

Smart Schools Investment Plan - Nanuet93-01

SSIP Overview

Page Last Modified: 09/15/2016

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

Ursula Carbone

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

845-627-9895

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

ucarbone@nanuetsd.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.

Smart Schools Investment Plan - Nanuet93-01

SSIP Overview

Page Last Modified: 09/15/2016

- 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.

NUFSD_SSID_2016.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.

2,733

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:

\$670,759

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

	Sub-Allocations
School Connectivity	0
Connectivity Projects for Communities	0
Classroom Technology	338,469
Pre-Kindergarten Classrooms	0
Replace Transportable Classrooms	0
High-Tech Security Features	0
Totals:	338,469

Smart Schools Investment Plan - Nanuet93-01

School Connectivity

Page Last Modified: 06/01/2016

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

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

1. Specifically codified in a service contract with a provider, and
2. Guaranteed to be available to all students and devices as needed, particularly during periods of high demand, such as computer-based testing (CBT) periods.

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

(No Response)

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

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

2. Connectivity Speed Calculator (Required)

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

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

(No Response)

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

(No Response)

Smart Schools Investment Plan - Nanuet93-01

School Connectivity

Page Last Modified: 06/01/2016

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

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

(No Response)

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

Project Number
(No Response)

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

Was your project deemed eligible for streamlined review?

(No Response)

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

Name	License Number
(No Response)	(No Response)

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

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

Smart Schools Investment Plan - Nanuet93-01

School Connectivity

Page Last Modified: 06/01/2016

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

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

Smart Schools Investment Plan - Nanuet93-01

Community Connectivity (Broadband and Wireless)

Page Last Modified: 06/01/2016

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

(No Response)

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

(No Response)

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

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

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

(No Response)

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

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

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

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

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

Smart Schools Investment Plan - Nanuet93-01

Community Connectivity (Broadband and Wireless)

Page Last Modified: 06/01/2016

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 - Nanuet93-01

Classroom Learning Technology

Page Last Modified: 09/15/2016

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

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

The District has completed an extensive infrastructure upgrade within the past year and a half. The first stage of the upgrade was installing Managed Fiber to physically connect buildings located off campus into the network. (Our on-campus buildings were already connected via underground fiber.) Once the managed fiber project was completed, all fiber connections were tested and certified for 10GB connectivity between buildings. The next stage of the project was certifying the potential for 10 GB connectivity between closets within buildings. Once this certification was complete, the third phase of the project included replacing all wiring closets switches and hardware in order to be able to utilize the 10GB connectivity between closets within the buildings. In conjunction with the replacement of equipment and upgrade of the network, the District contracted with the Lower Hudson Regional Information Center to provide additional bandwidth to exceed the minimum speed standard of 100Mbps per 1,000 Students and staff.

- 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	2,189	218,900	218	250	250	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.

Working with the Lower Hudson Regional Information Center and using Annual Installment Purchase Agreements through the LHRIC for funding purposes, the District continues to make infrastructure a priority. Wi-Fi access points have been placed in all classrooms and learning areas throughout the District's buildings. Hallways, cafeterias, auditoriums, libraries and other large spaces have multiple access points installed. Saturation to enable reliable access has been achieved and is maintained through an ongoing cycle of access point and switch electronics upgrade and or replacement.. The wireless bandwidth has been tested and exceeds the capacity needed to support the number of wireless devices available in buildings, as well as personal devices that may connect on a day-to-day basis.

Smart Schools Investment Plan - Nanuet93-01

Classroom Learning Technology

Page Last Modified: 09/15/2016

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.**

The District intends to purchase Chromebooks with storage and charging carts, Tablets, Interactive White Boards, Projection Devices, Electronic Displays. All classrooms and teaching locations in the District are equipped with multiple electrical receptacles that are powered by surge protected electrical panels; these receptacles are separate and clearly distinguished from the regular electrical outlets in classrooms and teaching locations. Chromebooks, Tablets and Electronic Displays will use this electrical infrastructure to charge and power the equipment. Interactive White Boards and Projection Units are replacing existing broken equipment and will also use the existing technology electrical infrastructure to power the equipment. Technical staff will be responsible for maintaining the Chromebooks and Tablets and ensuring that the equipment is registered on the wireless controllers. Technical staff will also be responsible for provisioning (licensing) the Chromebooks and registering them in the District’s Google domain. The District will provide the financing for the licenses needed to provision the Chromebooks so that they are able to be used on site.

