Smart Schools Investment Plan - SMART_Germantown CSD_Second Submission

SSIP Overview

Page Last Modified: 07/31/2017

Group 1

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

    Susan LS Brown

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

    5185376281

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

    sbrown@germantowncsd.org

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

    Supplemental submission

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

    ☑   District Educational Technology Plan Submitted to SED and Approved

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

    ☑   Parents
    ☑   Teachers
    ☑   Students
    ☑   Community members

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

    ☐   Yes
    ☐   No
    ☑   N/A

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

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

Smart Schools Investment Plan - SMART_Germantown CSD_Second Submission

SSIP Overview

Page Last Modified: 07/31/2017

5a. **Please upload the proposed Smart Schools Investment Plan (SSIP) that was posted on the district's website, along with any supporting materials. Note that this should be different than your recently submitted Educational Technology Survey. The Final SSIP, as approved by the School Board, should also be posted on the website and remain there during the course of the projects contained therein.**

SmartSchools 5-10-17 2 slides per page.pdf

5b. **Enter the webpage address where the final Smart Schools Investment Plan is posted. The Plan should remain posted for the life of the included projects.**

https://www.germantowncsd.org/Page/1491

6. **Please enter an estimate of the total number of students and staff that will benefit from this Smart Schools Investment Plan based on the cumulative projects submitted to date.**

165

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

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

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

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

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

(No Response)

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

$425,755

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

	Sub-Allocations
School Connectivity	0
Connectivity Projects for Communities	0
Classroom Technology	99,140
Pre-Kindergarten Classrooms	0
Replace Transportable Classrooms	0
High-Tech Security Features	0
Totals:	**99,140**

School Connectivity

Page Last Modified: 07/28/2017

Group 1

1. **In order for students and faculty to receive the maximum benefit from the technology made available under the Smart Schools Bond Act, their school buildings must possess sufficient connectivity infrastructure to ensure that devices can be used during the school day. Smart Schools Investment Plans must demonstrate that:**
    - **sufficient infrastructure that meets the Federal Communications Commission's 100 Mbps per 1,000 students standard currently exists in the buildings where new devices will be deployed, or**
    - **is a planned use of a portion of Smart Schools Bond Act funds, or**
    - **is under development through another funding source.**

    Smart Schools Bond Act funds used for technology infrastructure or classroom technology investments must increase the number of school buildings that meet or exceed the minimum speed standard of 100 Mbps per 1,000 students and staff within 12 months. This standard may be met on either a contracted 24/7 firm service or a "burstable" capability. If the standard is met under the burstable criteria, it must be:

    1. Specifically codified in a service contract with a provider, and

    2. Guaranteed to be available to all students and devices as needed, particularly during periods of high demand, such as computer-based testing (CBT) periods.

    Please describe how your district already meets or is planning to meet this standard within 12 months of plan submission.

    (No Response)

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

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

2. **Connectivity Speed Calculator (Required)**

	Number of Students	Multiply by 100 Kbps	Divide by 1000 to Convert to Required Speed in Mb	Current Speed in Mb	Expected Speed to be Attained Within 12 Months	Expected Date When Required Speed Will be Met
Calculated Speed	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)

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

    (No Response)

4. **Describe the linkage between the district's District Instructional Technology Plan and the proposed projects. (There should be a link between your response to this question and your response to Question 1 in Part E. Curriculum and Instruction "What are the district's plans to use digital connectivity and technology to improve teaching and learning?)**

    (No Response)

Smart Schools Investment Plan - SMART_Germantown CSD_Second Submission

School Connectivity

Page Last Modified: 07/28/2017

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

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

   (No Response)

6. **As indicated on Page 5 of the guidance, the Office of Facilities Planning will have to conduct a preliminary review of all capital projects, including connectivity projects.**
   Please indicate on a separate row each project number given to you by the Office of Facilities Planning.

Project Number
(No Response)

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

   Was your project deemed eligible for streamlined review?

   (No Response)

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

Name	License Number
(No Response)	(No Response)

9. **If you are submitting an allocation for School Connectivity complete this table.**
   Note that the calculated Total at the bottom of the table must equal the Total allocation for this category that you entered in the SSIP Overview overall budget.

