

Smart Schools Investment Plan - Revised - Smart Schools Investment Plan - Wappingers SSBA #5

SSIP Overview

Page Last Modified: 03/01/2023

Institution ID

800000053180

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

Art Schouten

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

8452985000

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

arthur.schouten@wcsdny.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.☒ Parents☒ Teachers☒ Students☒ Community members☐ This plan has been identified as a Remote Learning Plan and meets the criteria per the SSBA Guidance to be submitted and reviewed on an expedited basis, therefore the district did not consult with certain stakeholder groups including parents, teachers, students, community members and/or nonpublic schools in the district prior to submission of the application.

5. Did your district contain nonpublic schools in 2014-15?

☒ Yes☐ Yes, but they have all since closed, moved out of district or are declining use of SSBA funds☐ No

Smart Schools Investment Plan - Revised - Smart Schools Investment Plan - Wappingers SSBA #5

SSIP Overview

Page Last Modified: 03/01/2023

6. **Certify that the following required steps have taken place by checking the boxes below:**

- ☒ 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.
- ☐ This Plan has been identified as a Remote Learning Plan and meets the criteria per the SSBA Guidance to be submitted and reviewed on an expedited basis, therefore this plan has not met certain stakeholder engagement requirements including, consulting with nonpublic schools in advance of plan submission, having the school board conduct a hearing on the plan and/or posting the plan to the district website for a minimum of 30 days. This district will post the Remote Learning Plan to the district's website upon submission of the application.

- 6a. **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.**

SSBA Plan 5.pdf

- 6b. **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.**

<https://www.wappingersschools.org/Page/22343>

7. **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.**

13,000

8. **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.

9. **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) |

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

(No Response)

Smart Schools Investment Plan - Revised - Smart Schools Investment Plan - Wappingers SSBA #5

SSIP Overview

Page Last Modified: 03/01/2023

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

\$5,327,266

12. Final 2014-15 BEDS Enrollment to calculate Nonpublic Sharing Requirement

| | Public Enrollment | Nonpublic Enrollment | Total Enrollment | Nonpublic Percentage |
|------------|-------------------|----------------------|------------------|----------------------|
| Enrollment | 11,455 | 789 | 12,244.00 | 6.44 |

13. This table compares each category budget total, as entered in that category's page, to the total expenditures listed in the category's expenditure table. Any discrepancies between the two must **be resolved before submission**.

| | Sub-Allocations | Expenditure Totals | Difference |
|---------------------------------------|-----------------|--------------------|------------|
| School Connectivity | 381,810.00 | 381,810.00 | 0.00 |
| Connectivity Projects for Communities | 0.00 | 0.00 | 0.00 |
| Classroom Technology | 405,054.00 | 405,054.00 | 0.00 |
| Pre-Kindergarten Classrooms | 0.00 | 0.00 | 0.00 |
| Replace Transportable Classrooms | 0.00 | 0.00 | 0.00 |
| High-Tech Security Features | 0.00 | 0.00 | 0.00 |
| Nonpublic Loan | 54,197.79 | 54,197.79 | 0.00 |
| Totals: | 841,062 | 841,062 | 0 |

Smart Schools Investment Plan - Revised - Smart Schools Investment Plan - Wappingers SSBA #5

School Connectivity

Page Last Modified: 03/01/2023

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 Wappingers Central School District has already designed and built an infrastructure that meets or exceeds our bandwidth requirements with continued opportunity for expansion. We are currently running at rates that are nearly 50% higher than required with plans to expand our connectivity by another 50% within the next 12 months.

- 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). If the district currently meets the required speed, enter "Currently Met" in the last box: Expected Date When Required Speed Will be Met.

| | Number of Students | Required Speed in Mbps | Current Speed in Mbps | Expected Speed to be Attained Within 12 Months | Expected Date When Required Speed Will be Met |
|------------------|--------------------|------------------------|-----------------------|--|---|
| Calculated Speed | 11,100 | 1,110.00 | 1750 | 1750 | Currently Met |

Smart Schools Investment Plan - Revised - Smart Schools Investment Plan - Wappingers SSBA #5School Connectivity

Page Last Modified: 03/01/2023

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

It had been determined that we need to expand the number of wireless access points in each building by installing APs in each classroom thus improving reliability and efficiency.

