

Smart Schools Investment Plan - 2016-17 Version (Original) - DFUFSD Update 3

SSIP Overview

Page Last Modified: 05/02/2018

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

Terance Huyter

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

914-693-1500 ext 3065

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

huyter@dfsd.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 occurred as part of a normal Board meeting, but adequate notice of the event must have been provided through local media and the district website for at least two weeks prior to the meeting.
-
-
- The district prepared a final plan for school board approval and such plan has been approved by the school board.
-
-
- The final proposed plan that has been submitted has been posted on the district's website.

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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.

DobbsFerrySSIPFinal.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.dfsd.org/Page/1959

- 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.

1,800

- 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:

\$367,973

- 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 | 250,856 |
| Connectivity Projects for Communities | 0 |
| Classroom Technology | 117,117 |
| Pre-Kindergarten Classrooms | 0 |
| Replace Transportable Classrooms | 0 |
| High-Tech Security Features | 0 |
| Totals: | 367,973 |

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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.

As established by the Smart Schools Bond Act Guidance a precondition to utilizing the SSBA funds requires that the District must ensure adequate Internet bandwidth to further expand wireless connectivity for classrooms and additional technology devices for classrooms. The minimum adequate Internet bandwidth is 100 Mbps per 1,000 students to support the inclusion of additional learning technology devices for the classroom.

The Dobbs Ferry UFSD has a TLS connection from its Internet Service Provider (ISP) The Lower Hudson Regional Information Center (LHRIC) with a contracted bandwidth of 200 Mbps and we are planning on using the funds to maximize our infrastructure and upgrade our internal connections from 1 Gbps to 10 Gbps capabilities in alignment with our Instructional Technology Plan approved by NYSED. The LHRIC has assured us of continuous support and additional bandwidth if required at times of demand such as distance learning, instructional technology activities and computer based testing.

The district has invested already in a 1 to 1 initiative for instructional devices. The SSBA funding will provide for necessary upgrades to the infrastructure, school connectivity and instructional devices to ensure equitable access to technology resources for all the 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 | 1,460 | 146,000 | 146 | 200 | 200 | Currently Met |

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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.

The goal of the Smart Schools Bond Act is to increase use of and access to educational technology to improve learning and opportunity for students. The Dobbs Ferry UFSD will use part of the allocations from the Smart School Bond funding for School Connectivity upgrades. On July 21, 2015, school community stakeholders met to discuss options for allocating our Smart Schools Bond Act award from New York State. The categories identified were School Connectivity and Classroom Technology:

School Connectivity category will cover the replacement of and or upgrades to:

- Wifi Access Points: We would upgrade and replace the Access Points to the latest model that would allow better connectivity for staff and student devices.
- Switches: Replacement of older switches to upgraded switches with GB speeds would provide the district with faster more stable environment.
- Server: Adding new and replacing servers would replace old outdated servers.
- Infrastructure Wiring: Upgrading to 10GB speeds would provide students and staff with faster speeds wired and wireless.

These funds would allow us to obtain and upgrade newer Wifi access points, switches Infrastructure wiring and Server. This would provide us with the infrastructure needed to provide students and staff with wireless and faster connectivity throughout our district. It would also provide teachers and students with the tools necessary to improve their teaching through technology.

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?")

As stated in our approved NYSED Instructional Technology Plan, the Dobbs Ferry Union Free School District is committed to the expanded use of technology as a means of improving teaching and learning.

- Enhanced digital connectivity and technology resources will allow teachers and students access to resources beyond the Dobbs Ferry schools via the internet.
- Students and teachers will be able to connect with learners throughout the world and bring that global perspective into classrooms.

Additionally, expanded connectivity and technology resources will support students as they have enhanced opportunities to express and communicate their learning to authentic audiences beyond the Dobbs Ferry community. Teaching and learning will also be enhanced as students are offered the opportunity provided via technology for real-time collaboration. These resources will support our commitment to 21st Century Learning and provide students with the skills necessary for success. By using these technologies, teaching and learning will be further enhanced as teachers are provided with the ability to connect with colleagues globally to share resources and lesson plans.

Using technology to accelerate learning and to bring the outside world into our classrooms will strengthen the teaching and learning experience for our students and school community.

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 Dobbs Ferry UFSD has a TLS connection from its Internet Service Provider (ISP) The Lower Hudson Regional Information Center (LHRIC) with a bandwidth of 200 Mbps and we are planning on using the funds to maximize our infrastructure and upgrade our internal connections from 1 Gbps to 10 Gbps capabilities in alignment with our Instructional Technology Plan approved by NYSED. Once we complete the school connectivity upgrades our existing Aerohive Access Points will be fully running standards 802.11 AC with throughput speeds of at least 1 Gbps and single-link throughput of at least 500 Mbps.

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.

