Smart Schools Investment Plan - YPS-SSIP-CT1

SSIP Overview

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Group 1

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

Christopher M. Carvalho

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

914-376-8090

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

ccarvalho@yonkerspublicschools.org

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

First submission

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

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

☑   District Educational Technology Plan Submitted to SED and Approved

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

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

☑   Parents
☑   Teachers
☑   Students
☑   Community members

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

☑   Yes
☐   No
☐   N/A

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

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

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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.**

Smart Schools Investment Plan - Final Revision for Final Approval by Board of Trustees.pdf

PD Sampling and Overview 2016-2017Revised.pdf

Smart Schools Investment Plan - Final Draft.pdf

For Resolution Final Draft SSBA Learning Tools.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.yonkerspublicschools.org/smartschoolsbond

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.**

30,000

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:**

$23,965,851

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.**

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	Sub-Allocations
School Connectivity	0
Connectivity Projects for Communities	0
Classroom Technology	3,838,075
Pre-Kindergarten Classrooms	0
Replace Transportable Classrooms	0
High-Tech Security Features	0
Totals:	**3,838,075**

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School Connectivity

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Group 1

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)

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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**

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School Connectivity

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

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

Group 1

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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Community Connectivity (Broadband and Wireless)

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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)

Smart Schools Investment Plan - YPS-SSIP-CT1

Classroom Learning Technology

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Questions

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 Yonkers Public Schools has been providing a centrally located 1gbps circuit for Internet access for all of its schools. During the 2015-2016 E-Rate cycle, the District applied for an upgrade to 10gbps to its existing Internet circuit. The application was funded by E-Rate at our approved discount rate and we are in the process of finalizing the installation.   Based on the bandwidth that this new circuit will provide our approximately 27,000 students we will meet the current FCC requirements of 100mbps per 1,000 students. Additionally, this will provide us the scalability to increase the bandwidth in the future to meet the ultimate goal of the FCC, which is to provide 1gbps per 1,000 students.

   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	27,000	2,700,000	2700	1000	10000	April 30, 2017

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 Yonkers Public Schools has been providing wireless access to all of its schools since 2003, accessible by virtually every classroom District-wide. As a result of that, we began to see a growth in the number of wireless devices throughout the District. With the increased demand on the wireless network, an overhaul of the existing system became apparent. We prepared and submitted E-Rate applications to upgrade to a more robust system capable of supporting the wireless devices that were being used. In 2009 the District was fortunate to receive successful funding commitments from the E-Rate program giving us the ability, at a discounted rate, to upgrade the system to keep up with the growth and continued need for wireless access. Despite the fact that we were successful in upgrading our system, the demand outpaced the supply, and the need for another major overhaul of the wireless network, in an effort to keep supply ahead of demand, became necessary. During the 2015-2016 E-Rate cycle, we once again submitted an application for a wireless system with the ability to stay ahead of the demand. We were once again fortunate to successfully receive funding commitments to upgrade the existing wireless network. In addition to the wireless network, we also submitted an application to completely overhaul the entire infrastructure, which included virtually every switch throughout the District. This too was approved by the E-Rate program and we have been able to install all of the switches purchased and have completed the installation of the new wireless network.
   Additionally, again through the E-Rate program, we have upgraded our Wide Area Network from a 1gbps solution to a 10gbps. Lastly, we have upgraded the Internet access, which is provided to all schools via the District's Data Center, from a 1gbps circuit to a 10gbps circuit.