The district has already used alternative funding to upgrade and expand our infrastructure at our four secondary schools following this model with great success. We are now seeking to upgrade our ten elementary buildings in a similar fashion.

This will allow us to expand the 1:1 initiatives that we have set forth in our technology plan as we move forward.

4. **Describe the linkage between the district's District Instructional Technology Plan and how the proposed projects will improve teaching and learning. (There should be a link between your response to this question and your responses to Question 1 in Section IV - NYSED Initiatives Alignment: "Explain how the district use of instructional technology will serve as a part of a comprehensive and sustained effort to support rigorous academic standards attainment and performance improvement for students.")**

Your answer should also align with your answers to the questions in Section II - Strategic Technology Planning and the associated Action Steps in Section III - Action Plan.)

In our District Instructional Technology Plan, we stated that the district plans "to use a combination of budgeted funding as well as Smart Schools Bond Act Funds to provide additional classroom resources for both staff and students. This includes the continued infusion of mobile technology (Chromebooks) across the K-12 learning environment as we begin to build out a 1:1 device initiative. Our goal is develop a traditional 1:1 program for grades 7-12 where students will be able to take the devices home while also providing enough devices in grades 4-6 to ensure there are enough devices n every classroom for each student. Legacy equipment will then be used in grades K-3 to also ensure they have enough devices in each room for every child as well.

At this time we have met or exceeded those goals. However, the implementation of said devices has had a negative impact on our network access and reliability due to the over-saturation of wireless access points which has limited connectivity. Therefore, in order for the district to correct this problem, we are seeking to increase the number of access points at our junior highs which will also allow us to re-purpose legacy equipment from both the junior highs and a previous project at our high schools to also increase connectivity at our elementary buildings.

Smart Schools Investment Plan - Revised - Smart Schools Investment Plan - Wappingers SSBA #5

School Connectivity

Page Last Modified: 03/01/2023

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.

Over the past several years, the Wappingers Central School District has been working to improve wireless connectivity throughout its schools. However, with the increased number of devices that have been deployed throughout the district, we need to expand the number of access points throughout our buildings to improve the reliability of our network. We have discovered that demand has saturated our current building-level infrastructure which has limited the capability of access points. Initially, we installed wireless access points at pre-determined points in each hallway. However, it had been determined that we need to expand the number of wireless access points in each building by installing APs in each classroom thus improving reliability and efficiency.

The district has already used alternative funding to upgrade and expand our infrastructure at our four secondary schools following this model with great success. We are now seeking to upgrade our elementary buildings in a similar fashion.

6. Smart Schools plans with any expenditures in the School Connectivity category require a project number from the Office of Facilities Planning. Districts must submit an SSBA LOI and receive project numbers prior to submitting the SSIP. As indicated on the LOI, some projects may be eligible for a streamlined review and will not require a building permit.

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

| |
|-----------------------|
| Project Number |
| 13-21-01-06-7-999-BA4 |

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

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

| | |
|---------------|----------------|
| Name | License Number |
| (No Response) | (No Response) |

9. Public Expenditures – Loanable (Counts toward the nonpublic loan calculation)

| Select the allowable expenditure type. Repeat to add another item under each type. | PUBLIC Items to be Purchased | Quantity | Cost Per Item | Total Cost |
|---|-------------------------------------|------------|-----------------|----------------|
| Network/Access Costs | Meraki Access Points and licenses | 330 | 1,067.00 | 352,110.00 |
| Network/Access Costs | Meraki Licensing | 330 | 90.00 | 29,700.00 |
| | | 660 | 1,157.00 | 381,810 |

Smart Schools Investment Plan - Revised - Smart Schools Investment Plan - Wappingers SSBA #5