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| |
|-----------------------|
| Project Number |
| 66-04-03-03-7-999-BA1 |

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 |
|------------------------|----------------|
| Erik James Wilson, AIA | 30521 |

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 | 180,065 |
| Outside Plant Costs | (No Response) |
| School Internal Connections and Components | 70,791 |
| Professional Services | (No Response) |
| Testing | (No Response) |
| Other Upfront Costs | (No Response) |
| Other Costs | (No Response) |
| Totals: | 250,856 |

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.**

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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 |
|---|--|----------|---------------|------------|
| Connections/Components | Furnish and install fiber, fiber trays, core holes, sleeves fire stop, conduits, straps, pull boxes, velcro, cable supports and terminate fiber ends at HS/MS | 1 | 48,360 | 48,360 |
| Connections/Components | Furnish and install 14 3M OM4 Patch Cables | 1 | 585 | 585 |
| Connections/Components | Furnish and install 14 5M OM4 Patch Cables | 1 | 780 | 780 |
| Connections/Components | Furnish and install sleeves and provide coring for TC7 in gym area | 1 | 1,950 | 1,950 |
| Connections/Components | Furnish and install access panels for TC7 3 needed | 1 | 591 | 591 |
| Connections/Components | Furnish and install fiber, fiber trays, core holes, sleeves fire stop, conduits, straps, pull boxes, velcro, cable supports and terminate fiber ends at SH Elementary School | 1 | 17,550 | 17,550 |
| Connections/Components | Furnish and install 12 3M OM4 Patch Cables | 1 | 390 | 390 |
| Connections/Components | Furnish and install sleeves and provide coring for TC3 | 1 | 585 | 585 |
| Network/Access Costs | Switches Appliances | 11 | 6,489 | 71,379 |
| Network/Access Costs | Access Points: We would upgrade and replace the Access Points to the latest model that would allow better connectivity for staff and student devices. | 109 | 639 | 69,651 |
| Network/Access Costs | Server | 1 | 20,211 | 20,211 |
| Network/Access Costs | Server Blade | 2 | 9,412 | 18,824 |

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Community Connectivity (Broadband and Wireless)

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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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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) |

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Classroom Learning Technology

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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.

As established by the Smart Schools Bond Act Guidance a precondition to utilizing the SSBA funds requires that the District must ensure adequate Internet bandwidth to further expand wireless connectivity for classrooms and additional technology devices for classrooms. The minimum adequate Internet bandwidth is 100 Mbps per 1,000 students to support the inclusion of additional learning technology devices for the classroom.

The Dobbs Ferry UFSD has a TLS connection from its Internet Service Provider (ISP) The Lower Hudson Regional Information Center (LHRIC) with a bandwidth of 200 Mbps and we are planning on using the funds to maximize our infrastructure and upgrade our internal connections from 1 Gbps to 10 Gbps capabilities in alignment with our Instructional Technology Plan approved by NYSED. The LHRIC has assured us of continuous support and additional bandwidth if required at times of demand such as distance learning, instructional technology activities and computer based testing.

The district has invested already in a 1 to 1 initiative for instructional devices. The SSBA funding will provide for necessary upgrades to the infrastructure, school connectivity and instructional devices to ensure equitable access to technology resources for all the 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 | 1,460 | 146,000 | 146 | 200 | 200 | Currently Met |

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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 Dobbs Ferry UFSD has a TLS connection from its Internet Service Provider (ISP) The Lower Hudson Regional Information Center (LHRIC) with a bandwidth of 200 Mbps and we are planning on using the funds to maximize our infrastructure and upgrade our internal connections from 1 Gbps to 10 Gbps capabilities in alignment with our Instructional Technology Plan approved by NYSED. Once we complete the school connectivity upgrades our existing Aerohive Access Points will be fully running standards 802.11 AC with throughput speeds of at least 1 Gbps and single-link throughput of at least 500 Mbps.

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 goal of the Smart Schools Bond Act is to increase use of and access to educational technology to improve learning and opportunity for students. The Dobbs Ferry UFSD will use part of the allocations from the Smart School Bond funding for School Connectivity upgrades. On July 21, 2015, school community stakeholders met to discuss options for allocating our Smart Schools Bond Act award from New York State. The categories identified were School Connectivity and Classroom Technology:

Classroom Technology category will cover the replacement of and or upgrades to:

- Smartboards: Upgrade and replace older boards to the latest model to help with teaching in the classroom.
- Chromebooks: Replacement and adding of Chromebooks for students use.
- Computers / Laptops: Adding and upgrading of desktop and laptop computers for the use in classrooms and throughout the district.

These funds would allow us to obtain and upgrade newer Smartboards, Chromebooks, Desktop Computers, Laptop Computers and devices for non public school.. This would provide us with the devices needed to provide students and staff with a better teaching and learning environment throughout our district. It would also provide teachers and students with the tools necessary to improve their teaching through technology.

All these new devices are compatible with our current facilities, electrical and HVAC systems. We don't expect any issues during implementation.

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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?")

The SSIP provides for the increased/replacement purchase of Chromebooks for all students as well as the upgrade/replacement of Desktop computers, Laptops and Smartboards throughout District. These are critical technology tools for our ELL learners. Students in grades 4-12 have individual Chromebooks for the use in school and also at home for students in Grades 7-12.

