Smart Schools Investment Plan - Revised - WCSD - First Submission

SSIP Overview

Page Last Modified: 01/21/2022

Institution ID
800000035885

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

    Patrick Dee

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

        518-499-1772

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

        pdee@railroaders.net

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.

    ☑   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 - WCSD - First Submission

SSIP Overview

Page Last Modified: 01/21/2022

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 occured as part of a normal Board meeting, but adequate notice of the event must have been provided through local media and the district website for at least two weeks prior to the meeting.

☑ The district prepared a final plan for school board approval and such plan has been approved by the school board.

☑ The final proposed plan that has been submitted has been posted on the district's website.

☐ 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.**

Whitehall CSD Smart Schools Implementation Plan.pptx

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.railroaders.net/domain/60

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.**

736

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)

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

$872,121

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

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	736	0	736.00	0.00

Smart Schools Investment Plan - Revised - WCSD - First Submission

SSIP Overview

Page Last Modified: 01/21/2022

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	0.00	0.00	0.00
Connectivity Projects for Communities	0.00	0.00	0.00
Classroom Technology	289,975.00	289,975.00	0.00
Pre-Kindergarten Classrooms	0.00	0.00	0.00
Replace Transportable Classrooms	0.00	0.00	0.00
High-Tech Security Features	462,146.00	462,146.00	0.00
Nonpublic Loan	0.00	0.00	0.00
Totals:	**752,121**	**752,121**	**0**

Smart Schools Investment Plan - Revised - WCSD - First Submission

School Connectivity

Page Last Modified: 05/12/2022

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.

   (No Response)

   1a. If a district believes that it will be impossible to meet this standard within 12 months, it may apply for a waiver of this requirement, as described on the Smart Schools website. The waiver must be filed and approved by SED prior to submitting this survey.

   ☐ By checking this box, you are certifying that the school district has an approved waiver of this requirement on file with the New York State Education Department.

2. **Connectivity Speed Calculator (Required). 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	(No Response)	0.00	(No Response)	(No Response)	(No Response)

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

   (No Response)

4. **Describe the linkage between the district's District Instructional Technology Plan and 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.)

Smart Schools Investment Plan - Revised - WCSD - First Submission

School Connectivity

Page Last Modified: 05/12/2022

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

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

(No Response)

6. **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
(No Response)

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

Was your project deemed eligible for streamlined review?

(No Response)

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

Name	License Number
(No Response)	(No Response)

9. **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
(No Response)	(No Response)	(No Response)	(No Response)	0.00
		0	0.00	0

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	736	0	736.00	0.00

Smart Schools Investment Plan - Revised - WCSD - First Submission

School Connectivity

Page Last Modified: 05/12/2022

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	(No Response)	0.00	0.00
Other	(No Response)	0.00	0.00
Totals:	**0.00**	**0**	**0**

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	0.00
Total Non-loanable Items	0.00
Totals:	**0**

Smart Schools Investment Plan - Revised - WCSD - First Submission

Community Connectivity (Broadband and Wireless)

Page Last Modified: 05/20/2021

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)
Totals:	**0.00**

Smart Schools Investment Plan - Revised - WCSD - First Submission

Classroom Learning Technology

Page Last Modified: 05/13/2022

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.

   The district has a 120/120 connection in place for our 739 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). 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	736	73.60	120	120	Met

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

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

   We have replaced our entire network switching environment and upgraded internal connections to 10g. We will be replacing the entire WiFi system using e-rate funds in the fall. The current system is AC class but switching to an Aruba system, which is the same as our switching, will provide greater stability and functionality.

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.

Smart Schools Investment Plan - Revised - WCSD - First Submission

Classroom Learning Technology

Page Last Modified: 05/13/2022

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 district is planning to replace our existing, and expiring, SMART Boards with interactive displays. These are compatible with our existing network infrastructure and have improved energy efficiency. These systems will require no new wiring to install as they will replace older, less efficient technology. The network wiring is more than capable of handling these new devices.The computers in this plan are also compatible with the school network and electrical systems with no alteration or installations needed.We have worked with the Learning Technology Office within the WSWHE BOCES to select the display and have used the services of ourarchitectural firm to review wiring needed to complete the project. The existing wiring meets or exceeds the needs of the project. BOCES technicians will install the devices by replacing the old devices and connecting to existing wiring.

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.

