

## Smart Schools Investment Plan - vcsdssba1

## SSIP Overview

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

Robert Carte

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

518 765-3313 ext 314

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

rcarte@voorheesville.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.

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 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.

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## SSIP Overview

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- 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.

VCSD Final Smart Schools Investment Plan.pdf

VCSD Preliminary Smart Schools Investment Plan.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.

1,187

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:

\$483,870

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	22,240
Connectivity Projects for Communities	0
Classroom Technology	280,761
Pre-Kindergarten Classrooms	0
Replace Transportable Classrooms	0
High-Tech Security Features	44,271
<b>Totals:</b>	<b>347,272</b>

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## School Connectivity

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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.

Voorheesville Central School District has raised the speed of its Internet Connection from 100Mbps to 150Mbps for the 2016-17 school year.

- 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	1,187	118,700	118.7	150Mbps	150Mbps	Currently 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.

In January of 2015 the Voorheesville Central School District completed a building project that upgraded all network switches and wired all elementary classrooms with drops for future wireless expansion. We hope to use Smart Schools Bond Act funds to add and replace wireless access points throughout the district to support the new 802.AC wireless standard.

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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 Voorheesville Central School District has several technology initiatives in place. The district will be formalizing our BYOD (Bring Your Own Device) program in our middle school and high school. Teachers are encouraged to use digital tools such as tablets and laptops to facilitate student collaboration, communication and creativity. Providing all students with access to the Google Apps for Education platform supports these objectives. No matter what the device the student uses, Google Apps and Google Classroom become the linchpin for all collaborative and digital learning in the district. It is our hope that the wireless connectivity upgrades proposed in this application will double our current capacity and allow for online testing in the future.

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.**

In addition to increasing our Internet bandwidth, we will replace all outdated access points to the newest 802.11ac wireless standard. This will allow for better connectivity for all students and faculty. Each room in the district will be able to handle 100 concurrent connections in a meshed wireless environment. We will also expand connectivity in our larger common spaces allowing for more than 400 concurrent users. We currently have over 700 student devices working on a daily basis on our wireless network. The new wireless access points will allow us to better shape the type of traffic that is allowed to the student devices. For instance, we will be able to block streaming music, but still allow it on access points serving the music department.

We currently have to throttle bandwidth to our student portion of the wireless network. With the expansion of our Internet connection to 150Mbps and upgrades to our wireless network we will improve the wireless experience for students in the district.

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
01-10-03-06-7-999-BA1

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.

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School Connectivity

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Name	License Number
Michael Fanning	18194

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	19,970
Outside Plant Costs	794
School Internal Connections and Components	1,476
Professional Services	0
Testing	0
Other Upfront Costs	0
Other Costs	(No Response)
<b>Totals:</b>	<b>22,240</b>

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](mailto: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	Ubiquiti 24 Port Gigabit POE Switch	3	492	1,476
Network/Access Costs	Ubiquiti AC Pro Access Points (5pack)	12	620	7,440
Outside Plant Costs	Ubiquiti AC Outside Access Points	2	397	794
Network/Access Costs	Meraki MR 42 Access Points	15	708	10,620
Network/Access Costs	Meraki MR 72 Access Points	2	955	1,910

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Community Connectivity (Broadband and Wireless)

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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)
<b>Totals:</b>	<b>0</b>

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](mailto:smartschools@nysed.gov).  
Add rows under each sub-category for additional items, as needed.

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Community Connectivity (Broadband and Wireless)

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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)

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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.

1. Voorheesville Central School District has raised the speed of its Internet Connection from 100Mbps to 150Mbps for the 2016-17 school year.

- 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	1,187	118,700	118.7	150Mbps	150Mbps	Currently 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.

In addition to increasing our Internet bandwidth, we will replace all outdated access points to the newest 802.11ac wireless standard. This will allow for better connectivity for all students and faculty. Each room in the district will be able to handle 100 concurrent connections in a meshed wireless environment. We will also expand connectivity in our larger common spaces allowing for more than 400 concurrent users.

We currently have over 700 student devices working on a daily basis on our wireless network. The new wireless access points will allow us to better shape the type of traffic that is allowed to the student devices. For instance, we will be able to block streaming music, but still allow it on access points serving the music department.

We currently have to throttle bandwidth to our student portion of the wireless network. With the expansion of our Internet connection to 150Mbps and upgrades to our wireless network we will improve the wireless experience for students in the district.



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Classroom Learning Technology

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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.

Over the past five years technology funding has decreased each year. These funding cuts have not allowed us to continue a regular replacement cycle with our classroom and lab computers. The Smart School Bond act will allow us to replace most of the district's traditional desktops, many of which are over 7 years old.

We currently are a PC based school district, the proposed PC purchases will connect to our Windows 7 network with no issues. We also have invested in over 200 Chromebooks over the past three years. The proposed 220 additional Chromebooks will allow our students much greater access to Google Apps and Google Classroom.

We also would like to purchase Nureva's Span System for our new middle school and high school collaboration spaces (former computer labs). The Nureva Span system allows up to 20 students to work on an interactive wall that is 20 feet long by 6 feet high. Since the interactive wall is cloud based, students can use any device to contribute files and images to the wall. The student can work from an alternative location if need be.

We are also purchasing 3D printers for our new STEM initiatives at every building.

Our electrical capacity is adequate in all locations. We have added air conditioning to our Art/Music Lab as of July 2016. All other lab spaces have air conditioning units.

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## Classroom Learning Technology

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**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?"

Differentiated instruction tailored to each students' learning, using such technology tools as voice to text and visual learning , levels the playing field for all students including students with disabilities and English language learners. Many of our ELL and students with disabilities use Chromebooks and programs like Read, Write, Web to read information from the Internet to them.

