Institution ID
800000054036

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

Joseph Reilly

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

6076543858

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

reilly.j.n@gmail.com

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

First submission

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

☑ District Educational Technology Plan Submitted to SED and Approved

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

☑ Parents
☑ Teachers
☑ Students
☑ Community members

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

☐ Yes
☐ No
☑ N/A

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

☑ The district developed and the school board approved a preliminary Smart Schools Investment Plan.
☑ The preliminary plan was posted on the district website for at least 30 days. The district included an address to which any written comments on the plan should be sent.
☑ The school board conducted a hearing that enabled stakeholders to respond to the preliminary plan. This hearing may have 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.

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.

SmartBond Tech Presentation.pdf

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

http://www.bgcsd.org/Technology.aspx

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.

930

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

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

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

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

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

(No Response)

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

$1,033,031

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	97,155
Connectivity Projects for Communities	0
Classroom Technology	180,350
Pre-Kindergarten Classrooms	0
Replace Transportable Classrooms	0
High-Tech Security Features	168,447
Totals:	**445,952**

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.

Bainbridge-Guilford subscribes to internet services through the South Central Regional Information Center. They have 1 gigabyte in band width for the district and 1 gigabyte between the three buildings within the district. This district exceeds the current standard.

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	880	88,000	88	1000	1000	Standard Met

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

Bainbridge-Guilford is planning to upgrade and expand their network infrastructure using Smart Schools Bond funds. They currently have robust network switching, but they propose to expand and upgrade multiple components of the system.

First they are proposing upgrading two of the core switches. The current switches have limited throughput capacity. The two new core switches will have excellent back plane connectivity to support expanded student requirements and safety and security upgrades at 10 gigabit speeds.

They are also proposing a full replacement of their wireless system. In most cases the wireless is very limited but in some areas it is non existent. Bainbridge Guilford is proposing a total replacement and then an expansion of their wireless access point network. The completion of this will result in "saturation" coverage in all classrooms, offices, and public spaces in the district. This upgrade includes both the actual wires to the access points and the wireless access points themselves.

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?)

The district technology plan establishes a goal of a one-to-one program for the students of the district. Equipping each student with personal devices opens up a world of supporting information for the students as well as establishing 21st century life skills. Classes can expand beyond the traditional 45 minutes and the school day can expand beyond the traditional limits. Collaboration and immediate feedback become an integral part of the instructional model.
To accomplish this, Bainbridge-Guilford needs to reduce or eliminate any potential bottle necks in the infrastructure. When the students attempt to use the devices, limits and bottle necks would multiply and discourage the students. Using Erate and Smart Schools funds, the district is planning to establish a network infrastructure that is not only strong in 2019, but strong for the next six to ten years. The Bainbridge-Guilford tech plan also establishes a renewable fund combining future Erate purchases with BOCES reimbursable funds to continue to support upgrades to this system.

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.

During the 2016-17 school year the Bainbridge-Guilford leadership, worked with the planning staff of the Broome Tioga BOCES, the architect teams from King and King, and the academic leadership of the district to review the network infrastructure and the educational goals to quantify the upgrades required.
The team identified ALL spaces used for instruction. The compared their student load, their educational requirements and the network infrastructure that existed in those spaces. By identifying the maximum educational requirements in all classrooms, offices, and public spaces they created a plan for the new network requirements.
This plan reflects those plans.

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
08-02-01-04-7-999-BA1
08-02-01-04-7-999-001

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

Was your project deemed eligible for streamlined review?

Yes

7a. Districts that choose the Streamlined Review Process will be required to certify that they have reviewed all installations with their licensed architect or engineer of record and provide that person's name and license number. The licensed professional must review the products and proposed method of installation prior to implementation and review the work during and after completion in order to affirm that the work was code-compliant, if requested.

☑ I certify that I have reviewed all installations with a licensed architect or engineer of record.