In alignment with our NYSED approved instructional technology plan, all students with disabilities are given equitable access to technologies at all grade levels. Students with disabilities and aligned with IEP requirements are given a variety of assistive technology options. Specific examples of software and apps used with ELLs and Students with Disabilities are:

Read, Write, Google; Book Share, Web Reader, Khan Academy, SpeakIT, Speech recognition, Typing Club and Screen Castify.

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.

SSBA funding will provide upgrades for our school connectivity and the use of instructional devices enhancing the level of communication with community stakeholders, teaching and learning in the classroom and facilitating access anywhere, anytime to instructional technology resources and information.

Our library media specialist will actively participate with classroom teachers providing distance learning opportunities for the students.

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- 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 District provides financial support for professional development for teachers at all grade levels and works closely with the Dobbs Ferry Schools Foundation to support teacher instructional practices which integrate technology into the classrooms. Professional development will support teachers ability to collaborate with colleagues. (New York State Professional Development Standard # 4)

| Topics | Audience | Method of Deliver and Summary |
|--|---|--|
| Designing professional development and addressing diverse learning needs; Evaluation | Teachers, administrators, and administrative assistants | Dobbs Ferry is committed to providing teachers with opportunities to expand their knowledge of the technology skills necessary to provide developmentally appropriate instructional strategies. Teachers and staff have many opportunities for professional learning. The District has monthly technology sessions which have been provided to teachers over the past four years. These menu driven sessions are designed to address staff learning needs that emerge from the administration of the Clarity survey each spring. This is consistent with the New York State Professional Development standard #1 which calls for job embedded learning that is based on needs identified in data. Currently, the District staff is engaged in professional learning around Google tools for education, including Google classroom. We have Google certified educators who "turn key" training with colleagues. |
| Content knowledge and quality teaching; Technology | Administrators, teachers | The district has added an emerging technology coach who works in the District two days each week. This provides teachers "just-in-time" classroom support as they try new technologies for student learning, and the coach works with the teachers to embed the technology purposefully into the curricula. Our teachers participate in the Rivertowns Consortium coordinated by the Teachers Center where they learn with their colleagues from surrounding Districts and where the turn-key best practices in technology integration. |
| Research-based professional learning and collaboration | Administrators, teachers, students | The district has ternal turn-key trainers and subscribes to the Model Schools and Emerging Technologies services offered by the Lower Hudson Regional Information Center. The foc is on research based models and teachers participate in professional learning communities, both on-site and online, and the district |

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| | | |
|--|--|---|
| | | promotes this with dedicated time each month. |
|--|--|---|

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 New Paltz

9b. Enter the primary Institution phone number.

845-257-2887

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.

Kiersten Greene

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 Dobbs Ferry UFSD, BOE and Community have approved the preliminary Smart Schools Investment Plan for the school district allocation of \$ 367,973 dollars for investment in instructional technology infrastructure, and classroom learning technology. The Dobbs Ferry UFSD SSBA allocation for Classroom Learning Technology is \$ 117,117 which will be shared with The Master's School, a Non-Public School in the geographical boundaries of Dobbs Ferry UFSD. The Calculated shared Non-Public School Loan Amount is \$36,520.

The Dobbs Ferry UFSD met with the Non-Public School in the geographical boundaries: "The Master's School" on 01/20/2017 and agreed to the funding source rules and regulations as well as sharing with the non-public school devices via a loan program up to the total non-public allocation of \$36,520.

The loaning program will establish an application process for a period of thirty days beginning on July 1 of every school year after funding is granted and purchases made. Once the application by non-public school is approved by the public school district, the technology will be available for loaning. These devices will remain property of the Dobbs Ferry UFSD. Every year the Dobbs Ferry UFSD will assign a district staff member to verify and confirm inventory control and status of devices at the non-public school premises. Smart Schools Bond Act Guidelines are located at: http://www.p12.nysed.gov/mgtserv/documents/SmartSchoolsBondActGuidance_AL5-16-16.pdf

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

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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 | 117,117 | 1,460 | 664 | 2,124 | 55 | 36,520 |

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 | 52,725 |
| Computer Servers | 0 |
| Desktop Computers | 2,960 |
| Laptop Computers | 24,912 |
| Tablet Computers | 0 |
| Other Costs | 36,520 |
| Totals: | 117,117 |

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 |
|---|-------------------------|----------|---------------|------------|
| Interactive Whiteboards | Interactive Whiteboards | 15 | 3,515 | 52,725 |
| Desktop Computers | Classroom Computers | 5 | 592 | 2,960 |
| Laptop Computers | Classroom Chromebooks | 54 | 240 | 12,960 |
| Laptop Computers | Classroom Laptops | 24 | 498 | 11,952 |
| Other Costs | Non Public | 1 | 36,520 | 36,520 |

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Pre-Kindergarten Classrooms

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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.

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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) |

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Replace Transportable Classrooms

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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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High-Tech Security Features

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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) |

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PPU Report

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