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?”

The proposed technology purchases support the District’s Instructional Technology Plan which includes addressing the needs of students with disabilities, assistive technology, success for our English Language Learners, and raising the academic achievement bar for the entire student population. With respect to Special Education and English Language Learners, the Director of Special Education and Special Education teaching staff as well as the English Language Learner Coordinator and staff have direct input into requests for technology purchases to support students and program. Hardware recommendations are made by staff and are based on the physical and/or academic needs of the students. Applications used with hardware devices provide data that is then used to measure progress or adjust program accordingly. The devices allow for individualized curriculum and participation in the general curriculum. Data collected from ongoing Clarity Technology Surveys, analysis of collected data - with the assistance of the Lower Hudson Regional Information Center and BrightBytes - provides measurable information that is then used to target gaps within areas of learning for all students. In addition, data teams analyze performance results provided to the District from the LHRIC Data Warehouse and local assessments to continually monitor academic progress for all students. Curriculum adjustments are made based on decisions of these teams. The proposed technology purchases will help facilitate discussion, recording, and sharing of data to facilitate the academic decision-making process.

Smart Schools Investment Plan - Nanuet93-01

Classroom Learning Technology

Page Last Modified: 09/15/2016

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.**

The District's Instructional Technology Plan includes the piloting of Google Apps for Education through the use of Chromebooks in classrooms. The pilot has been highly successful. One example of this success is as follows: students and teachers in the Rockland County BOCES/Nanuet site-based partnership classrooms have been able to collaborate with students and staff in remote locations, expanding the concept of "classroom" to a wider region and population. Lessons are shared and students collaborate with a larger audience of their peers. Nanuet teachers have developed lessons designed to collaborate with students nationally and internationally; "distance" learning is now at teachers' and students' fingertips. The proposed technology purchases supports a further design and development of the original pilot to build on and increase these models of learning.

Smart Schools Investment Plan - Nanuet93-01

Classroom Learning Technology

Page Last Modified: 09/15/2016

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

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

The District plans to continue to provide staff development for administrators, teachers, assistants, aides, as well as students. Following is a report of Professional Development that has been conducted during the 2015 - 2106 school year. Results of the most recent Clarity survey, achievement data from the LHRIC's Data Warehouse, State testing results, local assessment achievement data and discussions with staff will be used to delineate and prioritize Professional Development opportunities. Hardware purchases outlined in the District's Investment Plan will provide the ability for staff and students to embed the learning that takes place during Professional Development sessions into classroom practice.

Date	Forum	Purpose	Participants	Outcome	Clarity Reference	SED PD Standard	Duration	Delivery Format
09/01/15	Teacher Professional Development Workshop	Train teachers in curriculum planning using Google Drive and Google Classroom	Teachers K-12	Teachers set up Google Clasrooms and Google Drive to design collaborative digital assignments to be used with students.	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	3 Hours	Workshop
09/28/15	5th Grade Team Meeting	Train teachers in curriculum planning using Google Drive and Google Classroom	5th Grade Teachers	Teachers set up Google Clasrooms and Google Drive to design collaborative digital assignments to be used with students.	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	30 Minutes	Team Meeting
09/29/15	5th Grade Science Class	Introduction to Google Apps for Education Accounts	Half of 5th grade students in District	Students become familiar with the GAFE environment. Check accounts and access.	21st Century Learning	Standards 1, 2, 4, 5, 6, 9	45 Minutes	Classroom Lesson
09/30/15	5th Grade Science Class	Introduction to Google Apps for Education Accounts	Half of 5th grade students in District	Students become familiar with the GAFE environment. Check	21st Century Learning	Standards 1, 2, 4, 5, 6, 9	45 Minutes	Classroom Lesson

