

SSBA - Special Education Schools - Special Ed SSIP - CHSC SSIP

SSIP Overview

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

Dara Russell

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

8456773251

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

drussell@cardinalhayeshome.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.

<http://hayesdayschool.org/smart-school/>

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

\$15,187

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	14,239
Classroom Technology	858
Replacement of Transportable Classroom Units	0
High-Tech Security	0
Totals:	15,097

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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.

Cardinal Hayes School for Special Children serves students with multiple disabilities and autism. Our campus consists of two buildings, the Main Building and the Annex. Several years ago, through a one-time grant, we equipped the Main Building with a Meraki Router wireless system. Our goal is to provide the same type of system, a Meraki Router and access points for our Annex building. Although we have wireless connections in the Annex, it is not sufficient to meet the needs of the many devices that require access throughout the day. Often, in the Annex, the connection is dropped, which causes challenges for students who lose tablet connection and frustration for teaching staff who are providing real-time lessons via the internet and suddenly lose their connection. In addition, with our current Hybrid teaching model, zoom lessons with students who are at home have become interrupted, causing a loss of a lesson and valuable learning time.

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

At Cardinal Hayes, we serve students with significant cognitive, sensory, medical and/or physical challenges. In doing so, our teachers and therapists rely on the internet to develop lessons that are interactive, standards-based and adaptable to meet the many needs of each individual student. Our classrooms are well equipped with laptops, interactive white boards and tablets. Our challenge comes when these multiple devices in the Annex are all vying for internet access simultaneously and from the far corners of our classrooms. Teachers rely heavily on the internet and the interactive white boards and iPads for lessons that are interactive and adaptable to reach each of their students. Students connect to the white boards via various types of switches and/or tablets. Something as simple as gaining “cause/effect” correlation can be a huge step towards a student’s understanding of how to interact with the world around them. When connections are lost, the impact of the lesson is unfortunately lost as well. Our students learn best with repetition and consistency; which becomes a challenge with weak internet access we have available in the Annex. Many students have their own tablets which are used for communication purposes as well as for rewards for completing group lessons and/or individual instruction. When given time to access their table freely as a reward and the internet connection is lost, not only is a challenging behavior likely to occur, but we have also lost a valuable lesson in “work to earn”. In addition, each classroom has a classroom iPad that is used for lessons, communication and rewqrd. Several iPads are greater than 6 years old and in need of replacement as they are no longer able to be updated. In today’s climate, we are also providing zoom lessons to students who have chosen to be completely remote in their education, and connections lost here cut in on very valuable instruction time. Moving forward we expect to continue to provide remote learning even when our current pandemic is behind us. Due to the needs of our student population, we often have students who require some type of specialized surgery which many times results in a lengthy recuperation at home. Our current experiences will now allow us to provide instruction via remote methods; provided we have strong internet connections to do so. Teachers and therapists are also looking to maintain stronger collaborative experiences through cloud-based sharing of lessons. Maintaining strong internet connections is critical for this. Our instruction and student learning will be greatly enhanced by gaining consistent and strong internet connections throughout both school buildings throughout the day on multiple devices by both students and staff.

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	14,239
Outside Plant Costs	0
School Internal Connections and Components	(No Response)
Professional Services	0
Testing	0
Other Upfront Costs	0

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School Connectivity

	Sub-Allocation
Other Costs	0
Totals:	14,239

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
Network/Access Costs	Meraki MR Access Point	1	799	799
Network/Access Costs	Meraki MS 48 Port Switch	2	6,520	13,040
Network/Access Costs	Server Rack	1	400	400

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Classroom Learning Technology Equipment (Devices)

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

We will purchase 2 iPads with 128GB of storage and WiFi capable. We currently have an iPad in each classroom that is used for educational activities, communication and as a reward for students as they complete their work. We currently have several iPads that are more than six years old and no longer able to be updated, therefore we will be looking to upgrade two of these.

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

We have found the iPads to be extremely instrumental in engaging students for educational activities; they are able to have fun, independently interact with the tablet while strengthening their attention, eye-hand coordination, visual perceptual skills, as well as math and ELA skills. Our iPads are also used to introduce various communication apps while helping to determine the best program for a student so a formal request can be made for an individualized tablet. Last, but certainly not least, the iPads are very strong reinforcers for many of our students; which also strengthens their success through reward.

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.

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.

SUNY New Paltz

5b. Enter the primary Institution phone number.

845-257-2800

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.

Dr. Rene Anthrop-Gonzalez

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	(No Response)
Tablet Computers	858

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Classroom Learning Technology Equipment (Devices)

	Sub-Allocation
Other Costs	(No Response)
Totals:	858

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
Tablet Computers	iPads	2.00	429	858

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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	(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)

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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
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)