   Technology is a powerful vehicle for actively engaging all students in learning. That active engagement is particularly important for students who are struggling or are ELL. Using technology tools and resources, teachers are able to personalize learning, differentiating both the content and the pedagogical approaches depending on the needs of students and the style they learn in. Teachers can extend learning beyond the hours of the day and the confines of the classroom. They can also create authentic learning experiences and connect students to resources that will greatly enhance their learning. These resources can include content/ language, study tools, collaborative tools, tools for assessment and also connections to experts in the field, as well as to other students. Interactive displays and 1:1 devices will afford these opportunities.
   Students who are learning English and those with disabilities are integrated into regular classrooms, with support, as much as possible here at Whitehall. Therefore, the same apps that help all of our students also help our special education/ ELL students. Additionally, our special ed/ELL students use other websites and apps to help them overcome their particular areas of need, such as speech-to-text apps, text-to-speech apps, and sign language assistance programs, to name a few. ELL students are also using Google Translate on their Chromebooks to access and translate websites from English to their native language.
   The proposed technology allows students to engage in learning in their own style and through collaboration. Content explored is more engaging,allowing a more solid foundation, better comprehension, retention, and application of knowledge which will reduce learning gaps.

Smart Schools Investment Plan - Revised - WCSD - First Submission

Classroom Learning Technology

Page Last Modified: 05/13/2022

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.**

Just as these classroom learning devices afford opportunity to reach learners within their learning style, they also afford greater levels of collaboration with stakeholders such as parents, community members, partners outside of the physical district. These interactive displays, combined with 1:1chrome books allow stakeholders to connect and share information, collaborate, video conference, and explore resources they would not otherwise have access to.

Page Last Modified: 05/13/2022

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.

   Professional development planning at the Whitehall School District is ongoing, sustained, and specifically aligned with New York States school and district goals, including, but not limited to, technology goals. The district looks at multiple factors in determining professional development needs. An analysis of these needs assists in planning activities for the year. Goals and needs are aligned with the New York State Professional Development Standards, and District and Building Goals.

   The stakeholder group is comprised of Pre K-12 teacher representatives, administrators, parents, and the superintendent. This group meets to plan and make recommendations regarding the focus of professional development opportunities to be considered and reflected in this plan. This plan includes, but is not limited to, technology goals and professional development. The group considered current research, as well as input from the professional staff, in the design and development of the plan.

   The Whitehall School District believes that all students can learn, and it recognizes that quality professional development is essential tothe continuous improvement of the educational process. The district has long demonstrated a commitment to connecting professional development to the improvement of student results and will continue to promote and assure the ongoing development and growth of its professional staff. To that end, the district has developed a comprehensive PDP that encompasses technology initiatives . The district PDP targets curriculum,pedagogy, instructional technology, and equitable access and support the district mission and vision. PD must be fluid and adaptive to meet the needsof it's staff and, in the end, students. To this end, evaluation of the districts current PD and technology goals will be ongoing. This evaluation,described in sections of this plan and in the PDP itself, will be used to revise actions and planning to better target staff need.

   Goal #1 which focuses on communication focuses on the belief that technology should serve as a medium for rapid feedback between all stakeholders.As such, technology should serve as an evolving medium for high quality, efficient, and frequent communication. In order to improve communication, the districts aging phone system should be replaced. At over10 years old, it lacks many of the modern features necessary in a flexible, high-tech district. Digital voicemail accounts would allow teachers to receive messages electronically, not paired to a single room. Other features like homework lines, reminder messages, should be considered all part of anelaborate communications overhaul.

   Goal #2 of this plan focuses on curriculum integration: Technology should exist to not only facilitate but improve upon existing instruction, thereby increasing student achievement. Technology needs to perform a true, and measurable academic function.The Whitehall Central School District has been operating at various stages of 1:1 since 2013-2014 and is now widely adopted. Maintaining the technology to support that 1:1 initiative is a primary focus of the technology plan and this SSIP.

   Goal #3 targets technology integration, which is an important part of our classroom environment. In order to continue to deliver high quality classroom instruction, classrooms need to be fitted with modern high quality interative displays.

   Goal #4 targets the network infrastructure. This backbone has been replaced using e-rate funding but will need to be maintained in order to meet future testing requirements and regular learning tasks.

   In compliance with NYS Education Department regulations, the Whitehall School district will ensure all certified professionals have opportunities toparticipate in approved professional development. Approved hours will be documented for all professional staff. Recognized professional learning andleadership activities will be developed in collaboration with teachers, teaching assistants, and administrators and district partnerships with WSWHEBOCES, Capital Region BOCES, Questar III, David Mitchell, and the Washington Collaborative. The professional development plan will bereviewed, revised and submitted annually to the Superintendent of Schools and the Board of Education for their review, consideration and approval.