Smart Schools Investment Plan - Nanuet93-01

Classroom Learning Technology

Page Last Modified: 09/15/2016

10/05/15	9th Grade HS ELA Classes	Introduction to Google Apps for Education Accounts	All 9th grade students in District	accounts and access. Students become familiar with the GAFE environment. Check accounts and access.	21st Century Learning	Standards 1, 2, 4, 5, 6, 9	45 Minutes	Classroom Lesson
10/05/15	After School Workshop for HS Teachers	Train teachers in curriculum planning using Google Drive and Google Classroom	HS Teachers	Teachers set up Google Clasrooms and Google Drive to design collaborative digital assignments to be used with students.	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	1 Hour	Workshop
10/06/15	10th Grade HS ELA Classes	Introduction to Google Apps for Education Accounts	All 10th grade students in District	Students become familiar with the GAFE environment. Check accounts and access.	21st Century Learning	Standards 1, 2, 4, 5, 6, 9	45 Minutes	Classroom Lesson
10/06/15	After School Workshop for HS Teachers	Train teachers in curriculum planning using Google Drive and Google Classroom	HS Teachers	Teachers set up Google Clasrooms and Google Drive to design collaborative digital assignments to be used with students.	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	1 Hour	Workshop
10/07/15	6th Grade ELA Class	Introduction to Google Apps for Education Accounts	Half of 6th grade students in District	Students become familiar with the GAFE environment. Check accounts and access.	21st Century Learning	Standards 1, 2, 4, 5, 6, 9	45 Minutes	Classroom Lesson
10/08/15	6th Grade ELA Class	Introduction to Google Apps for Education Accounts	Half of 6th grade students in District	Students become familiar with the GAFE	21st Century Learning	Standards 1, 2, 4, 5, 6, 9	45 Minutes	Classroom Lesson

Smart Schools Investment Plan - Nanuet93-01

Classroom Learning Technology

Page Last Modified: 09/15/2016

10/09/15	8th Grade SS Class	Introduction to Google Apps for Education Accounts	Half of 8th grade students in District	environment. Check accounts and access. Students become familiar with the GAFE environment. Check accounts and access.	21st Century Learning	Standards 1, 2, 4, 5, 6, 9	45 Minutes	Classroom Lesson
10/09/15	Department Chairs Meeting	Introduce Department Chairs Upcoming Google PD	Department Chairs	Brainstorm ideas for how teachers set up Google Classrooms and Google Drive to design collaborative digital assignments to be used with students.	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	1 Hour	Department Meeting
10/13/15	7th Grade SS Class	Introduction to Google Apps for Education Accounts	Half of 7th grade students in District	Students become familiar with the GAFE environment. Check accounts and access.	21st Century Learning	Standards 1, 2, 4, 5, 6, 9	45 Minutes	Classroom Lesson
10/13/15	6th Grade Team Meeting	Train teachers in curriculum planning using Google Drive and Google Classroom	6th Grade Teachers	Teachers set up Google Classrooms and Google Drive to design collaborative digital assignments to be used with students.	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	30 Minutes	Team Meeting
10/13/15	After School Workshop for MS Teachers	Train teachers in curriculum planning using Google Drive and Google Classroom	MS Teachers	Teachers set up Google Classrooms and Google Drive to design collaborative digital assignments to	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	1 Hour	Workshop

Smart Schools Investment Plan - Nanuet93-01

Classroom Learning Technology

Page Last Modified: 09/15/2016

10/14/15	7th Grade SS Class	Introduction to Google Apps for Education Accounts	Half of 7th grade students in District	be used with students. Students become familiar with the GAFE environment. Check accounts and access.	21st Century Learning	Standards 1, 2, 4, 5, 6, 9	45 Minutes	Classroom Lesson
10/14/15	After School Workshop for MS Teachers	Train teachers in curriculum planning using Google Drive and Google Classroom	MS Teachers	Teachers set up Google Clasrooms and Google Drive to design collaborative digital assignments to be used with students.	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	1 Hour	Workshop
10/15/15	11th Grade HS ELA Classes	Introduction to Google Apps for Education Accounts	All 11th grade students in District	Students become familiar with the GAFE environment. Check accounts and access.	21st Century Learning	Standards 1, 2, 4, 5, 6, 9	45 Minutes	Classroom Lesson
10/15/15	HS Technology Education and Library Media Specialist	Develop Curriculum for HS Computer Programming Course	HS Tech Ed and Library Media Specialist Teacher	Units developed using App Inventor for students to create Apps	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	1 Hour	Team Meeting
10/16/15	12th Grade HS ELA Classes	Introduction to Google Apps for Education Accounts	All 12th grade students in District	Students become familiar with the GAFE environment. Check accounts and access.	21st Century Learning	Standards 1, 2, 4, 5, 6, 9	45 Minutes	Classroom Lesson
10/19/15	8th Grade SS Class	Introduction to Google Apps for Education Accounts	Half of 8th grade students in District	Students become familiar with the GAFE environment. Check accounts and	21st Century Learning	Standards 1, 2, 4, 5, 6, 9	45 Minutes	Classroom Lesson

