Smart Schools Investment Plan - 2016-17 Version (Original) - Plainedge UFSD\Classroom Technology\Project

SSIP Overview

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

Dr. Guy J. Le Vaillant

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

5169927434

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

glevaillant@plainedgeschools.org

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

Supplemental submission

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

☑ District Educational Technology Plan Submitted to SED and Approved

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

SSIP Overview

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 2017-2018 (Published on Website).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://bit.ly/PSDSSBA

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.**

3,632

7. **An LEA/School District may partner with one or more other LEA/School Districts to form a consortium to pool Smart Schools Bond Act funds for a project that meets all other Smart School Bond Act requirements. Each school district participating in the consortium will need to file an approved Smart Schools Investment Plan for the project and submit a signed Memorandum of Understanding that sets forth the details of the consortium including the roles of each respective district.**

☐ The district plans to participate in a consortium to partner with other school district(s) to implement a Smart Schools project.

8. **Please enter the name and 6-digit SED Code for each LEA/School District participating in the Consortium.**

Partner LEA/District	SED BEDS Code
(No Response)	(No Response)

9. **Please upload a signed Memorandum of Understanding with all of the participating Consortium partners.**

(No Response)

10. **Your district's Smart Schools Bond Act Allocation is:**

$1,693,869

11. **Enter the budget sub-allocations by category that you are submitting for approval at this time. If you are not budgeting SSBA funds for a category, please enter 0 (zero.) If the value entered is $0, you will not be required to complete that survey question.**

	Sub-Allocations
School Connectivity	0
Connectivity Projects for Communities	0
Classroom Technology	676,945
Pre-Kindergarten Classrooms	0
Replace Transportable Classrooms	0
High-Tech Security Features	0
Totals:	**676,945**

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School Connectivity

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)

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

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

   (No Response)

6. **As indicated on Page 5 of the guidance, the Office of Facilities Planning will have to conduct a preliminary review**

of all capital projects, including connectivity projects.

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

Project Number
(No Response)

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

   Was your project deemed eligible for streamlined review?

   (No Response)

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

Name	License Number
(No Response)	(No Response)

9. **If you are submitting an allocation for School Connectivity complete this table.**

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

	Sub-Allocation
Network/Access Costs	(No Response)
Outside Plant Costs	(No Response)
School Internal Connections and Components	(No Response)
Professional Services	(No Response)
Testing	(No Response)
Other Upfront Costs	(No Response)
Other Costs	(No Response)
Totals:	0

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

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Community Connectivity (Broadband and Wireless)

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

N/A

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.**

N/A

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.

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)

Classroom Learning Technology

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 currently subscribes to Bo-Tie Network via the Nassau BOCES proving a 250MB connection. In addition, the district has directly subscribed for an additional 350MB of high speed connection via Cablevision/Lightpath at our redundant NOC in the MS and another 350MB connection at the HS NOC. Our total bandwidth currently is 950MB of high speed internet connectivity well above the SSBA guidelines. Although we already exceed the bandwidth requirement, we also have access to burstable additional bandwidth via BO-Tie (Nassau BOCES/Lightpath).

   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	2,957	295,700	295.7	350.0	950.0	Already Met

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

   We currently meet or exceed high-speed broadband and connectivity requirements. With the implementation of one of our SmartBond Project Submissions (Project #2) we are planning to upgrade the existing wireless infrastructure which will increase performance on our wireless network to support our growing mobile device technology initiatives including our extensive one to one iPad program and planned Chromebook one to one rollout using SmartBond funding.

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.**

In this plan, we are looking to purchase Chromebooks, to begin our 1:1 initiative with the 8th grade. We will also be purchasing virtual desktop replacements, which supports our 24/7 anytime/anywhere learning for students and faculty members. IPads, ZSpace and the robotics equipment with start the foundation to support classroom instruction and our growing STEAM initiatives. In each building, a STEAM lab is being built to better prepare students for higher education and arm them with the skills and knowledge they will need to be successful innovators in a 21st century workforce. The ZSpace allows students to learn by asking questions, gathering information, developing models, testing ideas, analyzing data, and developing conclusions. The robotics is hands-on STEM solution that combines the LEGO brick, classroom-friendly software, engaging standards-based projects and a discovery based approach. The robotics will introduce students to computational thinking and engineering principles in a fun and engaging way. All of our facilities and infrastructure will be able to support these devices.

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?"