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.

Smart Schools Investment Plan - Revised - WCSD - First Submission

Classroom Learning Technology

Page Last Modified: 05/13/2022

9a.   **Please enter the name of the SUNY or CUNY Institution that you contacted.**

SUNY Plattsburgh

9b.   **Enter the primary Institution phone number.**

(518) 792-5425

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.**

Steve Danna

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	Interactive Displays	75	3,000.00	225,000.00
Desktop Computers	Desktop Computers	115	565.00	64,975.00
		190	**3,565.00**	**289,975**

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

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	736	0	736.00	0.00

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	225,000.00	0.00	225,000.00
Computer Servers	(No Response)	0.00	0.00
Desktop Computers	64,975.00	0.00	64,975.00
Laptop Computers	(No Response)	0.00	0.00

Smart Schools Investment Plan - Revised - WCSD - First Submission

Classroom Learning Technology

Page Last Modified: 05/13/2022

	Public School Sub-Allocation	Estimated Nonpublic Loan Amount (Based on Percentage Above)	Estimated Total Public and Nonpublic Sub-Allocation
Tablet Computers	(No Response)	0.00	0.00
Other Costs	(No Response)	0.00	0.00
Totals:	**289,975.00**	**0**	**289,975**

Smart Schools Investment Plan - Revised - WCSD - First Submission

Pre-Kindergarten Classrooms

Page Last Modified: 05/20/2021

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	(No Response)
Enhance/Modernize Educational Facilities	(No Response)
Other Costs	(No Response)
Totals:	**0.00**

Smart Schools Investment Plan - Revised - WCSD - First Submission

Replace Transportable Classrooms

Page Last Modified: 05/20/2021

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 - WCSD - First Submission

High-Tech Security Features

Page Last Modified: 05/13/2022

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.**

    The safety and security of our students and staff at Whitehall School is a primary focus of for utilizing the SSBA funds. The current camera system does not provide complete coverage of the campus. It is unreliable and contains "blind spots". The door security system governs a few key entrances but no internal controls and is not sustainable as it is maintained by one staff member that created it.
    The proposed security upgrade will replace the current DVR storage system to expand video retention time. It will upgradeï¾¾ cameras to higher resolution systems with easier review of footage. The current system is split between multiple recorders and can be combursome to access.

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
64-17-01-06-7-999-BAI

3. **Was your project deemed eligible for streamlined Review?**

    ☑ Yes
    ☐ No

3a. **Districts with streamlined projects must 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.**

    ☑ By checking this box, you certify that the district has reviewed all installations with a licensed architect or engineer of record.

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

Name	License Number
Pamela D Hamel	31619

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
Electronic Security System	Avigilon: ACC 7 Enterprise Camera License	66	256.65	16,938.90
Entry Control System	HID: iClass/multiClass SE R40/RP40 Reader, HID Prox, Legacy, Wiegand, Black	18	248.85	4,479.30
Entry Control System	Bosch: Passive Infrared REX, 12-30Vdc @ 26mA, Surface Mount, Form C Contacts	15	78.21	1,173.15