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

Name	License Number
James R King	15925

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	31,455
Outside Plant Costs	0
School Internal Connections and Components	52,900
Professional Services	0
Testing	0
Other Upfront Costs	0
Other Costs	12,800
Totals:	**97,155**

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
Connections/Components	J9283B Network Cable SFP+ 10 Ft Erate 80% discount	2	14	28
Connections/Components	J9285B Nework Cable SFP+ 23 Foot Erate 80% discount	2	20	40
Connections/Components	J9990A HPE Gigabit Expansion module Erate 80% discount	2	400	800
Connections/Components	J9150A SFP+ Transceiver Module Erate 80% discount	8	104	832
Network/Access Costs	J9821A Aruba 5406R switch chassis Erate 80% discount	1	242	242
Network/Access Costs	J9827A HPE Management Module Erate 80% discount	1	250	250
Network/Access Costs	JW736A Aruba 7205 Wireless AccessReducdant Controller Erate 80% discount	1	1,300	1,300
Network/Access Costs	JW776A Aruba 7205 Wireless Access Controller 64 MAP K-12 Education Erate 80% discount	1	2,049	2,049

School Connectivity

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
Network/Access Costs	J9822A Aruba 5412R 12 slot chassis Erate 80% discount	2	460	920
Network/Access Costs	J9731A HPE Expansion module Erate 80% discount	6	99	594
Network/Access Costs	JW797A Aruba AP-315 Wireless Access Point Erate 80% discount	6	99	594
Network/Access Costs	JW186A Aruba A-325 Wireless Access Point Erate 80% discount	8	139	1,112
Network/Access Costs	JX936A Aruba A-305 Wireless Access Point Erate 80% discount	94	70	6,580
Network/Access Costs	J9829A#ABA HPE Power Supply	10	521	5,210
Network/Access Costs	SRT2200XLA UPS APC Smart UPS 2200 VA	5	1,258	6,290
Network/Access Costs	SYRMXR4B4 Symmetra RM XR Framed UPS Lead Acid Battery	1	3,329	3,329
Network/Access Costs	SRT72BP APC Smart UPS 2Kv battery pack	5	597	2,985
Connections/Components	CAB-ETH-S-RJ45 Cat 6 Cable 5 feet long Blue	128	400	51,200
Other Costs	Contingency costs including permits, architect fees, and construction contingency	1	12,800	12,800

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.

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)

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.

Bainbridge Guilford subscribes for internet broad band services through Broome Tioga BOCES and the South Central Regional Information Center and exceeds this standard.

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	880	88,000	88	1000	1000	Standard 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.

Bainbridge Guilford has made a comprehensive plan to support the roll out of a one-to-one program. In the School Connectivity portion of this application the district is upgrading their complete network to support saturation wireless coverage for the entire district and additional power over ethernet (POE) capacity for the entire district. They are using Federal Erate funds that were applied for in March 2018 to supplement the Smart Schools funds.
This is a huge step for the district. The Middle/High School has basic coverage at this time in classrooms. The two elementary buildings has some coverage but it is very limited. With the implementation of one-to-one for all students, this situation had to be remedied.

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.

As a component of several capitol projects, the electrical infrastructure of the Bainbridge Guilford Central School has been kept current with the demands of a 21st century school district. This component of the plan includes chrome books. All of the classrooms currently have adequate power resources to support these devices. No additional wiring, nor any HVAC upgrades will be required to support this initiative.

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?"

Bainbridge-Guilford believes that ALL students can be successful if they are given the correct tools. This application reflects a one-to-one plan that supports ALL students. Regular education students and students with disabilities.

All "self contained" classrooms for students with disabilities are equipped with the same resources as any classroom for the regular education students. There are no borders. The chromebooks identified in this plan will significantly improve the opportunities for students with disabilities. The devices have a text to audio feature that allows students to hear the text that they create or locate in their educational efforts. They also have an audio to text feature that allows the students to create content with limited manual dexterity or visual challenges.

For students who's native language is other than English, Google offers a component that can translate native language to English and English to native language. Using primary resources, the English Language Learners are no longer delayed in accessing materials as the software will translate for them.

In addition, the district fully funds the Individual Educational Plans (IEP) that is established for all students with disabilities and 504 plans create for the students in the district that face challenges to learning. ALL technology requirements in those plans are filled by the district.

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.

Bainbridge-Guilford has a strong plan to engage the stakeholders in the district. The student management system has a robust parent portal that allows parents to review assignments, work completed, attendance and other student information in a real time effort. Additionally, the parents can directly contact their students instructors via the portal to request additional information or clarification.