Smart Schools Investment Plan - Nanuet93-01

Classroom Learning Technology

Page Last Modified: 09/15/2016

10/19/15	After School Workshop for HV Teachers	Train teachers in curriculum planning using Google Drive and Google Classroom	HV Teachers	access. Teachers set up Google Clasrooms and Google Drive to design collaborative digital assignments to be used with students.	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	1 Hour	Workshop
10/20/15	After School Workshop for HV Teachers	Train teachers in curriculum planning using Google Drive and Google Classroom	HV Teachers	Teachers set up Google Clasrooms and Google Drive to design collaborative digital assignments to be used with students.	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	1 Hour	Workshop
10/21/15	ELA Department Meeting	Train teachers in curriculum planning using Google Drive and Google Classroom	HS ELA Teachers	Teachers set up Google Clasrooms and Google Drive to design collaborative digital assignments to be used with students.	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	1 Hour	Department Meeting
10/23/15	4th Grade Team Meeting	Train teachers in curriculum planning using Google Drive and Google Classroom	4th Grade Teachers	Teachers set up Google Clasrooms and Google Drive to design collaborative digital assignments to be used with students.	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	30 Minutes	Team Meeting
10/26/15	After School Workshop for Miller Teachers	Train teachers in curriculum planning using Google Drive and Google Classroom	Miller Teachers	Teachers set up Google Clasrooms and Google Drive to design collaborative digital assignments to be used with	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	1 Hour	Workshop

Smart Schools Investment Plan - Nanuet93-01

Classroom Learning Technology

Page Last Modified: 09/15/2016

10/27/15	1st Grade Team Meeting	Train teachers in curriculum planning using Google Drive and Google Classroom	1st Grade Teachers	students. Teachers set up Google Clasrooms and Google Drive to design collaborative digital assignments to be used with students.	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	30 Minutes	Team Meeting
10/27/15	After School Workshop for Miller Teachers	Train teachers in curriculum planning using Google Drive and Google Classroom	Miller Teachers	Teachers set up Google Clasrooms and Google Drive to design collaborative digital assignments to be used with students.	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	1 Hour	Workshop
10/28/15	Science Department Meeting	Train teachers in curriculum planning using Google Drive and Google Classroom	HS Science Teachers	Teachers set up Google Clasrooms and Google Drive to design collaborative digital assignments to be used with students.	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	1 Hour	Department Meeting
10/28/15	2nd Grade Team Meeting	Train teachers in curriculum planning using Google Drive and Google Classroom	2nd Grade Teachers	Teachers set up Google Clasrooms and Google Drive to design collaborative digital assignments to be used with students.	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	30 Minutes	Team Meeting
10/30/15	Kindergarten Team Meeting	Train teachers in curriculum planning using Google Drive and Google Classroom	Kindergarten Teachers	Teachers set up Google Clasrooms and Google Drive to design collaborative digital assignments to be used with	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	30 Minutes	Team Meeting

Smart Schools Investment Plan - Nanuet93-01

Classroom Learning Technology

Page Last Modified: 09/15/2016

11/04/15	Music Department Meeting	Train teachers in curriculum planning using Google Drive and Google Classroom	HS Music Teachers	students. Teachers set up Google Clasrooms and Google Drive to design collaborative digital assignments to be used with students.	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	1 Hour	Department Meeting
11/06/15	PE Department Meeting	Train teachers in curriculum planning using Google Drive and Google Classroom	HS PE Teachers	Teachers set up Google Clasrooms and Google Drive to design collaborative digital assignments to be used with students.	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	1 Hour	Department Meeting
11/09/15	Art Department Meeting	Train teachers in curriculum planning using Google Drive and Google Classroom	HS Art Teachers	Teachers set up Google Clasrooms and Google Drive to design collaborative digital assignments to be used with students.	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	1 Hour	Department Meeting
11/09/15	3rd Grade Team Meeting	Train teachers in curriculum planning using Google Drive and Google Classroom	3rd Grade Teachers	Teachers set up Google Clasrooms and Google Drive to design collaborative digital assignments to be used with students.	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	30 Minutes	Team Meeting
11/10/15	Math Department Meeting	Train teachers in curriculum planning using Google Drive and Google Classroom	HS Math Teachers	Teachers set up Google Clasrooms and Google Drive to design collaborative digital assignments to be used with	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	1 Hour	Department Meeting