Smart Schools Investment Plan - Revised - WCSD - First Submission

High-Tech Security Features

Page Last Modified: 05/13/2022

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
Entry Control System	Bosch: Trim Plate for Mounting DS160 REX	15	1.67	25.05
Entry Control System	Functional Devices: RIB Relay, 10A, SPDT, 10-30Vac/dc 120Vac Coil	15	15.06	225.90
Entry Control System	Schneider Electric: 39x24x10	3	268.89	806.67
Entry Control System	Schneider Electric: Complete Metal Lock w/(2) 405 Keys for SEBOX Enclosures	8	10.78	86.24
Entry Control System	Altronix: Offline Switching Power Supply, 115 Vac, 24 Vdc 12 A Output, with AC Fail & Low Battery Alarm	3	321.99	965.97
Entry Control System	Altronix: 8 Fused Output Power Distribution Module	7	26.31	184.17
Entry Control System	Altronix: Voltage Regulator, 24Vac/dc to 12Vdc @ 1A, with Terminal Block	1	27.78	27.78
Entry Control System	Powersonic: 12 Vdc 7 AH Battery	26	18.23	473.98
Entry Control System	Leviton: eXtreme Cat6 QuickPort Jack, White	81	8.80	712.80
Entry Control System	Leviton: Surface Mount QuickPort Box, Plenum Rated, 1-Port, White	81	2.03	164.43
Entry Control System	Tripp Lite: 1ft Cat6 Gb Snagless Molded UTP Patch Cable, Orange	33	4.45	146.85
Entry Control System	Avigilon: 2-Door Intelligent Controller, 8 In, 4 Relay Outputs, 12-24Vdc, RS485 (Replaces 2DR)	5	1,097.40	5,487.00
Entry Control System	Avigilon: 16 Zone Input Module with 2 Relay Outputs, 12-24Vdc, RS485	5	685.88	3,429.40
Entry Control System	Avigilon: 2-Door Interface Module, Mag or Wiegand, 8 In, 6 Relay Outputs, 12-24Vdc, RS485	6	606.23	3,637.38
Entry Control System	Schneider Electric: 24x24x8	5	189.64	948.20
Entry Control System	Altronix: Offline Switching Power Supply, 115 Vac, 24 Vdc 10 A Output, with AC Fail & Low Battery Alarm	5	200.45	1,002.25
Entry Control System	Avigilon: 1-Door Intelligent Controller, 2 In, 2 Relay Outputs, PoE/PoE+ or 12Vdc, RS485 (Replaces 1DR)	1	584.10	584.10
Entry Control System	HID: Fargo YMCKO Ribbon, 250 prints, Full Color Ribbon w/Single Black Resin Panel	1	74.58	74.58

Smart Schools Investment Plan - Revised - WCSD - First Submission

High-Tech Security Features

Page Last Modified: 05/13/2022

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
Entry Control System	HID: iCLASS Cards, PVC, 2kb, Prog, White, Seq Matching Encoded/Printed (Ink), NSP, 26b, 100-pack	1	399.90	399.90
Entry Control System	Avigilon: ACM Badging Application Software License v6, 1 per Appliance	1	737.21	737.21
Entry Control System	Sunpak: 6601UT Tripod with 3-Way Pan/Tilt Head (Quick Release), Supports 4.4 lb (2 kg)	1	30.80	30.80
Entry Control System	HID: Fargo Cleaning Kit for DTC Printers	1	45.14	45.14
Entry Control System	HID: Fargo DTC4250e Single Sided Badge Printer	1	2,354.22	2,354.22
Entry Control System	Microsoft: LifeCam Studio 1080p HD Webcam, for Badging	1	78.64	78.64
Entry Control System	Blank PVC Cards, White, 30 mil CR-80, 500 Pack	1	44.55	44.55
Entry Control System	Day Automation: 1 in. Recessed Door Contact with 2k Ohm Embedded Resistors & 2nd Reed, Wide-Gap, N.C. Loop	86	40.36	3,470.96
Entry Control System	Day Automation: 1 in. Recessed Door Contact with Second Reed, Wide-Gap, N.C. Loop	86	34.23	2,943.78
Entry Control System	Aiphone: IX Series 2 IP Video Master Station, SIP, w/7in Touchscreen, Handset, Black	2	1,248.03	2,496.06
Entry Control System	Aiphone: IX Series 2 IP Video Door Station, SIP, Vandal, Surface Mount, AI Cover	4	1,009.89	4,039.56
Entry Control System	Avigilon: Enterprise Web-Based PACS Hardware Appliance for 128 Readers v6	1	8,407.50	8,407.50
Entry Control System	Avigilon: ACM Collaboration Software License for LDAP v6	1	2,212.50	2,212.50
Entry Control System	Avigilon: ACM Per Panel Bosch Intrusion Integration License v6	2	287.63	575.26
Entry Control System	Day Automation: 3 in. Track Mount Contact, Wide-Gap w/ 3 ft. Armor Cable & 2k Ohm Embedded Resistors, N.C. Loop	2	55.71	111.42
Entry Control System	Bosch: Intrusion Detection Control	2	623.31	1,246.62