The availability and access to technology will serve to enhance teachers' abilities to differentiate instruction and meet the needs of diverse students.

The use of Google Apps for Education in grades 2--12, and the proposed purchase of 220 Chromebooks, will help our district expand learning outside the traditional classroom and traditional school day.

Students who may not have access to technology at home will be able to sign out Chromebooks in their respective library, just as easily as they once signed out books.

Educational technology has been shown to help special needs student populations in many ways. By integrating technology into teachers' instructional strategies, special needs students are likely to become more self- motivated in their learning, exhibit more responsible and mature behavior, and continue their educational careers.

We currently supply laptops to most special education students to allow them access to programs such as Kurzweil 3000, Bookshare and Learning Ally. All three of these programs allow our special needs students to operate in a general education classroom by modifying material presented by the classroom teacher.

Using Google Apps for Education formative assessments are more readily accessible for timely feedback and to inform instructional decisions.

Through professional development, teachers will refine their use of these technologies to meet the diverse needs of all students to enhance overall performance and reduce the achievement gap.

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## Classroom Learning Technology

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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.**

We currently have a Parent Portal that provides parents with ongoing progress reports. With the purchase of the new computers and Chromebooks, we will implement a new learning management system (LMS) throughout the district. A good LMS improves collaboration, engages students, and allows users to share instructional materials, best practices and more on a local and global scale. Many of our teachers have also begun to use Skype and Google Hangouts to partner with classrooms around the world.

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."**

It's not enough to fill K-12 classrooms with technology and hope that teachers will embrace the new tools and integrate them into their daily lessons. In fact, if there's one thing that districts have learned during this information age it's this: Without adequate support and motivation educators will retreat to their old ways of teaching. To that end, we have developed a professional model that includes a great deal of variety and flexibility. Below you will find some examples.

**Basic Skills Training**

The current teacher population needs additional training on Microsoft Office Products, Google Apps and how to leverage basic online resources. Much of this work is done with the web based Atomic Learning website.

**Project Based Curriculum Training**

Examples of this type of training would be "Creating an Historical Newsletter" using an interdisciplinary approach with English and Social Studies or "Creating Internet Resource Sites"

**Training by Grade Level or Subject**

For example, all Social Studies teachers or all Special Education could gather for specific curriculum training. This type of situation would encourage the sharing of knowledge and train less computer savvy members of staff in an informal setting and encourage an environment of constant learning.

**District Staff Training Days**

In addition to the above resources, the district should have one Superintendent's Conference day annually devoted to provide staff with technology learning opportunities.

**Technology Mentor Program**

The Technology Mentor program should be developed to identify teachers with advanced technology integration skills and pair them up with other teachers to help show these teachers ways that technology can be successfully integrated into the curriculum. Teachers who would be good models should be provided with the necessary time, support, and equipment to properly mentor their assigned colleagues.

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-Albany

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

(518) 442-3300

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- 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.

Robert Bangert-Drowns

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](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.

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Classroom Learning Technology

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	Sub-Allocation
Interactive Whiteboards	19,980
Computer Servers	0
Desktop Computers	117,954
Laptop Computers	130,035
Tablet Computers	(No Response)
Other Costs	12,792
<b>Totals:</b>	<b>280,761</b>

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](mailto: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
Interactive Whiteboards	Nureva Span (20ft by 6ft) Interactive Wall	2	9,990	19,980
Desktop Computers	Dell Optiplex Desktops	158	515	81,370
Desktop Computers	HP Z220 Workstation (for CAD)	8	826	6,608
Laptop Computers	Macbook Pro	4	693	2,772
Laptop Computers	Dell Latitude E6520	96	519	49,824
Laptop Computers	CTL NL6B Chromebooks	311	249	77,439
Other Costs	Chromebooks Carts	6	660	3,960
Other Costs	Dremel Idea Builder 3D Printer	4	999	3,996
Other Costs	MakerBot 2X Desktop 3D Printer	2	2,418	4,836
Desktop Computers	IMac 21.5 Inch	24	1,249	29,976

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## Pre-Kindergarten Classrooms

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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)
<b>Totals:</b>	<b>0</b>

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](mailto:smartschools@nysed.gov).  
Add rows under each sub-category for additional items, as needed.

**Smart Schools Investment Plan - vcsdssba1**

Pre-Kindergarten Classrooms

Page Last Modified: 10/03/2016

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 - vcsdssba1

Replace Transportable Classrooms

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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)
<b>Totals:</b>	<b>0</b>

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](mailto: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)



## Smart Schools Investment Plan - vcsdssba1

## High-Tech Security Features

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

The Voorheesville Central School District intends to install intruder hardware in approximately 125 classrooms on the elementary school and middle school/high school campuses. This hardware would provide a significant upgrade to the current hardware on the doors and would improve security in the event of a lockdown. Currently, teachers must find a key and go outside the room to lock door. The hardware would allow for a simple non key locking system from the inside. Additional security cameras will be purchased and installed at the middle school/high school campus to enhance building security.

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
01-10-03-06-7-999-BA1

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
Michael Fanning	18194

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	4,410
Entry Control System	(No Response)
Approved Door Hardening Project	39,861
Other Costs	(No Response)
<b>Totals:</b>	<b>44,271</b>

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## High-Tech Security Features

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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](mailto: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
Approved Door Hardening Project	Classroom Intruder Hardware Locksets	59	533	31,461
Approved Door Hardening Project	Labor to install locksets	1	8,400	8,400
Electronic Security System	Security cameras to replace older CCTV cameras.	30	147	4,410

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Report

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