School Connectivity

Page Last Modified: 03/01/2023

10. Public Expenditures – Non-Loanable (Does not count toward nonpublic loan calculation)

| Select the allowable expenditure type. Repeat to add another item under each type. | PUBLIC Items to be purchased | Quantity | Cost per Item | Total Cost |
|---|-------------------------------------|---------------|---------------|------------|
| (No Response) | (No Response) | (No Response) | (No Response) | 0.00 |
| | | 0 | 0.00 | 0 |

11. Final 2014-15 BEDS Enrollment to calculate Nonpublic Sharing Requirement (no changes allowed.)

| | Public Enrollment | Nonpublic Enrollment | Total Enrollment | Nonpublic Percentage |
|------------|-------------------|----------------------|------------------|----------------------|
| Enrollment | 11,455 | 789 | 12,244.00 | 6.44 |

12. Total Public Budget - Loanable (Counts toward the nonpublic loan calculation)

| | Public Allocations | Estimated Nonpublic Loan Amount | Estimated Total Sub-Allocations |
|--|--------------------|---------------------------------|---------------------------------|
| Network/Access Costs | (No Response) | 0.00 | 0.00 |
| School Internal Connections and Components | 381,810.00 | 26,298.39 | 408,108.39 |
| Other | (No Response) | 0.00 | 0.00 |
| Totals: | 381,810.00 | 26,298 | 408,108 |

13. Total Public Budget – Non-Loanable (Does not count toward the nonpublic loan calculation)

| | 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: | 0.00 |

14. School Connectivity Totals

| | Total Sub-Allocations |
|--------------------------|-----------------------|
| Total Loanable Items | 408,108.39 |
| Total Non-loanable Items | 0.00 |
| Totals: | 408,108 |

Smart Schools Investment Plan - Revised - Smart Schools Investment Plan - Wappingers SSBA #5

Community Connectivity (Broadband and Wireless)

Page Last Modified: 03/16/2022

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. Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category.

| 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) | 0.00 |
| | | 0 | 0.00 | 0 |

7. 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) |

Smart Schools Investment Plan - Revised - Smart Schools Investment Plan - Wappingers SSBA #5Community Connectivity (Broadband and Wireless)

Page Last Modified: 03/16/2022

| | |
|----------------|----------------|
| | Sub-Allocation |
| Totals: | 0.00 |

Smart Schools Investment Plan - Revised - Smart Schools Investment Plan - Wappingers SSBA #5

Classroom Learning Technology

Page Last Modified: 05/05/2022

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.

All of our schools are connected together via a high speed fiber network. This network is maintained by Crown Castle Fiber Networks (previously known at Lighttower). The district is contracted via our local BOCES at specific bandwidth rates that meets the needs of our current population (Our supply is greater than the demand). Should we require additional bandwidth to our schools we will simply order additional bandwidth via our contract with Crown Castle Fiber Networks.

- 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). If the district currently meets the required speed, enter "Currently Met" in the last box: Expected Date When Required Speed Will be Met.

| | Number of Students | Required Speed in Mbps | Current Speed in Mbps | Expected Speed to be Attained Within 12 Months | Expected Date When Required Speed Will be Met |
|------------------|--------------------|------------------------|-----------------------|--|---|
| Calculated Speed | 11,100 | 1,110.00 | 1750 | 1750 | 3/17/2016 |

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.

Our district maintains a mixed Cisco and/or Meraki-based WIFI solution which includes sufficient capacity at this time. This system is in place in all school buildings, but is expandable should we decide we need additional capacity.

Smart Schools Investment Plan - Revised - Smart Schools Investment Plan - Wappingers SSBA #5Classroom Learning Technology

Page Last Modified: 05/05/2022

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.**

Under this submission we are looking to ensure that we have Interactive Whiteboards and Displays In Every Classroom

- In the summer of 2016, the district installed 200 interactive displays to ensure that we had display technology in every classroom. We added another 200 boards during the 2021/22 school year, and we continue to install similar display technology in areas where current equipment is aging out and/or failing.
- The SSBAC has reached consensus that we need to provide equitable access to this technology in every classroom. The district also realizes that we still have a large number of classrooms where the existing technology is no longer functioning.