Page Last Modified: 05/13/2022

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
	Panel, PC Board Only, Replacement for B series			
Entry Control System	Bosch: DUAL BATTERY HARNESS FOR BOSCH G SERIES	2	9.27	18.54
Entry Control System	Bosch: 8 Relay Module for SDI2, Form C, 1 A @ 5-24 Vdc, Modular Interconnect	2	106.65	213.30
Entry Control System	Bosch: Plug-In Telephone Communicator	2	48.59	97.18
Entry Control System	Revere Industries: UL RJ31X Block and Cable Kit	2	2.72	5.44
Entry Control System	Bosch: ATM Style Alpha-Numeric Keypad, SDI2 Bus, 80 mA In-Alarm (req. V2.00 G-Series Panel)	6	169.85	1,019.10
Entry Control System	Hammond Manufacturing: Class 2 Energy Limiting Small Box Mount Transformer, 40VA, 120Vac In, 16.5Vac @ 2.42A	2	24.34	48.68
Entry Control System	Bosch: Keypad Trim Bezel for B930 Keypad	2	9.72	19.44
Entry Control System	Barix: Barionet 50, Prog I/O Device Server w/Web Server, Modbus/TCP and SNMP, 2 Serial Ports, 4 DI, 4 DO	2	190.08	380.16
Entry Control System	Bosch: Tamper Switch, 2/pkg for D8103 Universal or D8108A Attack Resistant Enclosure	2	6.84	13.68
Entry Control System	Avigilon: 1-Door Interface Module, Mag or Wiegand, 2 In, 2 Relay Outputs, 12-24Vdc, RS485	2	305.33	610.66
Entry Control System	Bosch: Octo-Input Module, SDI2 Bus, 1000 ft. Max on 4C 18 AWG	12	96.38	1,156.56
Entry Control System	Altronix: Relay Module, Ultra Sensitive, 12/24Vdc, DPDT, 1A @ 120Vac or 2A @ 28Vdc	2	14.69	29.38
Entry Control System	Altronix: NAC Power Extender, 4 A @ 120 Vac In, 2.5 A @ 24 Vdc per Output, on-board strobe sync	3	283.37	850.11
Electronic Security System	System Sensor: SpectrAlert Advance Outdoor Plain White Strobe, Wall Mount, Clear Lens, High Candela, 12/24 Vdc	12	69.88	838.56

Page Last Modified: 05/13/2022

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
Electronic Security System	System Sensor: Blue Lens for SpectrAlert Advance Wall Mount Strobes	12	8.62	103.44
Electronic Security System	STI: Yellow Stopper Station, Indoor Only, Flush or Surface Mount, Button w/Cover, Momentary, Non-Illuminated, Lockdown Label	7	80.96	566.72
Electronic Security System	STI: Yellow Back box & Spacer Kit for 1, 3 or 4 switch	7	16.72	117.04
Entry Control System	Bosch: Wall Mount PIR Tritech Motion Detector, 100x8.5ft, Curtain	24	90.06	2,161.44
Entry Control System	Bosch: G Series POPIT/CIM Module, No Tamper	24	26.70	640.80
Electronic Security System	Avigilon: 4MP Indoor Surface Dome, 3.3-9mm f/1.3 P-iris lens, WDR, LC Tech, D/N, and Next-Gen Analytics	33	833.67	27,511.11
Electronic Security System	Tripp Lite: 10ft Cat6 Gb Snagless Molded UTP Patch Cable, Orange	72	8.52	613.44
Electronic Security System	Tripp Lite: 3ft Cat6 Gb Snagless Molded UTP Patch Cable, Orange	70	4.99	349.30
Electronic Security System	Avigilon: 8MP Indoor Surface Dome, 4.9-8mm f/1.8 P-iris lens, WDR, LC Tech, D/N, and Next-Gen Analytics	7	1,150.50	8,053.50
Electronic Security System	Avigilon: Optional IR Illuminator Ring, up to 30m (100ft), for use w/H4AMH-DO-COVR1	12	292.05	3,504.60
Electronic Security System	Avigilon: 3x 5MP, WDR, LightCatcher, 2,8mm, Camera Only	1	1,593.00	1,593.00
Electronic Security System	Avigilon: 3x 8MP, WDR, LightCatcher, 4mm, Camera Only	1	1,858.50	1,858.50
Electronic Security System	Avigilon: Surface Mount Adapter, must order (1) H4AMH-DO-COVR1	1	141.60	141.60
Electronic Security System	Avigilon: Clear Dome Bubble and Cover for Surface or Pendant Mount	13	141.60	1,840.80
Electronic Security System	Avigilon: Single Port PoE Injector Gigabit, 60W, for H4IR PTZ, Indoor Install, Temp Range 14-113 deg F	13	132.75	1,725.75
Electronic Security System	Ditek Corp.: PoE Surge Protection, RJ45, 48 V Protection, 72 V Clamp	22	59.20	1,302.40
Electronic Security System	Avigilon: 3x 8MP, WDR, LightCatcher,	4	1,858.50	7,434.00