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.**

   The Yonkers Public Schools is seeking to purchase 4,950 laptop computers for its 39 schools. The laptops being sought are Hewlett Packard ProBook 640 G2, with an Intel i5 processor, 4gb of RAM and a 500gb hard drive. These are the same laptops that the District has been purchasing for our schools for the past several years and have been used successfully in our schools. They are being purchased in blocks of 30 to allow schools to provide whole class instruction and will be used in conjunction with existing hardware, both laptops and desktops. Many of our schools do not have the space needed to install a traditional computer lab with a full complement of 30 desktop computers. These laptops will provide flexibility and mobility for use throughout a school. Additionally, this positions the District to be on point with ensuring that adequate hardware resources are available for the imminent online testing New York State initiative. We will also be purchasing 151 charging carts each capable of housing 30 laptop computers for each block of 30 we are looking to purchase.
   Additionally, we are including the purchase of 121 Epson BrightLink 595WI Interactive Projectors with a wall mount and Wireless LAN module for classroom use. These projectors provide classrooms with the same interactivity as an Interactive Whiteboard at a fraction of the cost. Lastly, we will be including in our purchase, 271 document cameras and 130 stand-alone projectors for classroom use.
   We are also planning on, using a funding source other than SSBA funds, to purchase laptop computers, one for every teacher within the District.

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?"

   Yonkers Public Schools reflects a cohesive integration of technology in support of all content areas, Students with Special Education, English Language Learners, Assessment, and Technical Support in a coordinated system of guidance. Ever increasing alignment is reflected through the myriad of tools supporting differentiation and varied points of entry through software, hardware, and best instructional practices of 21st Century learners. Collaborative efforts ensure alignment of the needs of all district students, with a unique focus on needs of Students with Special Needs and English Language Learners. Plans reflect alignment with the Yonkers Public Schools District Strategic Plan, and 2015 – 2018 Technology Plans, which are designed to support equitable access for all students with emphasis on provision of supports targeting student achievement and individualized need. Included in this imperative is assurance of resources providing access to educational material, resources, and opportunities. Smart Schools Bond Act Learning Tools acquisition plans include provision of resources for Special Education classes, to further extend current resource provision of assistive devices per IEP specification and aligned supports of English Language Learners.

   Instructional Technologies, including learning tools and resources deepen areas of instructional opportunity through student production, engagement, and personalization. Examples include integration of Instructional Technology teaching and learning tools include digital assessment tools providing timely analysis, extended learning through in school and web based engaging technology activities and resources, emphasis on home/school resources, and forward thinking application of instructional technologies across all content areas reflecting current and emerging instruction. Further, Yonkers Schools Virtual Learning initiatives expand learning beyond the school day, as well as over weekends and holidays. Blended learning efforts include Yonkers Online Academy (YOA) courses and online learning communities; professional development on virtual resources and instructional techniques; cooperative design and analysis of resources and tools; active integration of Open Educational Resources (OER) through shared areas (Quick Links); workshops supporting students, staff and families; and fostering a professional learning environment in which stakeholders are partners in educational improvement through instructional technologies.

   Resources identified in the Smart Schools Learning Tools Acquisition Plan have been selected due to their propensity to increase access to instructional resources and student creation for learning in Whole Class, Small Group, and Individualized means. Further, Student Centered Active Learning (SCALE) through integrated technologies is fully aligned with supports of English Language Learners and Special Needs Students. Planning is based on whole school populations, relative largest grade projections to assure whole grade assessment efforts, and targeted support of Special Education classes to assure saturation of instructional access.

   Through our current application, laptops, projectors and document cameras have been identified as key items for purchase. Each school will receive a compliment of laptops, and associated carts, which provide access to the largest per-school population for each school to ensure equity provision of resources throughout the district and available resources for educational purposes, including assessment. The goal is expanded opportunity for students to work with laptops through project development and design on a regular basis, incorporating such tools as the district Learning Management Platform, and instructional fee-based and free software. Projectors and document cameras have been identified to provide classroom support for engaging content, including digital books, resources, and student presentations. Examples of software include Yonkers Online Academy (Moodle), EngageNY ELA and Math, Journeys (ELA), Study Island (varied content areas), Google Suite, video production, and other primarily web based resources. For example availability to the district media repository and constructive resource area, Safari Montage, will be enhanced through individualized student access. This will further support English Language Learners through the immediacy of resources in both English and Spanish; Special Education Students will have expanded access through closed captioning, speed controls, and a range of materials, further enhancing comprehension. Through both classroom shared resources and student devices, all schools will enrich learning experiences for General, Special and English Language Learner populations.