The Wappingers CSD SSBA Committee recommends we allocate \$405,054.00 (Budgetary figure based on 150 classrooms X \$2700 / classroom) of the SSBA funds to acquire interactive display boards and other display technology to ensure that all classrooms have adequate and equitable instructional technology resources in each classroom.

Electric Supply already exists at the front of every classroom. If for some reason it is deemed inadequate we will have our facilities department add an electrical outlet.

Smart Schools Investment Plan - Revised - Smart Schools Investment Plan - Wappingers SSBA #5Classroom Learning Technology

Page Last Modified: 05/05/2022

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?")

In addition, describe how the district ensures equitable access to instruction, materials and assessments and participation in the general curriculum for both SWD and English Language Learners/Multilingual Learners (ELL/MLL) students.

Please note: If this plan has been identified as a Remote Learning Plan to be submitted and reviewed on an expedited basis, the district should explain how this plan will facilitate remote and hybrid learning, in lieu of responding to the question above.

Availability: The WCSD strives for equity among departments, schools and students. To ensure that all learners have access to technology, the Technology Support Services staff and the Director of Technology, Testing and Assessment work cooperatively with principals, departmental coordinators, special education coordinators and administrators to balance the needs of our schools. Since 2016, we have been working to replace aging/failing equipment throughout the district. With the SSBA funds we have a great opportunity to remedy this situation. Lessons are enhanced via multimedia-rich presentation through the use of these tools. These visually rich lessons assist all learners in better understanding the context and content of the curriculum. Display technology will allow our classrooms to perform instant video conferences with other classrooms and places beyond our district. We have recently created technology-enhanced lessons in K-6 classrooms that include units where presenters in one class will conference with another class in another building so that they can learn from their peers (a goal of one of our technology-enhanced units). Not all classes can currently perform this activity due to the lack of technology in the class. The addition of interactive touch displays will create new opportunities for differentiated instruction. The software included with these devices provides multimedia-based interactive lessons that promote multi-modal methods of teaching to the understanding of the material. In addition, these displays can be used in centers based learning and small selective group project work. ELL, and Students with Disabilities will also benefit greatly from the addition of this classroom technology. The multi-modal learning experiences that this technology supports will bring additional opportunities to these learners. With this technology, learning is aided by media-rich lessons, which are fully interactive and help students who are language deficient or who have a disability overcome some of the obstacles they may face in a classroom without this technology.

Smart Schools Investment Plan - Revised - Smart Schools Investment Plan - Wappingers SSBA #5Classroom Learning Technology

Page Last Modified: 05/05/2022

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.**

Display technology will allow our classrooms to perform instant video conferences with other classrooms and places beyond our district. We have recently created technology-enhanced lessons in K-6 classrooms that include units where presenters in one class will conference with another class in another building so that they can learn from their peers (a goal of one of our technology-enhanced units). Not all classes can currently perform this activity due to the lack of functional technology in the class.

Smart Schools Investment Plan - Revised - Smart Schools Investment Plan - Wappingers SSBA #5

Classroom Learning Technology

Page Last Modified: 05/05/2022

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."

Please note: If this plan has been identified as a Remote Learning Plan to be submitted and reviewed on an expedited basis, the district should provide a statement confirming that the district has provided or will provide professional development on these devices to its staff, in lieu of responding to the question above.

It is the goal of the WCSD to provide professional development programs for instructional and non-instructional staff that sustains the district technology plan objectives by:

- Continuing to implement the ISTE standards with students, teachers and administrative staff.
- Providing district-created on-line resources such as our Technology Tutorial Videos for staff development.
- Continuing to provide in-service training through MLP to district staff members.