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

Smart Schools Investment Plan - SMART_Germantown CSD_Second Submission

School Connectivity

Page Last Modified: 07/28/2017

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

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

Smart Schools Investment Plan - SMART_Germantown CSD_Second Submission

Community Connectivity (Broadband and Wireless)

Page Last Modified: 07/28/2017

Group 1

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

   (No Response)

2. **Please describe how the proposed project(s) will promote student achievement and increase student and/or staff access to the Internet in a manner that enhances student learning and/or instruction outside of the school day and/or school building.**

   (No Response)

3. **Community connectivity projects must comply with all the necessary local building codes and regulations (building and related permits are not required prior to plan submission).**

   ☐   I certify that we will comply with all the necessary local building codes and regulations.

4. **Please describe the physical location of the proposed investment.**

   (No Response)

5. **Please provide the initial list of partners participating in the Community Connectivity Broadband Project, along with their Federal Tax Identification (Employer Identification) number.**

Project Partners	Federal ID #
(No Response)	(No Response)

6. **If you are submitting an allocation for Community Connectivity, complete this table.**

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

	Sub-Allocation
Network/Access Costs	(No Response)
Outside Plant Costs	(No Response)
Tower Costs	(No Response)
Customer Premises Equipment	(No Response)
Professional Services	(No Response)
Testing	(No Response)
Other Upfront Costs	(No Response)
Other Costs	(No Response)
Totals:	**0**

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

   Add rows under each sub-category for additional items, as needed.

Smart Schools Investment Plan - SMART_Germantown CSD_Second Submission

Community Connectivity (Broadband and Wireless)

Page Last Modified: 07/28/2017

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

Smart Schools Investment Plan - SMART_Germantown CSD_Second Submission

Classroom Learning Technology

Page Last Modified: 07/31/2017

Questions

1. **In order for students and faculty to receive the maximum benefit from the technology made available under the Smart Schools Bond Act, their school buildings must possess sufficient connectivity infrastructure to ensure that devices can be used during the school day. Smart Schools Investment Plans must demonstrate that sufficient infrastructure that meets the Federal Communications Commission's 100 Mbps per 1,000 students standard currently exists in the buildings where new devices will be deployed, or is a planned use of a portion of Smart Schools Bond Act funds, or is under development through another funding source.**

    Smart Schools Bond Act funds used for technology infrastructure or classroom technology investments must increase the number of school buildings that meet or exceed the minimum speed standard of 100 Mbps per 1,000 students and staff within 12 months. This standard may be met on either a contracted 24/7 firm service or a "burstable" capability. If the standard is met under the burstable criteria, it must be:

    1. Specifically codified in a service contract with a provider, and

    2. Guaranteed to be available to all students and devices as needed, particularly during periods of high demand, such as computer-based testing (CBT) periods.

    Please describe how your district already meets or is planning to meet this standard within 12 months of plan submission.

    The District implemented building-wide wireless Internet access during the 2014-15 school year. The District increased its broadband to 40 Mbps at that time. The quality of wireless availability was assessed at the end of the 2014-15 school year which prompted the installation of additional access points during the summer and fall of 2015.

    During the 2015-16 and the 2016-17 school years, the District's Network Engineer continued to monitor help desk tickets in order to determine if any locations in the building are not meeting the wireless needs of users. At this time, all areas of the wireless network are meeting the needs of the users. During the summer of 2017, half of our access points will be upgraded in anticipation of adding additional cloud based learning initiatives as well as cloud based storage solutions. As these changes are phased in over the school year (2017-18) our service provider, GTEL, is prepared to increase our bandwidth. We estimate that the increase will take place in January 2018 and will be to 60 Mbps.

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

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

2. **Connectivity Speed Calculator (Required)**

	Number of Students	Multiply by 100 Kbps	Divide by 1000 to Convert to Required Speed in Mb	Current Speed in Mb	Expected Speed to be Attained Within 12 Months	Expected Date When Required Speed Will be Met
Calculated Speed	540	54,000	54	40	60	01/01/2018

Page Last Modified: 07/31/2017

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

   The District implemented building-wide wireless Internet access during the 2014-15 school year. The District increased its broadband to 40 Mbps at that time. The quality of wireless availability was assessed at the end of the 2014-15 school year which prompted the installation of additional access points during the summer and fall of 2015.