    As part of the technology planning process, the district solicited feedback from the Special Education department as to how to best address the needs of students with disabilities. The district also presented the Technology Plan / Roadmap to the Board of Education during its public session in order to solicit feedback. The Board of Education adopted the plan at its public session. Goal 6 of the Technology Plan states that the district will have curriculum integration with flexible learning paths. Goal 7 states the district will provide personalized and blended online learning environments. These goals are intended to capture the unique needs of every child district-wide including our students with disabilities. We also offer specialized software for Students with disabilities including System 44, Read 180, and other adaptive technologies to meet the needs of all students. In the District's Technology Roadmap adopted by the Board of Education - Technology

    Goal #7 is to Provide Personalized & Blended Learning Environments and shall be available to target instruction for students using a variety of assessment data. Blended learning and online learning will allow for the delivery of, access to, and interaction with content in a convenient way that will promote learning and connected resources for all learners. Students will have personalized learning experiences targeted to that student's need based on assessments. For example, the District uses Apps to individualize instruction for grades 4 and 5. We also used tools such as Read 180 which uses blended learning for ELL and struggling learners in Grades 4-12 as well as IXL for mathematics instruction.

    Technology Goals:

    Goal #1: Enhance Access to Mobile Technology (24/7)

    Goal#2: Provide Interactive Multimedia Capabilities in Classrooms

    Goal#3: Enhance Technology Integration & Professional Development

    Goal#4: Provide Access to Electronic Resources for Information Fluency

    Goal#5: Transform the End User Experience via Virtualization

    Goal#6: Curriculum Integration and Flexible Learning Paths

    Goal#7: Provide Personalized & Blended Online Learning Environments

    Goal#8: Use Technology to Enhance Critical Thinking, Problem Solving, & Decision Making

    Goal#9: Use Technology Tools to Enhance Communication and Collaboration

    Goal#10: Use Technology to Enhance Creativity and Innovation

    Goal#11: Provide Students the Technology Tools & Proficiencies to be College & Career Ready

    Goal#12: Provide Teachers and Staff the Tools Necessary to Effectively Teach 21st Century Learners

    The Special Education Department as part of the CSE process (which takes place throughout the year) will identify and specify on a child's IEP the appropriate assistive technologies for that particular student's needs. Amplified Wireless Microphone Pendants for Classroom Teachers with to enhance the Smart Classrooms by amplifying the sound and having the ability to record audio lessons. This will be installed in areas where the assistive technology will benefit students.

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

    As part of our technology planning and our roadmap, the district uses and will expand the use of technology to promote ongoing communication with parents and other stakeholders. The district continues to expand on its Google Classroom initiatives. As part of the use of these funds, the district plans to equip its new STEAM/STREAM centers with advanced technology including video conferencing. It is our intent to utilize video conferencing as a way to create virtual partnerships to enhance our educational programs. The district intends to reach out to a variety of aerospace, engineering, and museums (such as The Cradle of Aviation) to enhance its partnerships in the area of STEAM.

8. **Describe the district's plan to provide professional development to ensure that administrators, teachers and staff can employ the technology purchased to enhance instruction successfully.**

   Note: This response should be aligned and expanded upon in accordance with your district's response to Question 1 of F. Professional Development of your Instructional Technology Plan: "Please provide a summary of professional development offered to teachers and staff, for the time period covered by this plan, to support technology to enhance teaching and learning. Please include topics, audience and method of delivery within your summary."

   The Plainedge School District uses a variety of methods to conduct professional development including but not limited to a classroom push-in model, Professional Learning Communities (PLC), Teacher Center courses, online learning, Superintendent s Conference Days, faculty meetings, BOCES courses, on-demand workshops. Topics have included: use of iPads to improve instruction, how to use the LMS, how to maximize your Interactive Classroom, Active Inspire Training, Using iMovie with students, Sponsored Nassau County Apps for instruction user meeting, Showme training, Nearpod Training, Kahoot training and other interactive tools including Google Apps, Splashtop, Mirror 360, and most recently our new Follett system. The district intends to utilize its new television production studio to develop instructor-led virtual lessons for on-demand instructional integration lessons and make it available on our Ensemble Video system.

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.

   State University of New York at Stony Brook

   9b. Enter the primary Institution phone number.