Topics include:

- Flipped Classrooms
- Blogging
- Teaching to the use of multiple devices
- Google apps for education
- Data-driven instruction
- Document camera, interactive displays, and other peripherals
- iPads and educational Apps
- Professional Learning Networks
- Strategies for supporting Digital Citizenship
- Student productivity & collaboration
- Formative assessments and devices that can support it

Method of Delivery:

- Inservice courses
- Faculty meetings
- Online district created resources
- Professional learning days
- Turn-Key training
- Conference based training
- Local District Technology Certification (ACIT)

Audience:

- All Faculty and Staff
- Students via classroom instruction via Technology Integration Specialists
- Parents / Students via online resources

Smart Schools Investment Plan - Revised - Smart Schools Investment Plan - Wappingers SSBA #5

Classroom Learning Technology

Page Last Modified: 05/05/2022

9. Districts must contact one of the SUNY/CUNY teacher preparation programs listed on the document on the left side of the page 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.

845-257-7869

- 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. 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.

11. 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.

12. Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category.

| 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 | Newline Interactive Displays | 150 | 2,700.36 | 405,054.00 |
| | | 150 | 2,700.36 | 405,054 |

13. Final 2014-15 BEDS Enrollment to calculate Nonpublic Sharing Requirement (no changes allowed.)

| | Public Enrollment | Nonpublic Enrollment | Total Enrollment | Nonpublic Percentage |
|------------|-------------------|----------------------|------------------|----------------------|
| Enrollment | 11,455 | 789 | 12,244.00 | 6.44 |

Smart Schools Investment Plan - Revised - Smart Schools Investment Plan - Wappingers SSBA #5

Classroom Learning Technology

Page Last Modified: 05/05/2022

14. If you are submitting an allocation for Classroom Learning Technology complete this table.

| | Public School Sub-Allocation | Estimated Nonpublic Loan Amount (Based on Percentage Above) | Estimated Total Public and Nonpublic Sub-Allocation |
|-------------------------|------------------------------|--|---|
| Interactive Whiteboards | 405,054.00 | 27,899.40 | 432,953.40 |
| Computer Servers | (No Response) | 0.00 | 0.00 |
| Desktop Computers | (No Response) | 0.00 | 0.00 |
| Laptop Computers | (No Response) | 0.00 | 0.00 |
| Tablet Computers | (No Response) | 0.00 | 0.00 |
| Other Costs | (No Response) | 0.00 | 0.00 |
| Totals: | 405,054.00 | 27,899 | 432,953 |

Smart Schools Investment Plan - Revised - Smart Schools Investment Plan - Wappingers SSBA #5

Pre-Kindergarten Classrooms

Page Last Modified: 03/16/2022

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 new 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. Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category.

| 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) | 0.00 |
| | | 0 | 0.00 | 0 |

6. 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 | |

Smart Schools Investment Plan - Revised - Smart Schools Investment Plan - Wappingers SSBA #5Pre-Kindergarten Classrooms

Page Last Modified: 03/16/2022

| | |
|--|----------------|
| | Sub-Allocation |
| | (No Response) |
| Enhance/Modernize Educational Facilities | (No Response) |
| Other Costs | (No Response) |
| Totals: | 0.00 |

Smart Schools Investment Plan - Revised - Smart Schools Investment Plan - Wappingers SSBA #5

Replace Transportable Classrooms

Page Last Modified: 03/16/2022

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. **Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category.**

| 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) | 0.00 |
| | | 0 | 0.00 | 0 |

5. **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: | 0.00 |

Smart Schools Investment Plan - Revised - Smart Schools Investment Plan - Wappingers SSBA #5

High-Tech Security Features

Page Last Modified: 03/16/2022

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. Smart Schools plans with any expenditures in the High-Tech Security category require a project number from the Office of Facilities Planning. Districts must submit an SSBA LOI and receive project numbers prior to submitting the SSIP. As indicated on the LOI, some projects may be eligible for a streamlined review and will not require a building permit. 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. Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category.

| 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) | 0.00 |
| | | 0 | 0.00 | 0 |

6. If you have made an allocation for High-Tech Security Features, complete this table.

Enter each Sub-category Public Allocation based on the the expenditures listed in Table #5.

| | |
|--|----------------|
| | 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: | 0.00 |

Smart Schools Investment Plan - Revised - Smart Schools Investment Plan - Wappingers SSBA #5

Non-Public Schools

Page Last Modified: 03/01/2023

1. Describe your plan to utilize SSBA funds to purchase devices and loan to the nonpublic schools within your district. Please specify what devices have been requested by the nonpublic schools. If the nonpublic schools have not finalized requests, the district should provide the date nonpublic schools will submit the request by.