   During the 2015-16 and the 2016-17 school years, the District's Network Engineer continued to monitor help desk tickets in order to determine if any locations in the building are not meeting the wireless needs of users. At this time, all areas of the wireless network are meeting the needs of the users. During the summer of 2017, half of our access points will be upgraded in anticipation of adding additional cloud based learning initiatives as well as cloud based storage solutions. As these changes are phased in over the school year (2017-18) our service provider, GTEL, is prepared to increase our bandwidth. We estimate that the increase will take place in January 2018 and will be to 60 Mbps.

4. **All New York State public school districts are required to complete and submit an Instructional Technology Plan survey to the New York State Education Department in compliance with Section 753 of the Education Law and per Part 100.12 of the Commissioner's Regulations.**
   Districts that include educational technology purchases as part of their Smart Schools Investment Plan must have a submitted and approved Instructional Technology Plan survey on file with the New York State Education Department.

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

5. **Describe the devices you intend to purchase and their compatibility with existing or planned platforms or systems. Specifically address the adequacy of each facility's electrical, HVAC and other infrastructure necessary to install and support the operation of the planned technology.**

   150 9.7" iPads for Grades 9, 10, 11 students and their teachers
   The existing student 1:1 devices are at the end of their life. In our Instructional Technology plan the district will replace aged out student laptops with tablets. The iPad is inherently more sturdy and durable because it is solid state. By purchasing these devices we can address the numerous issues we had with the laptops which were fragile. The iPads will have the processing capability to accommodate the software being used for curriculum and instruction at GCS. Learning will be seamless because these devices and the associated software will run more efficiently. We anticipate the life of these devices will extend beyond the life of the laptops. In addition the apps available for these devices are tailored for an educational environment. The infrastructure for these devices is already in place and we expect the footprint to be even smaller than that of the previously used laptops.

   26 Mac Minis and projector
   This equipment will be placed in a lab. All high-end technology courses will be scheduled in the lab. These courses include but are not limited to, computer applications, advanced computer applications (coding), and digital photography. During periods when the lab is not scheduled, it will be used on a sign-up basis for class projects and professional development.

   15 iPad Pros and 6 Pressure Pencils
   Teachers will receive a an iPad Pro. This device has a faster processor and can have a keyboard attached magnetically. When surveyed, our teachers explicitly stated that they need a full keyboard to perform for the iPad to be a useful tool. The six pressure pencils will be used by students enrolled in our advanced digital art classes.

Smart Schools Investment Plan - SMART_Germantown CSD_Second Submission

Classroom Learning Technology

Page Last Modified: 07/31/2017

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?"

   Students will be allowed (with parent permission) to take their devices home with them which extends learning outside of the classroom and has potential to reduce learning gaps. Students are more likely to engage with interactive educational content in and outside of school. English language learners will be able to benefit from a wealth of software (translator, text-to-speech, voice dictation and English language instruction). Students with reading level gaps can access specialized reading remediation software resources. Assessments and lessons can be computer adaptive, and use psychometrics to adjust to each student's instructional level. Facetime will be used for homebound or absent students and distance learning. Our students with disabilities (SWDs) use technology to make instruction and learning more accessible to them. SWDs use a variety of devices such as: iPad, laptop, specialized peripherals and specialized software. Some of the benefits for SWD's are:
   - Students use their devices to engage in online courseware in an environment less distracting than a traditional classroom
   - Textbooks are online, reducing the need to carry or store heavy textbooks in home and at school
   - SWDs devices include assistive technology such as scanning wands to digitize hard-copy text, laptop with keyboard overlay, touch screen, and assistive tech to digitize and project microscope slides
   - Timers are used to assist students with pacing
   - Reading guides are used to assist students with vision tracking (words are highlighted in text)
   - Speech recognition and prediction software assist our students whose physical disability prohibits them from using traditional keyboards, or writing utensils (pen, pencil, etc.) for the purpose of composition
   - Other software used by SWDs: audible books, speech to type, text to speech (for communication with peers, teachers and support staff)

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.**

   Parents and students have access to teachers' grade books and actively track their achievement. FaceTime will be used for homebound or absent students and distance learning with regional partners. Communications with school staff will be enhanced. Students can use the devices to add to their student portfolio and showcase their work throughout school and even into higher education. The ease of making these products available to stakeholders can potentially improve community perception of the school.

Smart Schools Investment Plan - SMART_Germantown CSD_Second Submission

Classroom Learning Technology

Page Last Modified: 07/31/2017

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

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

The district has budgeted for professional development which includes ongoing, embedded coaching for core subject teachers who teach courses that have new NYS Standards: Social Studies and Science. This training will include the use of enhanced technology to shift instruction to discovery learning, flipped classrooms, and project based learning.