Smart Schools Investment Plan - Nanuet93-01

Classroom Learning Technology

Page Last Modified: 09/15/2016

11/10/15	7th and 8th Team Meeting	Train teachers in curriculum planning using Google Drive and Google Classroom	7th and 8th Teachers	students. Teachers set up Google Clasrooms and Google Drive to design collaborative digital assignments to be used with students.	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	30 Minutes	Team Meeting
11/16/15	SS Department Meeting	Train teachers in curriculum planning using Google Drive and Google Classroom	HS SS Teachers	Teachers set up Google Clasrooms and Google Drive to design collaborative digital assignments to be used with students.	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	1 Hour	Department Meeting
11/17/15	Foreign Language Department Meeting	Train teachers in curriculum planning using Google Drive and Google Classroom	HS Foreign Language Teachers	Teachers set up Google Clasrooms and Google Drive to design collaborative digital assignments to be used with students.	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	1 Hour	Department Meeting
11/30/15	1st Grade Team	Using BeeBot Robots to Introduce Coding to students	1st Grade Teachers	Teachers integrate robots and coding into math lessons	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	1 Hour	Team Meeting
12/01/15	Science Department	Data Driven Instruction using Google Sheets for Item Analysis	HS Science Teachers	Teachers use Google Sheets to set up assessments, self grade and do an item analysis	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	1 Hour	Department Meeting
12/02/15	Foreign Language Department	Data Driven Instruction using Google Sheets for Item Analysis	HS Foreign Language Teachers	Teachers use Google Sheets to set up assessments, self grade and	21st Century Learning, Curriculum, Professional Development,	Standards 1, 2, 4, 5, 6, 9	1 Hour	Department Meeting

Smart Schools Investment Plan - Nanuet93-01

Classroom Learning Technology

Page Last Modified: 09/15/2016

				do an item analysis	ISTE Standards				
12/04/15	HS Technology Education and Library Media Specialist	Develop Curriculum for HS Computer Programming Course	HS Tech Ed and Library Media Specialist Teacher	Units developed using App Inventor for students to create Apps	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	1 Hour		Team Meeting
02/17/16	Math Department	Data Driven Instruction using Google Sheets for Item Analysis	HS Math Teachers	Teachers use Google Sheets to set up assessments, self grade and do an item analysis	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	1 Hour		Department Meeting
02/18/16	SS Department	Data Driven Instruction using Google Sheets for Item Analysis	HS SS Teachers	Teachers use Google Sheets to set up assessments, self grade and do an item analysis	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	1 Hour		Department Meeting
02/19/16	ELA Department	Data Driven Instruction using Google Sheets for Item Analysis	HS ELA Teachers	Teachers use Google Sheets to set up assessments, self grade and do an item analysis	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	1 Hour		Department Meeting
03/05/16	HS Technology Education and Library Media Specialist	Develop Curriculum for HS Computer Programming Course	HS Tech Ed and Library Media Specialist Teacher	Units developed using App Inventor for students to create Apps	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	1 Hour		Team Meeting
03/09/16	4th Grade Team	Teacher training in using Pro Bots to create geometry angles	4th Grade Teachers	Students use robotics and coding to create acute, obtuse, and angles of different measurements	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	1 Hour		Team Meeting
04/05/16	2nd Grade Team	Teacher training in Engineering is Elementary	2nd Grade Teachers	Teachers redesign science activities to	21st Century Learning, Curriculum, Professional	Standards 1, 2, 4, 5, 6, 9	6 Hours		Team Meeting

