

Smart Schools Investment Plan - 2016-17 Version (Original) - Request 3 - Security Cameras, CBs

SSIP Overview

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Institution ID

80000033924

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

Barbara E Pamper

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

5853354000

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

pamperb@dansvillecsd.org

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

Supplemental submission

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

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

District Educational Technology Plan Submitted to SED and Approved

4. Pursuant to the requirements of the Smart Schools Bond Act, the planning process must include consultation with parents, teachers, students, community members, other stakeholders and any nonpublic schools located in the district.

By checking the boxes below, you are certifying that you have engaged with those required stakeholders. 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

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

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

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.**

DansvilleCSDSMARTSchoolsInvestmentPlan_(2)_(1).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://core-docs.s3.amazonaws.com/uploads/2bf36ac9b19efd61a254f9ad923cd6b6/DansvilleCSDSMARTSchoolsInvestmentPlan%20\(2\).pdf](https://core-docs.s3.amazonaws.com/uploads/2bf36ac9b19efd61a254f9ad923cd6b6/DansvilleCSDSMARTSchoolsInvestmentPlan%20(2).pdf)

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

1,787

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:**

\$1,803,760

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	

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	Sub-Allocations
	0
Classroom Technology	150,000
Pre-Kindergarten Classrooms	0
Replace Transportable Classrooms	0
High-Tech Security Features	0
Totals:	150,000

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Classroom Learning Technology

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1. In order for students and faculty to receive the maximum benefit from the technology made available under the Smart Schools Bond Act, their school buildings must possess sufficient connectivity infrastructure to ensure that devices can be used during the school day. Smart Schools Investment Plans must demonstrate that sufficient infrastructure that meets the Federal Communications Commission’s 100 Mbps per 1,000 students standard currently exists in the buildings where new devices will be deployed, or is a planned use of a portion of Smart Schools Bond Act funds, or is under development through another funding source. Smart Schools Bond Act funds used for technology infrastructure or classroom technology investments must increase the number of school buildings that meet or exceed the minimum speed standard of 100 Mbps per 1,000 students and staff within 12 months. This standard may be met on either a contracted 24/7 firm service or a "burstable" capability. If the standard is met under the burstable criteria, it must be:
 1. Specifically codified in a service contract with a provider, and
 2. Guaranteed to be available to all students and devices as needed, particularly during periods of high demand, such as computer-based testing (CBT) periods.

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

Dansville's current capacity exceeds the minimum requirement for connectivity speed. This is verified by regular school checks internally by IT Staff and verified by our regional BOCES (EduTech Wayne-Finger Lakes BOCES)

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

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

2. Connectivity Speed Calculator (Required)

	Number of Students	Multiply by 100 Kbps	Divide by 1000 to Convert to Required Speed in Mb	Current Speed in Mb	Expected Speed to be Attained Within 12 Months	Expected Date When Required Speed Will be Met
Calculated Speed	1,507	150,700	150.7	300	(No Response)	(No Response)

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.

Dansville's bandwidth capacity has been verified by our regional BOCES (EduTech Wayne-Fingerlakes BOCES). IT staff monitor bandwidth usage in the district by taking random snapshots of it at different times during the day. We average less than our allotment of bandwidth.

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.

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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.**

Electrical power in each classroom is sufficient to run requested classroom technology equipment. There are sufficient outlets and devices will not be plugged into extension cords. Chromebooks will replace older models in 3 grade levels to continue to maintain our 1:1 and adequately prepare the district for NYS ELA and Math 3-8 assessments to be CBT for us in 2017-2018. Chromebooks are replaced cyclically so that no grade level, nor staff has Chromebooks that are out of date and not dependable.

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?")

Enhancing differentiated instruction - G-Suite allows greater collaboration and differentiating of instruction. In addition since teachers can rely on each student having a device in good working order we have worked continuously in recent years on student centered curriculum and instruction and have purchase computer based support programs to individualize instruction support for each student and to monitor their progress more closely to better pinpoint interventions. The SMART bond funds have been crucial to our instructional and curricular goals to increase teaching and learning. Maintaining the 1:1 environment in the best condition is the main goal of our SSIP.