Please note: If this plan has been identified as a Remote Learning Plan to be submitted and reviewed on an expedited basis, the district should state that they will reach out to the nonpublic schools upon submission of the application, in lieu of responding to the question above.

The Wappingers CSD has reached out to the nonpublics located within our district. The three schools are excited to be included in this opportunity (Faith Christian Academy moved out of our district in January 2014 and Spackenkill UFSD is including them in their SSIP per the SSBA nonpublic requirements. St. Mary's Wappingers closed in 2018). We have discussed with them their budget as described in our SSBA implementation plan.

This money will be made available to the non-public schools for the purchase of technology for their programs. However, at this time the non-public schools have not submitted their requests for technology and are undecided.

Nevertheless, our non-public schools must submit their device requests by the second Friday in June of the given year. Equipment requests must be made annually.

2. 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.

- 2a. Please enter the date each year nonpublic schools must request loanable items from the school district. This date cannot be earlier than June 1 of the previous school year.

6/2/2023

3. Final 2014-15 BEDS Enrollment to calculate Nonpublic Sharing Requirement (no changes allowed.)

| | Public Enrollment | Nonpublic Enrollment | Total Enrollment | Nonpublic Percentage |
|------------|-------------------|----------------------|------------------|----------------------|
| Enrollment | 11,455 | 789 | 12,244.00 | 6.44 |

4. Nonpublic Loan Calculator

| | Loanable School Connectivity | Loanable Classroom Technology | Additional Nonpublic Loan (Optional) | Estimated Per Pupil Amount - This Plan | Previously Approved Per Pupil Amount(s) | Cumulative Per Pupil Loan Amount | Final Per Pupil Loan Amount - This Plan | Final Total Loan Amount - This Plan |
|--|------------------------------|-------------------------------|--------------------------------------|--|---|----------------------------------|---|-------------------------------------|
| Required Nonpublic Loan | 408,108.39 | 432,953.40 | | 68.69 | 170.48 | 239.18 | 68.69 | 54,197.79 |
| Final Adjusted Loan - (If additional loan funds) | 408,108.39 | 432,953.40 | (No Response) | 68.69 | 170.48 | 239.18 | 68.69 | 54,197.79 |

5. Nonpublic Share

Smart Schools Investment Plan - Revised - Smart Schools Investment Plan - Wappingers SSBA #5

Non-Public Schools

Page Last Modified: 03/01/2023

| | Final Per Pupil Amount | Final Nonpublic Loan Amount |
|---------------------------------------|------------------------|-----------------------------|
| Pending and Previously Approved Plans | 170.48 | 134,512.41 |
| This Plan | 68.69 | 54,197.79 |
| Total | 239.18 | 188,710.20 |

6. Distribution of Nonpublic Loan Amount by School

| Nonpublic School Name | 2018-19 K-12 Enrollment | Special Ed School? If Yes, not eligible |
|----------------------------|-------------------------|---|
| RANDOLPH SCHOOL | 44 | No |
| ST DENIS/ST COLUMBA SCHOOL | 211 | No |
| ST MARY SCHOOL | 183 | No |
| (No Response) | (No Response) | (No Response) |

7. Please detail the type, quantity and per unit cost of the eligible items under each sub-category.

| Select the allowable expenditure type. Repeat to add another item under each type. | Items to be purchased | Quantity | Cost Per Item | Total Cost |
|---|-------------------------------------|----------|------------------|---------------|
| Other Costs | Undetermined Nonpublic Expenditures | 1 | 54,197.79 | 54,197.79 |
| | | 1 | 54,197.79 | 54,198 |