Smart Schools Investment Plan - Nanuet93-01

Classroom Learning Technology

Page Last Modified: 09/15/2016

04/21/16	4th Grade Team	STEM Activities and Design Cycle	4th Grade Teachers	include engineering and the Design Cycle	Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	6 Hours	Team Meeting
05/03/16	Foreign Language Department	Review Clarity Technology Survey Results. Introduce changes eChalk class pages and train on moving files over to Google Classroom.	Foreign Language Teachers	Teachers are debriefed on technology survey results. The results are used to discuss changes in the eChalk Class Pages and furthur use of Google Classroom.	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	1 Hour	Department Meeting
05/03/16	4th Grade Team	Review Clarity Technology Survey Results. Introduce changes eChalk class pages and train on moving files over to Google Classroom.	4th Grade Teachers	Teachers are debriefed on technology survey results. The results are used to discuss changes in the eChalk Class Pages and furthur use of Google Classroom.	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	1 Hour	Team Meeting
05/11/16	Science Department	Review Clarity Technology Survey Results. Introduce changes eChalk class pages and train on moving files over to Google Classroom.	Science Teachers	Teachers are debriefed on technology survey results. The results are used to discuss changes in the eChalk Class Pages and furthur use of Google Classroom.	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	1 Hour	Department Meeting
05/12/16	Special Education	Review Clarity Technology	HS Special Education	Teachers are debriefed on	21st Century Learning,	Standards 1, 2, 4, 5, 6, 9	30 Minutes	Department Meeting

Smart Schools Investment Plan - Nanuet93-01

Classroom Learning Technology

Page Last Modified: 09/15/2016

		Survey Results. Introduce changes eChalk class pages and train on moving files over to Google Classroom.	Teachers	technology survey results. The results are used to discuss changes in the eChalk Class Pages and furthur use of Google Classroom.	Curriculum, Professional Development, ISTE Standards			
05/13/16	Kindergarten Team	Review Clarity Technology Survey Results. Introduce changes eChalk class pages and train on moving files over to Google Classroom.	Kindergarten Teachers	Teachers are debriefed on technology survey results. The results are used to discuss changes in the eChalk Class Pages and furthur use of Google Classroom.	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	30 Minutes	Team Meeting
05/17/16	2nd Grade Team	Review Clarity Technology Survey Results. Introduce changes eChalk class pages and train on moving files over to Google Classroom.	2nd Grade Teachers	Teachers are debriefed on technology survey results. The results are used to discuss changes in the eChalk Class Pages and furthur use of Google Classroom.	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	30 Minutes	Team Meeting
05/17/16	6th Grade Team Department	Review Clarity Technology Survey Results. Introduce changes eChalk class pages and train on moving files over to Google Classroom.	6th Grade Teachers	Teachers are debriefed on technology survey results. The results are used to discuss changes in the eChalk Class Pages and furthur use of Google Classroom.	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	1 Hour	Team Meeting
05/19/16	Social Studies Department	Review Clarity Technology Survey Results. Introduce	Social Studies Teachers	Teachers are debriefed on technology survey results. The results are	21st Century Learning, Curriculum, Professional Development,	Standards 1, 2, 4, 5, 6, 9	30 Minutes	Department Meeting

Smart Schools Investment Plan - Nanuet93-01

Classroom Learning Technology

Page Last Modified: 09/15/2016

		changes eChalk class pages and train on moving files over to Google Classroom.		used to discuss changes in the eChalk Class Pages and furthur use of Google Classroom.	ISTE Standards			
05/20/16	7th Grade Team	Review Clarity Technology Survey Results. Introduce changes eChalk class pages and train on moving files over to Google Classroom.	7th Grade Teachers	Teachers are debriefed on technology survey results. The results are used to discuss changes in the eChalk Class Pages and furthur use of Google Classroom.	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	1 Hour	Team Meeting
05/25/16	ELA Department	Review Clarity Technology Survey Results. Introduce changes eChalk class pages and train on moving files over to Google Classroom.	ELA Teachers	Teachers are debriefed on technology survey results. The results are used to discuss changes in the eChalk Class Pages and furthur use of Google Classroom.	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	30 Minutes	Department Meeting
05/26/16	5th Grade Team	Review Clarity Technology Survey Results. Introduce changes eChalk class pages and train on moving files over to Google Classroom.	5th Grade Teachers	Teachers are debriefed on technology survey results. The results are used to discuss changes in the eChalk Class Pages and furthur use of Google Classroom.	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	30 Minutes	Team Meeting
05/26/16	8th Grade Team	Review Clarity Technology Survey Results. Introduce changes eChalk class pages and train	8th Grade Teachers	Teachers are debriefed on technology survey results. The results are used to discuss changes in the eChalk Class	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	1 Hour	Team Meeting