Expanding student learning inside and outside the classroom - G-Suite makes learning inside and outside the classroom more engaging, and available to student, and faculty. Teachers have attended PD in house and at other locations and many are now very advanced in web based applications, student-centered instruction, and the use of effective instructional technology to improve teaching and learning. Teachers are readily available for colleague-to-colleague PD. Examples of apps, add-ons, and programs we have attended and hosted are: iReady, Google Classroom, Google Hangouts, G-Suite, Google Forms, ThingLink, Hyperdocs, video making, authentic research with instructional technology, iPad training with NYSCATE and Apple, Programming with Code.org and MIT, and open source computer programming courses in Scratch, Python, etc. Students and staff and community report overwhelmingly positive learning enhancements with the 1:1 based on responses to our annual surveys, most recent administered in May 2017. The expenditure of these funds ensure our continued drive toward excellence as this submission seeks to replace inventory of Chromebooks in accordance with our replacement plan.

Benefits for English Language Learners and Special Education - the district has less than 3% ELL students, however, we do not exclude them and their needs from instructional technology planning and purchasing. Their unique learning needs are part of our planning and access to online learning aimed at the ELL population enhances their learning, from translation software, read aloud add-ons etc. Having devices in good working order support these efforts, and makes them possible. Special Education students are similarly key to our planning. We believe technology can play a key role in helping reduce dependence on others for our students with disabilities and help them live independently and access the general education curriculum to maximize their learning. Staff are pleased with student engagement in technology as well as the ability to tailor instruction and to provide individualized support instruction online for greater time spent in instruction for students. Access to the general education curriculum is key to special education students' learning and reliable access to personal devices makes this possible.

Contributing to the reduction of other learning gaps that have been identified within the district - Formative and summative assessment as well as ongoing progress monitoring are all enhanced by instructional technology. Student progress can be more closely monitored with online assessments and reporting tools. In addition interventions can be monitored for their effect on student learning. In addition instruction individualized for students is a regular part of the school day and thus students receive more instruction specifically targeted at gaps in learning according to NYS Learning Standards. A robust RTI/MTSS is in place and enhanced by technology especially in up-to-date progress monitoring data and individualized instruction to aid teachers in planning the best intervention to address learning gaps.

This submission allows us to continue to focus on student learning and improving student learning and teachers instruction.

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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.**

G-Suite with individual Chromebooks provides many and varied ways to enhance ongoing communication with parents. Google Classroom has a parent feature and our student management system has a parent portal as well. We also reach out to parents in our annual surveys. Faculty and student access to their own device increases home-school communication. Parents can use these to access the student management system. G-Suite allows cloud based collaboration between students and students and teachers on documents, presentations, and sheets real time from anywhere with our closed district intranet. This request continues that functionality

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."

In the period covering July 1, 2017 through the summer 2018, instructional technology PD is always a key part of offerings for administrators, teachers, and staff. PD focuses on transforming instruction to enhance student learning. We gauge effectiveness by overall student performance on online assessments, NYS assessments, and progress monitoring programs. We also survey staff, students, and parents for perceptions and needs. We offer PD throughout the school year in house and regionally. We maintain a Professional Development website - My Learning Plan - where staff can see PD offerings locally and regionally, register for PD, and record PD (CTLE) hours. We offer mini-academies (in place of some faculty meetings), Appy Hours after school, PD during conference days on a variety of instructional technology topics for the staff who are still beginning to those more advanced. This school year just ended we hosted regional technology institutes and partnered with NYSCATE in a Virtual Reality summit. This summer we will continue our instruction technology integration - all teacher teams will work part of their summer hours in transforming instruction with an instructional technology coach. We will also offer a ThingLink 360 bootcamp, NYSCATE iPad summit, and a 2 day instructional technology summit. These will focus on topics such as based and advanced G-Suite and Google Classroom, researching with technology, ThinkLink, My Maps, Hyperdocs, websites, Interactive Whiteboard training, and in our new online assessment program iReady. Teachers collaborate with each other informally, formally, and frequently as many by now are quite expert and have presented PD all over the state. We also have an instructional technology coach available to teachers at all times. She also works with administrators on teachers on instilling Digital Citizenship

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 Geneseo

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

585-245-5560

- 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.**

Anjoo Sikka, PhD., Professor & Dean, Ella Cline Shear School of Education

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- 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.

	Sub-Allocation
Interactive Whiteboards	0
Computer Servers	0
Desktop Computers	0
Laptop Computers	150,000
Tablet Computers	0
Other Costs	0
Totals:	150,000

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- 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	Chromebooks	500	300	150,000