BOCES Model Schools provides a portion of the remaining planned instructional technology training. (The Model Schools CoSer entitles the district discounted prices to staff development through the local BOCES.) The goal of the Model Schools CoSer is to provide educators with the information and resources they need to improve student learning through the use of technology. Whether it is through planning, training, coaching, or modeling, Model Schools helps bring the 21st century skills into the classroom and into our student's futures. There are two types of training:

• **ON-SITE TRAINING -** Customized planning sessions, trainings, and/or coaching/modeling sessions to successfully integrate and use technology in lessons. The district is requesting that Questar III BOCES develop a proposal for on-site training to be implemented in the 2017-18 school year using the data collected from teachers on our annual technology survey (administered in June 2017), as well as our focus goals for increased student achievement. In addition, the district used Model Schools trainers to introduce the Windows 10, Office 365 platform, and Microsoft OneDrive, which will continue throughout 2017-18.

• **WORKSHOPS -** In addition to on-site training in the classroom, Model Schools offers workshops designed for teachers. Examples are: Free Formative Assessment Tools, How to Flip Your Classroom, Ozobots, YouTubing, Apple Classroom Workshop, English Writing Apps, Microsoft OneNote / Class Notebook, and Student Centered Activities as Measurable Outcomes.

Our district has established a professional learning community where teachers collaborate with their colleagues and students who are instructional technology experts. Two examples, including one for the TI calculators, are listed below:

• An elementary teacher was sent to various iPad trainings over the last two years and has time in her schedule to work with other teachers on a sign-up basis.

• Over the summer of 2016, our math teacher, Jeanne Oliveira became a certified TI instructor. She will provide all calculator training here at our school and possible at neighboring school districts.

• Another math teacher is a certified Mimioboard instructor (since 2013). He provides formal and informal training for our teachers for interactive whiteboard use in our classrooms. High school students in his advanced computer applications class also work with teachers in the district to develop interactive lessons.

9.   **Districts must contact the SUNY/CUNY teacher preparation program that supplies the largest number of the district's new teachers to request advice on innovative uses and best practices at the intersection of pedagogy and educational technology.**

☑   By checking this box, you certify that you have contacted the SUNY/CUNY teacher preparation program that supplies the largest number of your new teachers to request advice on these issues.

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

State University of New York at New Paltz

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

845-257-2887

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

Kiersten Greene, Asst. Professor of Literacy

Smart Schools Investment Plan - SMART_Germantown CSD_Second Submission

Classroom Learning Technology

Page Last Modified: 07/31/2017

10. **A district whose Smart Schools Investment Plan proposes the purchase of technology devices and other hardware must account for nonpublic schools in the district.**

   Are there nonpublic schools within your school district?

   ☐   Yes

   ☑   No

11. **Nonpublic Classroom Technology Loan Calculator**

   The Smart Schools Bond Act provides that any Classroom Learning Technology purchases made using Smart Schools funds shall be lent, upon request, to nonpublic schools in the district. However, no school district shall be required to loan technology in amounts greater than the total obtained and spent on technology pursuant to the Smart Schools Bond Act and the value of such loan may not exceed the total of $250 multiplied by the nonpublic school enrollment in the base year at the time of enactment.

   See:

   http://www.p12.nysed.gov/mgtserv/smart_schools/docs/Smart_Schools_Bond_Act_Guidance_04.27.15_Final.pdf.

	1. Classroom Technology Sub-allocation	2. Public Enrollment (2014-15)	3. Nonpublic Enrollment (2014-15)	4. Sum of Public and Nonpublic Enrollment	5. Total Per Pupil Sub-allocation	6. Total Nonpublic Loan Amount
Calculated Nonpublic Loan Amount	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)

12. **To ensure the sustainability of technology purchases made with Smart Schools funds, districts must demonstrate a long-term plan to maintain and replace technology purchases supported by Smart Schools Bond Act funds. This sustainability plan shall demonstrate a district's capacity to support recurring costs of use that are ineligible for Smart Schools Bond Act funding such as device maintenance, technical support, Internet and wireless fees, maintenance of hotspots, staff professional development, building maintenance and the replacement of incidental items. Further, such a sustainability plan shall include a long-term plan for the replacement of purchased devices and equipment at the end of their useful life with other funding sources.**

   ☑   By checking this box, you certify that the district has a sustainability plan as described above.