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

Yonkers Public Schools Learning Tools acquisition plans support existing technology-based Yonkers Online Academy and online learning resource efforts through school based development and support. Further, stakeholder outreach through school and District workshops are increasingly supported through provision of needed instructional resources District-wide. Through a multi-staged acquisition plan including computers and projection tools in stage 1, followed with analysis of initial acquisitions and continuing areas of need, with subsequent Stage 2 acquisitions targeting conferencing and accessibility opportunities.

Examples of extended support for stakeholders include:

- Yonkers Online Academy (YOA) - District LMS through a blended learning environment. A sampling of courses reflects 5th Grade Math and Science, Regents and Advanced Placement courseware, Instructional Areas for Staff, Students, Families;
- Open Educational Resources – District Quick Links through a Google Platform, EngageNY, GAFE, and other high quality OER areas;
- Home/School Connection – High quality media rich and engaging tools including Safari Montage Media and Creation Station, BrainPop Suite, Flix Suite, and other quality tools aligned to support district areas of need;
- Ongoing Development – Staff, students, and family support through Instructional Technology integration through school-based supports, grants, and partnerships in support of enriched integration of technology rich tools and instructional techniques;
- Consistent Continuous Improvement – Instructional Technology planning incorporates strategically designed and coordinated professional development, acquisition, analysis, and outreach, supporting ongoing promotion of best practices and highest quality effective techniques supporting knowledge development and educational opportunity.

Partnership supports include school based teams of learning leaders, trainers, and peer-to-peer support, thereby building district capacity, as well as partnerships ranging from Student Instructional Technology Leadership Teams, such as Yonkers Online Student Mentors, Parents partners providing school based afterschool supports in coding and digital arts; Corporation, Public, and Community Partners; Colleges and Universities. District community engagement and outreach efforts incorporate high levels of instructional technology awareness and integration, while extended access to technological resources at schools and community locations (including public libraries) provides expanded access.

Yonkers Public Schools District Strategic, Instructional Technology, and Professional Development Plans incorporate an aligned vision to strategically enhance instructional technology integration and online learning efforts of all learners to facilitate exponential growth of comfort and familiarity of such tools to foster and promote educational excellence and College and Career Readiness.

While these devices are primarily designed for students , they will be available to support family/parent workshops and PTA meetings It should be noted that family/parent communication is an essential component of Yonkers Public Schools, with school and district websites, home access guides for resources, and a family portal in development via the Home Access Center in eSchool Plus, our Student Information System. The Home Access Center will give parents/guardians the ability to access information about their students as it relates to their grades, attendance, report cards, school/classroom activities etc.

Parent workshops are offered both in person and through a blended format, with online on-demand learning modules as well as webinars designed to meet the schedule and flexibility needs of families. In addition, a component of the most recent district contractual agreement includes email for regular communications between teachers, administrators and parents.

