

SSBA - Special Education Schools - The Lowell School Grant Proposal

SSIP Overview

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

Deanne Proutjansky

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

7183522100

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

curriculum@thelowellschool.com

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

First submission

3. Pursuant to the requirements of the Smart Schools funding, the planning process must include consultation with parents, teachers and students.

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

4. 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 Smart Schools Investment Plan was posted on the school website for at least two weeks. The school included an address to which any written comments on the plan should be sent.
- The school board/trustees conducted a hearing that enabled stakeholders to respond to the Plan. This hearing may have occurred as part of a normal Board meeting, but adequate notice of the event must have been provided through the school website for at least two weeks prior to the meeting.
- The final proposed plan that has been submitted has been posted on the school's website and will remain for the duration of the related projects.

4a. Enter the webpage address where the final Smart Schools Investment Plan is posted. The Plan should remain posted for the life of the included projects.

www.thelowellschool.com

5. Your school's Smart Schools funding appropriation is:

\$67,894

6. Enter the budget sub-allocations by category that you are submitting for approval at this time. If you are not budgeting Smart Schools 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	3,100
Classroom Technology	64,794
Replacement of Transportable Classroom Units	0
High-Tech Security	0
<b>Totals:</b>	<b>67,894</b>

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School Connectivity

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

- Connectivity for High School and new switches. Install 5 new Access Points for Wireless Internet throughout the school. Install and configure new router. Configuration of wireless network.

2. Describe how the school plans to use digital connectivity and technology to improve teaching and learning.

The school plans to use connectivity to provide WiFi access in every classroom throughout the building. This is critical for using the iPads to promote learning. Our past experience with our connectivity includes failed connections to the internet, which have made it difficult for the students to use the iPads and other technology we presently have. By making these improvements, teachers will be able to plan and execute lessons effectively with the use of reliable and adequate technology connections.

3. Does your School Connectivity project require new construction or substantially altered space and result in capitalized cost in excess of \$100,000?

No

4. 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	1,775
Outside Plant Costs	0
School Internal Connections and Components	1,325
Professional Services	0
Testing	0
Other Upfront Costs	0
Other Costs	0
<b>Totals:</b>	<b>3,100</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 eligible for tax-exempt financing to be reimbursed with Smart Schools funds. 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). 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	Installation and configuration of equipment	1	1,200	1,200
Network/Access Costs	24 port Ubiquiti Edge Switch Lites	3	225	675
Network/Access Costs	UAP-AC-LR Access Points	4	125	500
Network/Access Costs	UAP-AC-PRO Access Point	1	200	200
Connections/Components	Cables for switches	1	125	125

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School Connectivity

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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
Network/Access Costs	Ubiquiti Edge Router PRO	1	400	400

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Classroom Learning Technology Equipment (Devices)

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**1. Describe the devices you intend to purchase and their compatibility with existing or planned platforms or systems.**

We intend to purchase 7 Interactive Whiteboards for our classrooms and 64 iPads for our students. Rooms are hard-wired for computer and smart board usage.

**2. Describe how the proposed technology purchases will improve teaching and learning inside or outside of the classroom.**

**Smart boards** will be installed in our classrooms. The SMART board is an interactive presentational device that addresses the diverse abilities and multiple learning styles of The Lowell School students. Teachers will be able to present common core curriculum utilizing visual, auditory and tactile stimuli. Kinesthetic learners can manipulate text and images with the touch of a finger. The Smart board helps students stay focused and engaged.

Interactive features include:

- Shared reading - informational text, stories, poems can be projected on the Smart board – teachers can highlight words, sentences and move text in documents and in websites
- Multisensory learners benefit from Smart board math tools - geometric shapes, angles, graphs, number lines, fractions. Teachers customize lessons and students demonstrate skills and concepts by manipulating hands-on tools.
- Student iPads connect to the Smart board - Students create presentations and activities on their iPads which can then be projected onto the SMART Board. Students can download lessons from the teacher, complete assignments on their iPads, and then beam them back to the SMART Board for display and discussion.
- Online resources - Teachers access many educational websites to teach and reinforce interactive lessons, including MobyMax, Reading A-Z, WorldbookOnline, Quizlet, BrainPop, GoMath and Scholastic.

Utilizing Smart boards will ensure that our teachers have access to the latest technology enabling our learning disabled students to develop the 21st century skills needed to succeed in today’s world.

**iPads** support and enhance core curriculum instruction.

- Enables struggling readers to engage with text through the use of e-books which allow students to read text with audio support, word-by-word tracking, and picture animation
- Provides text-to-speech building student comprehension of literature as well as content area material
- Provides the definition and pronunciation of any word on the screen by simply touching it and to add notes or highlighting to any section of text by tapping the screen.
- Facilitates responses to text Apps for educational purposes allow users to type or write on top of printed text or other backgrounds, to add pictures from the photo library, to insert symbols and stamps, and to graphically organize responses in virtually limitless ways.
- Provides options for the reader to record and replay their own voice with the text enhancing reading fluency
- Captures photos or videos for inclusion in classroom projects
- Apps for educational purposes allow students to research topics, take notes and write reports
- Keyboarding facilitates the completion of written assignments including students with poor graphomotor ability
- Executive functioning- The iPad will help students organize classwork, homework and schedules

The iPad program will help our students meet New York State standards and acquire literacy and math skills for life. This will allow our students to become productive self-sufficient citizens.

**3. To ensure the sustainability of technology purchases made with Smart Schools funds, schools must have a plan to maintain and support technology purchases reimbursed with Smart Schools funds. This sustainability plan should support recurring costs of use that are ineligible for Smart Schools 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.**

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

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

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

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Classroom Learning Technology Equipment (Devices)

5. Schools must contact the SUNY/CUNY teacher preparation program that supplies the largest number of the its 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.

5a. Please enter the name of the SUNY or CUNY Institution that you contacted.

Queens College

5b. Enter the primary Institution phone number.

718 997 5302

5c. 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.

Carol Hacker/Michelle Frabone

6. If you are submitting an allocation for Classroom Educational 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	33,497
Computer Servers	0
Desktop Computers	0
Laptop Computers	0
Tablet Computers	29,436
Other Costs	1,861
<b>Totals:</b>	<b>64,794</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 with Smart Schools funds. 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
Interactive Whiteboards	Interactive Whiteboards	7	4,785	33,495
Tablet Computers	Ipads	64	460	29,440
Other Costs	Ipad case with Keyboards	60	31	1,860

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Replace/Modernize Transportable Classrooms

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

(No Response)

2. Does your Classroom Trailer project require new construction or substantially altered space and result in capitalized cost in excess of \$100,000?

(No Response)

3. 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	0
Enhance/Modernize Existing Instructional Space	0
Other Costs	0
<b>Totals:</b>	<b>0</b>

4. 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 with Smart Schools funds. 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)	0	0

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High-Tech Security Features

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

(No Response)

2. Does your High-Tech Security project require new construction or substantially altered space and result in capitalized cost in excess of \$100,000?

(No Response)

3. 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
Electronic Security System	0
Entry Control System	0
Approved Door Hardening Project	0
Other Costs	0
<b>Totals:</b>	<b>0</b>

4. 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 with Smart Schools funds. 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)	0	0