The chromebooks being issued include a video camera that allows the parents the opportunity to video conference with a staff member if that is required.

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."

Bainbridge Guilford Central Schools is committed to establishing a one-to-one learning environment for their students. The most important part of this plan is the staff development that must occur before the program can proceed. During the 2017-18 school year and continuing next year the district has a comprehensive plan to address this.
Lead teachers in the district will have completed the Google level 1 and Google Level 2 trainings to facilitate the use of Chromebooks in the classroom. A second cohort of teachers will complete this training during the 2018-19 school year. These teachers will become turn-key trainers and support future cohorts as they are equipped.
In addition to traditional trainings, Bainbridge has facilitated site visits to school districts that have already implemented one-to-one programs. During these full day visits, the teachers observed actual lessons and mature instructional programs. The teachers learned of the challenges and the successes of early adopters.
All of the teachers in Phase 1 will become resources to the staff members in the later phases. They can provide relevant, immediately available support for the staff.

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

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

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

SUNY Cortland

9b. Enter the primary Institution phone number.

607-753-2011

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.

Chris Widdal

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

Are there nonpublic schools within your school district?

☑ Yes
☐ No

10a. Describe your plan to loan purchased hardware to nonpublic schools within your district. The plan should use your district's nonpublic per-student loan amount calculated below, within the framework of the guidance. Please enter the date by which nonpublic schools must request classroom technology items. Also, specify in your response the devices that the nonpublic schools have requested, as well as in the in the Budget and the Expenditure Table at the end of the page.

During 2017, an Amish community opened a one room school inside the Bainbridge-Guilford Central School District. This facility has no electricity and they have declined any participation in the Smart Schools Project.

10b. A final Smart Schools Investment Plan cannot be approved until school authorities have adopted regulations specifying the date by which requests from nonpublic schools for the purchase and loan of Smart Schools Bond Act classroom technology must be received by the district.

☑ By checking this box, you certify that you have such a plan and associated regulations in place that have been made public.

11. Nonpublic Classroom Technology Loan Calculator

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

See:

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

	1. Classroom Technology Sub-allocation	2. Public Enrollment (2014-15)	3. Nonpublic Enrollment (2014-15)	4. Sum of Public and Nonpublic Enrollment	5. Total Per Pupil Sub-allocation	6. Total Nonpublic Loan Amount
Calculated Nonpublic Loan Amount	(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.

	Sub-Allocation
Interactive Whiteboards	0
Computer Servers	0
Desktop Computers	0
Laptop Computers	178,250
Tablet Computers	0
Other Costs	2,100
Totals:	**180,350**

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
Laptop Computers	HP Chromebook CB11 G5	775	230	178,250
Other Costs	ANI-1248SUR: 12 Outlet / 48in Metal Rack Mount Power Strip - Surge Protected	35	60	2,100

Pre-Kindergarten Classrooms

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

(No Response)

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

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

(No Response)

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

(No Response)

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

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

Project Number
(No Response)

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

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

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

Pre-Kindergarten Classrooms

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

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)

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.

Bainbridge-Guilford Central Schools believes that all students are more successful when learning in a safe a secure learning environment. There are several components to a secure learning environment and Bainbridge Guilford wants to address two of these in their first Smart Schools submission. At Greenlawn Elementary, the district wishes to improve the security at their main entrance with a Capital Intensive project. The building has a double door vestibule. An individual enters the first door. At that point the second door is locked and the parent or community member is required to be identified and approved before they can actually enter the instructional portion of the building. The second door remains locked pending that process. The problem is that the district needs a secure window from the Main Office into that vestibule. Currently, the district relies on an unsecured residential window. With this secure window, while the individual will be asked to provide their identification documents for visual review before being approved for entry, the office employee will be secured behind hardened, bullet proof glass.

The second component of the plan is the emergency classroom communication system. The current system is a traditional analog phone system. It doesn't reach certain areas of the building and in some areas the service is unreliable. The new system is a Voice over IP system. It is carried by the district computer network. All areas of the district will be served reliably by this system. Additionally, this system can be managed with pre-loaded messages that can be delivered simultaneously to individual phones, groups of phones, or every phone in the district. A message such as "intruder in the building, shelter in place" can be delivered quickly to all phones.