Smart Schools Investment Plan - Nanuet93-01

Classroom Learning Technology

Page Last Modified: 09/15/2016

05/27/16	Guidance Department	on moving files over to Google Classroom. Review Clarity Technology Survey Results. Introduce changes eChalk class pages and train on moving files over to Google Classroom.	Guidance Counselors	Pages and furthur use of Google Classroom. Teachers are debriefed on technology survey results. The results are used to discuss changes in the eChalk Class Pages and furthur use of Google Classroom.	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	30 Minutes	Workshop
05/31/16	Physical Education Department	Review Clarity Technology Survey Results. Introduce changes eChalk class pages and train on moving files over to Google Classroom.	PE Teachers	Teachers are debriefed on technology survey results. The results are used to discuss changes in the eChalk Class Pages and furthur use of Google Classroom.	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	1 Hour	Department Meeting
05/31/16	1st Grade Team	Review Clarity Technology Survey Results. Introduce changes eChalk class pages and train on moving files over to Google Classroom.	1st Grade Teachers	Teachers are debriefed on technology survey results. The results are used to discuss changes in the eChalk Class Pages and furthur use of Google Classroom.	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	1 Hour	Team Meeting
06/01/16	Music Department	Review Clarity Technology Survey Results. Introduce changes eChalk class pages and train on moving files over to Google Classroom.	Music Teachers	Teachers are debriefed on technology survey results. The results are used to discuss changes in the eChalk Class Pages and furthur use of Google Classroom.	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	1 Hour	Department Meeting

Smart Schools Investment Plan - Nanuet93-01

Classroom Learning Technology

Page Last Modified: 09/15/2016

06/02/16	4th Grade Team	Classroom. Use SMART Response to give Science Assessment and get item analysis	4th Grade Teachers	Classroom. Teachers put practice NYS Science Exam in to SMART Response and learn how to do item analysis	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	1 Hour	Team Meeting
06/06/16	Math Department	Review Clarity Technology Survey Results. Introduce changes eChalk class pages and train on moving files over to Google Classroom.	Math Teachers	Teachers are debriefed on technology survey results. The results are used to discuss changes in the eChalk Class Pages and furthur use of Google Classroom.	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	1 Hour	Department Meeting
06/07/16	After School Workshop Middle School Teachers	Introduction to new eChalk platform.	Middle School Teachers	Teachers are introduced to the new eChalk platform and roll over their classrooms and resources to the new system.	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	1 Hour	Workshop
06/09/16	After School Workshop High School Teachers	Introduction to new eChalk platform.	High School Teachers	Teachers are introduced to the new eChalk platform and roll over their classrooms and resources to the new system.	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	1 Hour	Workshop
06/15/16	After School Workshop High School Teachers	Introduction to new eChalk platform.	High School Teachers	Teachers are introduced to the new eChalk platform and roll over their classrooms and resources to the new	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	1 Hour	Workshop

Smart Schools Investment Plan - Nanuet93-01

Classroom Learning Technology

Page Last Modified: 09/15/2016

06/16/16	After School Workshop Middle School Teachers	Introduction to new eChalk platform.	Middle School Teachers	system. Teachers are introduced to the new eChalk platform and roll over their classrooms and resources to the new system.	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	1 Hour	Workshop
06/20/16	After School Workshop High School Teachers	Introduction to new eChalk platform.	High School Teachers	Teachers are introduced to the new eChalk platform and roll over their classrooms and resources to the new system.	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	1 Hour	Workshop
06/21/16	After School Workshop Middle School Teachers	Introduction to new eChalk platform.	Middle School Teachers	Teachers are introduced to the new eChalk platform and roll over their classrooms and resources to the new system.	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	1 Hour	Workshop
07/06/16	Teacher Professional Development Workshop	Introduction to new eChalk platform.	Teachers K-12	Teachers are introduced to the new eChalk platform and roll over their classrooms and resources to the new system.	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	1 Hour	Workshop
07/06/16	Teacher Professional Development Workshop	Train teachers in curriculum planning using Google Drive and Google Classroom	Teachers K-12	Teachers set up Google Clasrooms and Google Drive to design collaborative digital assignments to be used with	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	1 Hour	Workshop