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, a copy of the 2016-2017 workshop schedule is attached, supports the differentiated needs of learners, both staff and students, to enhance teaching and learning. Varied means of delivery ensure that an immersive approach enhances stakeholder comfort and engagement. A sampling of professional development opportunities include, but are not limited, to the following:
    • School based and District Wide Instructional Opportunities both in-person and online means;
    • Events, Conferences, Presentations;
    • Staff meetings including faculty, congruence, Principal, and team meetings in daytime, afterschool, weekend, and Summer learning experiences;
    • On demand resource provision through both district created, OER, and purchased services;
    • Embedded instruction and peer coaching;
    • Model courses and resources to support onboarding of new learning techniques and tools;
    • Development of shared knowledge and a shared learning community through both in-person and online means;
    • Communications through discussion boards, training materials, instructional resources, social media, newsletters, email and other means;
    • Workshops for staff and families.
    • newsletters, parent workshops, etc.
    Key to district capacity development is fostering district leadership in technology tools and techniques of Administrators, Teachers, and Students. Extending communication through College and Corporate Partnership via shared Partnerships and purchased services, as well as College, Community, and Corporate partners supporting professional development and model student engagement experiences through which learning is an immersive opportunity. This varied level, community approach, provides the opportunity to promote learning on varied levels, from multiple perspectives, to differentiate support in an ever-changing technologically rich world. A few of such experiences include student learning activities through a week long IBM Go TechKnow experience, after school and summer Computer Coding, STEAM, Robotics, and Online learning opportunities. Expanding teaching and learning through empowered student engagement is demonstration through a daylong district Tech Share conference, during which students are teachers, sharing with peers, families, and staff members, the meaningful technologies they feel empowered to teach.

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.

    Lehman College

    9b.   Enter the primary Institution phone number.

    718-960-8401

    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.

    Dean Deborah A. Shanley

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.**

 The Yonkers Public Schools shall make available, in accordance with the regulations set forth by the Smart Schools Bond Act of 2014 (SSBA), computer equipment for students attending non-public schools within the City of Yonkers.

 The statute declares that the District's responsibility in this endeavor is to provide an allocation up to $250.00 per student based on the District's budget for the Classroom Learning Technology category of the SSBA.

 All requests for computer hardware to be loaned to an individual institution *must* be communicated to the Yonkers Public Schools in writing *via email* to both:

 Christopher Carvalho
 ccarvalho@yonkerspublicschools.org
 and
 Lisa Perry
 lperry@yonkerspublicschools.org
 ALL REQUESTS MUST BE RECEIVED, IN WRITING, by June 30, 2017

 Included in the request, in addition to the requested hardware (*see below for eligible hardware*), should be:

 • A single point of contact identified by the requesting school for all requests made on behalf of the receiving school, including phone number, fax number and email address of contact person
 • Storage capabilities of the requesting school for the equipment on loan while school is not in session. Schools able to facilitate the storage of the equipment on loan shall make the Yonkers Public Schools aware of that ability
 • Those unable to house the equipment will be notified as to when the equipment is to be returned to the District

 All equipment will be asset tagged by Yonkers Public Schools personnel and added to the District's inventory. The inventory information for the equipment on loan to each school will be provided upon fulfillment of the request. The non-public schools must request use of the devices annually by June 1st. The equipment eligible for this loan program under the Smart Schools Bond Act Guidance document includes the following:

 • Interactive whiteboards (installation not included)
 • Computer Servers
 • Desktop, laptop and tablet computers
 • Other technology items that enhance teaching and learning

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.

Smart Schools Investment Plan - YPS-SSIP-CT1

Classroom Learning Technology

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	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	3,838,075	25,210	3,007	28,217	136	408,952

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	0
Computer Servers	0
Desktop Computers	0
Laptop Computers	2,833,380
Tablet Computers	0
Other Costs	1,004,695
Totals:	**3,838,075**

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.

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Classroom Learning Technology

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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	Epson BrightLink Interactive Projector	121	1,628	196,988
Laptop Computers	HP ProBook 640 G2	4950	572	2,833,380
Other Costs	Laptop Computer Charging Carts	151	1,943	293,393
Other Costs	Non-Interactive Projectors	128	555	71,040
Other Costs	Document Cameras	271	127	34,322
Other Costs	Non-Public Schools - UNDECIDED	1	408,952	408,952

Group 1

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.

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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)

Smart Schools Investment Plan - YPS-SSIP-CT1

Replace Transportable Classrooms

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Group 1

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 - YPS-SSIP-CT1

High-Tech Security Features

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Group 1

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)

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