13. **Districts must ensure that devices purchased with Smart Schools Bond funds will be distributed, prepared for use, maintained and supported appropriately. Districts must maintain detailed device inventories in accordance with generally accepted accounting principles.**

   ☑   By checking this box, you certify that the district has a distribution and inventory management plan and system in place.

14. **If you are submitting an allocation for Classroom Learning Technology complete this table.**
   Note that the calculated Total at the bottom of the table must equal the Total allocation for this category that you entered in the SSIP Overview overall budget.

Page Last Modified: 07/31/2017

	Sub-Allocation
Interactive Whiteboards	924
Computer Servers	(No Response)
Desktop Computers	17,654
Laptop Computers	(No Response)
Tablet Computers	57,285
Other Costs	23,277
Totals:	**99,140**

15. **Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category. This is especially important for any expenditures listed under the "Other" category. All expenditures must be capital-bond eligible to be reimbursed through the SSBA. If you have any questions, please contact us directly through smartschools@nysed.gov.**
    Please specify in the "Item to be Purchased" field which specific expenditures and items are planned to meet the district's nonpublic loan requirement, if applicable.
    NOTE: Wireless Access Points that will be loaned/purchased for nonpublic schools should ONLY be included in this category, not under School Connectivity, where public school districts would list them.
    Add rows under each sub-category for additional items, as needed.

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be Purchased	Quantity	Cost per Item	Total Cost
Desktop Computers	Mac Minis (including keyboard, mouse, monitor)	26	679	17,654
Tablet Computers	10 Pack iPad 32 GB	15	2,940	44,100
Tablet Computers	12.9 iPad Pros (for teachers)	15	879	13,185
Other Costs	Apple Pressure pencils (for art courses)	6	99	594
Other Costs	(Apple) Logitech rugged case for students	150	100	15,000
Interactive Whiteboards	(CDW-G) Epson PowerLite Projector + mount (already have mimio bar)	1	924	924
Other Costs	(CDW-G) HP keyboard & mouse	26	25	650
Other Costs	(CDW-G) HP monitor (for Mac Minis)	26	143	3,718
Other Costs	(CDW-G) Logitech keyboard/case	15	191	2,865
Other Costs	(CDW-G) Targus screen protectors	15	30	450

Smart Schools Investment Plan - SMART_Germantown CSD_Second Submission

Pre-Kindergarten Classrooms

Page Last Modified: 07/31/2017

Group 1

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

   (No Response)

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

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

   (No Response)

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

   (No Response)

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

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

Project Number
(No Response)

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

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

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

Smart Schools Investment Plan - SMART_Germantown CSD_Second Submission

Pre-Kindergarten Classrooms

Page Last Modified: 07/31/2017

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

Page Last Modified: 07/28/2017

Group 1

1. **Describe the district's plan to construct, enhance or modernize education facilities to provide high-quality instructional space by replacing transportable classrooms.**

   (No Response)

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

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

Project Number
(No Response)

3. **For large projects that seek to blend Smart Schools Bond Act dollars with other funds, please note that Smart Schools Bond Act funds can be allocated on a pro rata basis depending on the number of new classrooms built that directly replace transportable classroom units.**

   If a district seeks to blend Smart Schools Bond Act dollars with other funds describe below what other funds are being used and what portion of the money will be Smart Schools Bond Act funds.

   (No Response)

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

	Sub-Allocation
Construct New Instructional Space	(No Response)
Enhance/Modernize Existing Instructional Space	(No Response)
Other Costs	(No Response)
Totals:	**0**

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

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

High-Tech Security Features

Page Last Modified: 07/28/2017

Group 1

1. **Describe how you intend to use Smart Schools Bond Act funds to install high-tech security features in school buildings and on school campuses.**

    (No Response)

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

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

Project Number
(No Response)

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

    ☐ Yes
    ☐ No

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

Name	License Number
(No Response)	(No Response)

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

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

	Sub-Allocation
Capital-Intensive Security Project (Standard Review)	(No Response)
Electronic Security System	(No Response)
Entry Control System	(No Response)
Approved Door Hardening Project	(No Response)
Other Costs	(No Response)
Totals:	**0**

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

    Add rows under each sub-category for additional items, as needed.

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

Page Last Modified: 07/28/2017