With the current system, a 9-11 call is identified by building. The district can tell if a 9-11 call has been placed from Guilford or Greenlawn, but they can't identify where in the building. Emergency responders would have to search the entire building to locate the individual in need of assistance. The new system can identify the source to the individual phone. A 9-11 call can be identified as Room 121 at Bainbridge-Guilford High School. Responders will know the location while they are still en-route. The main office will also be notified when the call is placed. No longer will they be surprised when the emergency responders arrive.

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
08-02-01-04-7-999-BA1
08-02-01-04-7-999-001

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
James R. King	15925

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)	24,000
Electronic Security System	135,947
Entry Control System	0
Approved Door Hardening Project	0
Other Costs	8,500
Totals:	**168,447**

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
Electronic Security System	SHO-10223 Rack Mount Tray Kit for SG switch 1U half width, holds two 1U half width voice switches(US Only)	3.00	43	129
Electronic Security System	SHO-10401 Satellite microphones for IP Phone IP655, Qty 2(US Only)	4.00	127	508
Electronic Security System	SHO-10429 IP Phone IP655 with anti-glare screen - (Requires ShoreTel 11.1 or later)(US Only)	5.00	487	2,435
Electronic Security System	SHO-10498 IP Phone IP485g - Requires ShoreTel 14 or later(US Only)	10.00	279	2,790
Electronic Security System	IP Phone IP485g	50.00	382	19,100
Electronic Security System	Voice Switch ST50A	1.00	1,300	1,300
Electronic Security System	SHO-10524 Voice Switch ST100A, 1U half-width. Max Capacities: 100 IP Phones, 6 Analog Exts, 14 SIP Trunk, 8 LS Trks.	1.00	2,080	2,080
Electronic Security System	SHO-10525 Voice Switch ST100DA, 1U half-width. Max Capacities: 100 IP Phones, 6 Analog Exts, 38 SIP Trunk, 2 LS Trks, 1 Dig. Trunk (T1 or E1).	2.00	3,965	7,930
Electronic Security System	On site support for IP 420G required for first year install	10.00	149	1,490
Electronic Security System	IP Phone IP420g	118.00	246	29,028
Electronic Security System	SHOREWARE EMERGENCY NOTIFICATION SOFTWARE 5 or fewer(US Only)	1.00	3,575	3,575

High-Tech Security Features

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	SHO-30044 ADDITIONAL SITE LICENSE(US Only)	2.00	322	644
Electronic Security System	Paging adapter SHO-80165	3.00	29	87
Electronic Security System	SHO-94111 Partner Support (1 Year, No Phones)(US Only) Required for system install	1.00	11,186	11,186
Electronic Security System	Labor for Installing Demarcs	3.00	3,750	11,250
Electronic Security System	AMC-0001 All-Mode Programmin, Installation, Training, and post-cutover support	1.00	23,420	23,420
Electronic Security System	Power Fail Red Telephones	5.00	49	245
Electronic Security System	Labor for Cable Runs	10.00	375	3,750
Capital-Intensive Security Project	Security Intercom Aiphone	1.00	2,000	2,000
Capital-Intensive Security Project	Remote Door Latch System	1.00	3,000	3,000
Capital-Intensive Security Project	Secure Transaction Window	1.00	5,000	5,000
Capital-Intensive Security Project	Materials for Associated Renovations to Walls, lobby and Main Office for installation of the security Window	1.00	5,000	5,000
Capital-Intensive Security Project	Labor for Associated renovations to Walls, Lobby and Main office for installation of the Security window	1.00	5,000	5,000
Capital-Intensive Security Project	Security glazing for windows in the lobby area	1.00	4,000	4,000
Electronic Security System	3mp interior camera	1.00	1,000	1,000
Other Costs	Construction incidentals for Security Window Installation	1.00	5,000	5,000
Electronic Security System	Cat 6A Cable connections for emergency classroom communications	35.00	400	14,000
Other Costs	Construction Incidentals for Cat 6A connections for emergency classroom communication	1.00	3,500	3,500