Smart Schools Investment Plan - Revised - WCSD - First Submission

High-Tech Security Features

Page Last Modified: 05/13/2022

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
	5.2mm, Camera Only			
Electronic Security System	Avigilon: Pendant Mount Adapter, must order (1) IRPTZ-MNT-WALL1 or -NPTA1 and (1) H4AMH-DO-COVR1	12	141.60	1,699.20
Electronic Security System	Avigilon: Pendant Wall Arm Adapter for use w/H4AMH-AD-PEND1 or H4 IRPTZ	12	84.08	1,008.96
Electronic Security System	Avigilon: 4x 8MP, WDR, LightCatcher, 4mm, Camera Only	7	2,124.00	14,868.00
Electronic Security System	Avigilon: Corner Mount Bracket	8	79.65	637.20
Electronic Security System	Avigilon: 8MP Outdoor Bullet, 4.9-8mm f/1.8 P-iris lens, Integrated IR, WDR, LC Tech, and Next-Gen Analytics	8	1,327.50	10,620.00
Electronic Security System	Avigilon: Junction box for the H4A-BO-IR HD Bullet Cameras	8	79.65	637.20
Electronic Security System	Avigilon: 8MP Outdoor Surface Dome, 4.9-8mm f/1.8 P-iris lens, WDR, LC Tech, D/N, and Next-Gen Analytics	1	1,283.25	1,283.25
Electronic Security System	Avigilon: Dual-Port 10G-SFP+ Network Adapter for 24 through 96TB Models	1	690.30	690.30
Electronic Security System	Avigilon: NVR4, Education Series, 96TB, RAID6, No OS	1	20,355.00	20,355.00
Electronic Security System	Avigilon: NVR4 Standard Redundant Hot-Swappable Power Supply, NA Power Cord, for 24 through 96TB Models	1	411.53	411.53
Electronic Security System	Advanced Network Devices: Zone Controller, IP Endpoint with Analog Audio Out, Local Mic Input, GPIO Trigger Capabilities, PoE/SIP	20	617.76	12,355.20
Electronic Security System	Advanced Network Devices: IP Extra Large Signboard with Flashers, 2-way Audio, PoE/SIP, 51.92in long overall, SS construction, Includes Enclosure	8	1,797.11	14,376.88
Electronic Security System	Avigilon: Single port Gigabit 802.3at PoE Plus injector, Class 4 - NA power cord	8	66.38	531.04
Electronic Security System	American Wire Guards: 52	8	150.08	1,200.64
Electronic Security System	Singlewire: InformaCast Advanced Notification - Endpoint Licensing - 50 License Bundle (includes first 90 Days	1	1,955.10	1,955.10

Smart Schools Investment Plan - Revised - WCSD - First Submission

High-Tech Security Features

Page Last Modified: 05/13/2022

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
	of maintenance)			
Electronic Security System	Singlewire: 3 Year Maintenance - Per Endpoint License - TIER A (Qty 50 - 200)	50	28.37	1,418.50
Electronic Security System	Avigilon: NVR4 Value, 6 TB, 1U Rack Mount, Windows 10 IoT Enterprise LTSB	1	3,982.50	3,982.50
Electronic Security System	Avigilon: NVR4 Value Redundant Hot-Swappable Power Supply, NA Power Cord	1	374.21	374.21
Electronic Security System	Crucial: RAM, 16GB, DDR4, DIMM 288-pin, 2666 MHz, PC4-21300, ECC	2	135.92	271.84
Electronic Security System	W Box Technologies: 6' Dual RCA Male-to-Male Stereo Cable	20	14.29	285.80
Electronic Security System	W Box Technologies: 1' RCA Male Stereo to Dual RCA Female Adapter	20	11.43	228.60
Electronic Security System	Vanco: 6' RCA Male Stereo to Stripped Tinned End Cable	20	2.29	45.80
Electronic Security System	Clever Little Box: RCA Male to Screw Terminal Connector (10-pack)	20	13.66	273.20
Electronic Security System	Valcom: Dynamic Desk Paging Microphone	2	165.30	330.60
Electronic Security System	Fiber replacement/ installation	1	39,000.00	39,000.00
Other Costs	Access control design and installation	1	197,719.00	197,719.00
		1,211	**304,583.21**	**462,146**

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)	0.00
Electronic Security System	203,333.21
Entry Control System	61,093.79
Approved Door Hardening Project	0.00
Other Costs	197,719.00
Totals:	**462,146.00**