   631-632-7400

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

   Dr. Kenneth J. Lindblom

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 district has has discussions with its private schools and they have expressed an interesting in obtaining Classroom Technology. We are working with the private schools to procure devices for classroom technology. They are requesting a class set of iPads, 2 class sets of Chromeooks, and replacement projectors for the Smartboards. Non Publics will have to request the use of the devices annually by June 1st. The district is spending $42 above the requirement for the total nonpublic loan making the non-public loan amount $44,684.

   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	676,945	3,132	221	3,353	202	44,642

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	7,064
Computer Servers	(No Response)
Desktop Computers	50,500
Laptop Computers	180,090
Tablet Computers	150,975
Other Costs	288,316
Totals:	**676,945**

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
Desktop Computers	DELL Wyse P25/5030 Zero Client PC	202	250	50,500
Tablet Computers	Apple iPad Pro 12.9	40	1,385	55,400
Other Costs	Lego Education WeDo 2.0 Core Robitics Set	30	190	5,700
Laptop Computers	Dell Chromebook 3189 Touch/Convertable	510	259	132,090
Other Costs	Dell Chromebook Cart	5	1,065	5,325
Other Costs	Initial Zspace Training	5	2,400	12,000
Other Costs	Zspace Setup	2	1,800	3,600
Tablet Computers	Apple iPad Wi-Fi (5th Gen) 10-Pack	30	2,940	88,200
Other Costs	STM Case for iPad (5th Gen) 10-Pack	30	350	10,500
Laptop Computers	Dell Latitude 5590	30	972	29,160
Other Costs	Dell Mobile Computing Cart Unmanaged	1	1,501	1,501
Laptop Computers	Dell Chromebook 3189 Touch/Convertable with license- NON PUBLIC	60	314	18,840
Other Costs	Lock N Charge Storage Baskets for iPads - NON PUBLIC	5	343	1,715
Tablet Computers	Apple iPad Wi-Fi (6th Gen) - NON PUBLIC	25	295	7,375
Interactive Whiteboards	Epson PowerLite 535w Projector with mount - NON PUBLIC	8	883	7,064
Other Costs	DJI Spark Drone - NON PUBLIC	1	399	399
Other Costs	Littlebits - STEAM Packs - NON PUBLIC	1	1,701	1,701
Other Costs	Samsung SSD Drives - NON PUBLIC	30	93	2,790
Other Costs	iPad Lock n Charge 30 cart - NON PUBLIC	1	1,800	1,800
Other Costs	STM DUX Cases for 5th/ 6th Gen iPads - NON PUBLIC	25	50	1,250
Other Costs	Logitech Keys-to-Go Ultra Slim Keyboard with iPhone Stand- NON PUBLIC	25	70	1,750
Other Costs	12 STEM Stations includes zSpace 300, Studio, zView Camera Kit, 1 STEM Accessory Kit Includes 1 Year	2	75,050	150,100

Classroom Learning Technology

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be Purchased	Quantity	Cost per Item	Total Cost
	Hardware Warranty.			
Other Costs	zSpace Core License (12), zView license (1), STEM Learning Apps license (12) & VIVED Science License (12), Annual Bundle	2	23,085	46,170
Other Costs	1 zSpace 300 (AIO STEM PC), 1 Studio, 1 Eyewear 1 Clip-on 1 Stylus Mouse and Keyboard 1 Year Hardware Warranty	2	2,995	5,990
Other Costs	VIVED Science - Annual license per system	2	475	950
Other Costs	zSpace's Newton's Park, Franklin's Lab, Curie's Elements and Euclid's Shapes - Annual License/system	2	475	950
Other Costs	Extended warranty on all hardware components	2	295	590
Other Costs	Warranty on EDU-HW-PKG-12-00 for second and third year (first year is included in purchase)	2	15,200	30,400
Other Costs	Kit of 6 Leader Eyewear 20 Follower Eyewear (10 large, 10 small), 2 Clip-on, 1 Stylus for zSpace	2	1,568	3,135

Pre-Kindergarten Classrooms

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

(No Response)

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

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

(No Response)

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

(No Response)

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

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

Project Number
(No Response)

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

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

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

Smart Schools Investment Plan - 2016-17 Version (Original) - Plainedge UFSD\Classroom Technology\Project

Pre-Kindergarten Classrooms

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

Smart Schools Investment Plan - 2016-17 Version (Original) - Plainedge UFSD\Classroom Technology\Project

Replace Transportable Classrooms

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)

High-Tech Security Features

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)