

SSBA - Special Education Schools - Special Ed SSIP - SSIP - REECE SCHOOL 2017

SSIP Overview

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

Duncan Lester

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

(212) 289-4872 (Ext. 100)

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

duncan.lester@reeceschool.org

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.

<https://www.reeceschool.org/2018/11/smart-schools-bond-act-public-comment-period-announced/>

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

\$24,555

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	0
Classroom Technology	24,523
Replacement of Transportable Classroom Units	0
High-Tech Security	0
Totals:	24,523

SSBA - Special Education Schools - Special Ed SSIP - SSIP - REECE SCHOOL 2017

School Connectivity

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

(No Response)

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

(No Response)

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	(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

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. 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)

SSBA - Special Education Schools - Special Ed SSIP - SSIP - REECE SCHOOL 2017**Classroom Learning Technology Equipment (Devices)****1. Describe the devices you intend to purchase and their compatibility with existing or planned platforms or systems.**

The Reece School plans to purchase ASUS Chromebook laptops (C202SA) for student and teaching assistants use and DELL Latitude (3190) laptops for use by teachers.

The school's electrical, HVAC, and other existing infrastructure will handle the energy and Wi-Fi demands of these laptops without issue. The Reece School's contracted Information Technology consultant, Dan Deutsch, of Network Outsource, an IT support firm providing technology services for large and small organizations across Long Island and New York City, has performed a thorough assessment of the Reece School's data and digital capacities (referenced in the answer to question #3 of this section) and found no potential issues in operating 72 wireless laptops within the school building.

Once purchased and delivered, all new laptops will be programmed to ensure full compatibility with the Reece School's existing technological platforms and systems. Contracted information technology (IT) support staff will install all proper security programs prior to establishing secure connections to our internal network and intranet.

Given the ubiquity and utility of Google devices, the Reece School is actively moving towards a more Google-centric environment. With funding allocated specifically for acquisition of new classroom technology, purchasing Chromebook laptops as part of the Reece School's Smart Schools plan make the most sense. While Chromebooks are cheaper than most other portable computers, they provide all of the functionality that the school, its students, and its teachers need.

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

The Reece School is in need of a suite of new laptops that will be used by our students, teachers, and staff in classrooms throughout our building, located at 25 E 104th Street in New York City. With the quickening pace of technological advancement, many of our current machines are slow, inefficient, and incapable of handling the latest programs and applications used for teaching, reporting, and enrichment purposes.

Students will use these new machines to receive all manner of instruction, including, but not limited to, the use of Google Applications for Education and potentially online testing. Most importantly, Reece students who use these new Chromebooks will learn how to engage with technology in a way that better prepares them for success in high school – indeed, in the majority of public schools within New York City.

The proposed Classroom Technology purchases will also improve our teachers' (and our teaching assistants') ability to perform many of their daily tasks – from generating class reports and student grades to administrative record keeping and tracking to accessing school email accounts to enabling research on the Internet for curriculum development and enrichment purposes. Specifically, many of our teachers utilize their computers to create lesson plans and other instructional guides that require access to the absolute latest in best practices – information that is often available only through online resources and databases that need modern hardware and software for optimized performance. With outdated machines that run slowly and are often hampered by the progress of applications designed to run on machines with far more modern specifications and capabilities, Reece School teachers are sometimes forced to spend parts of their valuable workday waiting for programs to load properly and quickly, resulting in wasted time and energy that might otherwise be spent interacting with students and enriching their teaching materials.

As part of the Reece School's Smart Schools Investment Plan, Google's G-Suite was recently introduced to all teachers and teaching assistants. Additionally, the school will soon integrate Google Classroom – a cutting-edge education suite that helps students and teachers organize assignments, boost collaboration, and foster better communication – into classroom instruction and interaction. In partnership with educators across the country, Google Classroom was designed to streamline the way teachers manage their coursework. With Classroom, educators can create classes, distribute assignments, grade and send feedback, and see all of these elements in one centralized location. Classroom is free for schools and, like all Google for Education tools, meets high standards for security and stability.

Educators can track student progress to know where and when to give extra feedback. With simplified workflows, more energy can be focused on giving students constructive, personalized recommendations. With Classroom, teachers and students can sign in from any computer or mobile device to access class assignments, course materials, and feedback. Thanks to a simple setup and integration with G Suite for Education, Classroom streamlines repetitive tasks and makes it easy for teachers to focus on what they do best – teaching.

Additionally, the Reece School will soon begin construction on a series of capital improvements and expansions that will affect many educational spaces throughout the building. While the school is working diligently to find suitable places to relocate certain classrooms, this plan is fluid and subject to change. With a network of synced Chromebooks that are each paired with Google Classroom, the school can be more flexible and accommodating in terms of siting temporary classrooms during construction.

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.

SSBA - Special Education Schools - Special Ed SSIP - SSIP - REECE SCHOOL 2017

Classroom Learning Technology Equipment (Devices)

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.

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

The City College of New York

- 5b. Enter the primary Institution phone number.

(212) 650-7000

- 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.

Mary Driscoll, Dean, School of Education

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	(No Response)
Computer Servers	(No Response)
Desktop Computers	(No Response)
Laptop Computers	24,523
Tablet Computers	(No Response)
Other Costs	(No Response)
Totals:	24,523

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.

Add rows under each sub-category for additional items, as needed.

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
Laptop Computers	ASUS Chromebook C202SA	72	260	18,720
Laptop Computers	DELL Latitude 3190	7	829	5,803

SSBA - Special Education Schools - Special Ed SSIP - SSIP - REECE SCHOOL 2017

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

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	(No Response)
Enhance/Modernize Existing Instructional Space	(No Response)
Other Costs	(No Response)
Totals:	0

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. 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)

SSBA - Special Education Schools - Special Ed SSIP - SSIP - REECE SCHOOL 2017

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

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
Totals:	0

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. 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)