Smart Schools Investment Plan - Nanuet93-01

Classroom Learning Technology

Page Last Modified: 09/15/2016

08/03/16	Teacher Professional Development Workshop	Introduction to new eChalk platform.	Teachers K-12	students. Teachers are introduced to the new eChalk platform and roll over their classrooms and resources to the new system.	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	1 Hour	Workshop
08/03/16	Teacher Professional Development Workshop	Train teachers in curriculum planning using Google Drive and Google Classroom	Teachers K-12	Teachers set up Google Clasrooms and Google Drive to design collaborative digital assignments to be used with students.	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	1 Hour	Workshop
09/01/16	Teacher Professional Development Workshop	Introduction to new eChalk platform.	Teachers K-12	Teachers are introduced to the new eChalk platform and roll over their classrooms and resources to the new system.	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	1 Hour	Workshop
09/01/16	Teacher Professional Development Workshop	Train teachers in curriculum planning using Google Drive and Google Classroom	Teachers K-12	Teachers set up Google Clasrooms and Google Drive to design collaborative digital assignments to be used with students.	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	1 Hour	Workshop
11/10/16	2nd Grade Team	Use WeDo Lego robotics to teach Design Cycle Engineering, and Coding	2nd Grade Teachers	Teachers integrate Lego WeDo robotics into their science units	21st Century Learning, Curriculum, Professional Development, ISTE Standards	Standards 1, 2, 4, 5, 6, 9	1 Hour	Team Meeting
12/11/16	Guidance Department	Train teachers in curriculum	Guidance Counselors	Teachers set up Google	21st Century Learning,	Standards 1, 2, 4, 5, 6, 9	30 Minutes	Workshop

Smart Schools Investment Plan - Nanuet93-01

Classroom Learning Technology

Page Last Modified: 09/15/2016

planning using Google Drive and Google Classroom

Classrooms and Google Drive to design collaborative digital assignments to be used with students.

Curriculum, Professional Development, ISTE Standards

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.

City College of New York

9b. Enter the primary Institution phone number.

212.650.5471

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.

Dr. Mary Erina Driscoll

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.

The Nanuet Union Free School District has one non-public school, St. Anthony's, within its boundaries. St. Anthony's anticipates having their requests for Smart Schools Bond Act technology ready at the end of March 2017 therefore, the non-public expenditures are included in "Other Costs". Our plan to loan hardware to the non-public school is as follows: purchased equipment will be delivered to the Nanuet Union Free School District, and inventory tagged. The make, model, serial number, location, funding source, etc. of the materials will be included in the District's hardware inventory database. This is not a new procedure. These procedures have been in place for all District owned technology related materials for over 26 years. The non-public School will be required to request use of devices annually by June 1st of each school year.

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.

Smart Schools Investment Plan - Nanuet93-01

Classroom Learning Technology

Page Last Modified: 09/15/2016

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	338,469	2,207	226	2,433	139	31,414

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	95,960
Computer Servers	0
Desktop Computers	0
Laptop Computers	163,011
Tablet Computers	2,700
Other Costs	76,798
Totals:	338,469

Smart Schools Investment Plan - Nanuet93-01

Classroom Learning Technology

Page Last Modified: 09/15/2016

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
Interactive Whiteboards	SMARTBoard with Projector/Audio	20	4,798	95,960
Tablet Computers	Asus ZenPad C7 7	30	90	2,700
Other Costs	LED Display 75	1	2,588	2,588
Other Costs	LED Display 40	6	705	4,230
Other Costs	Charging Cart for Tablet Computers	1	1,306	1,306
Other Costs	Charging Carts for Chromebooks	27	1,380	37,260
Other Costs	Undecided Non-Public Expenditures	1	31,414	31,414
Laptop Computers	Samsung Chromebooks	811	201	163,011

Smart Schools Investment Plan - Nanuet93-01

Pre-Kindergarten Classrooms

Page Last Modified: 04/14/2016

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

(No Response)

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

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

(No Response)

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

(No Response)

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

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

Project Number
(No Response)

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

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

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

Smart Schools Investment Plan - Nanuet93-01

Pre-Kindergarten Classrooms

Page Last Modified: 04/14/2016

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 - Nanuet93-01

Replace Transportable Classrooms

Page Last Modified: 06/01/2016

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)

Smart Schools Investment Plan - Nanuet93-01

High-Tech Security Features

Page Last Modified: 06/01/2016

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

(No Response)

- 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)

- Was your project deemed eligible for streamlined Review?

- Yes
- No

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

Name	License Number
(No Response)	(No Response)

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

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

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

- 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)

Smart Schools Investment Plan - Nanuet93-01

Report
