursed through the SSBA. If you have any questions, please contact us directly through smartschools@nysed.gov.
Please specify in the "Item to be Purchased" field which specific expenditures and items are planned to meet the district's nonpublic loan requirement, if applicable.
NOTE: Wireless Access Points that will be loaned/purchased for nonpublic schools should ONLY be included in this category, not under School Connectivity, where public school districts would list them.
Add rows under each sub-category for additional items, as needed.

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be Purchased	Quantity	Cost per Item	Total Cost
Interactive Whiteboards	Interactive Display	162	6,000	972,000
Other Costs	Non-public Schools Funds	1	171,500	171,500
Laptop Computers	Dell 4GB Touch Cromebook	6,660	300	1,998,000
Other Costs	GOOGLE CHROME MANAGEMENT CONSOLE LICENSE, EDUCATION	6,660	25	166,500

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Select the allowable expenditure type. Repeat to add another item under each type.	Item to be Purchased	Quantity	Cost per Item	Total Cost
Other Costs	Dell Mobile Computing Cart PS2 Unmanaged	222	1,300	288,600
Other Costs	Dell Mobile Computing Cart - Upgrade Kit for Chromebook 11	222	550	122,100

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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.

Pre-Kindergarten Classrooms

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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)

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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)

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

(No Response)

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

Project Number
(No Response)

3. Was your project deemed eligible for streamlined Review?

- ☐ Yes
- ☐ No

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

Name	License Number
(No Response)	(No Response)

5. If you have made an allocation for High-Tech Security Features, complete this table.
Note that the calculated Total at the bottom of the table must equal the Total allocation for this category that you entered in the SSIP Overview overall budget.

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

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

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