

## SSBA - Special Education Schools - Mary Cariola Children's Center SSBA First submission #1

## SSIP Overview

Page Last Modified: 09/14/2017

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

Christine Sheffer

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

585-271-0761

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

csheffer@marycariola.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://www.marycariola.org/notices/>

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

\$94,815

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	7,537
Classroom Technology	87,278
Replacement of Transportable Classroom Units	0
High-Tech Security	0
<b>Totals:</b>	<b>94,815</b>

## SSBA - Special Education Schools - Mary Cariola Children's Center SSBA First submission #1

## School Connectivity

Page Last Modified: 09/14/2017

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

We are looking to purchase one Cisco Network Switch and nine Ruckus Access points.

The use of broadband, particularly when combined with assistive, interactive technology and applications, can help our students with disabilities participate in everyday activities. High-capacity broadband is already enabling more successful education and communication methods to be used that slower connection speeds could not handle. Teachers are using high speed broadband for administrative tasks, lesson planning, student assessment, and communication with other staff and parents. It will also improve the monitoring and management of student progress and achievement.

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

We plan to use the equipment we hope to receive as a means of developing and deploying enhanced interactive, assistive technologies. By engaging students more directly in the learning process, students are able to more fully participate in activities and quickly learn problem-solving skills.

Interactive Boards and tablets enhance instruction.

These connections allow for us to:

- Personalize learning for students at a pace that matches their own
- Share resources amongst teachers
- Provide more interactive classrooms

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	7,537
Outside Plant Costs	0
School Internal Connections and Components	(No Response)
Professional Services	0
Testing	0
Other Upfront Costs	0
Other Costs	0
<b>Totals:</b>	<b>7,537</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.**

**SSBA - Special Education Schools - Mary Cariola Children's Center SSBA First submission #1**School Connectivity

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Page Last Modified: 09/14/2017

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	Network switch	1	3,000	3,000
Network/Access Costs	Access Point	9	504	4,537

**SSBA - Special Education Schools - Mary Cariola Children's Center SSBA First submission #1**

## Classroom Learning Technology Equipment (Devices)

Page Last Modified: 10/16/2017

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

We intend to purchase twelve Clear Touch Interactive Boards. We currently have a few different types of interactive boards. Ordering the Clear Touch boards will provide consistency in the type of board we are using. The Clear Touch comes with a three year onsite warranty and our IT department is able to provide technical support for the Clear Touch.

We intend to purchase seventy-six iPads and seventy-six Otterbox cases. We currently own 56 iPads which are shared amongst 60 classrooms with a total of 430 students. We use a MDM or mobile device management system for our iPads. Our IT department also provides support of iPad use. Since our students tend to be rough on equipment and the iPads are shared amongst many classrooms we plan to purchase very sturdy cases from Otterbox. The additional iPads will help serve our students and teachers in a better fashion. Currently teachers are signing out iPads and scheduling the sign outs is time consuming and difficult because the demand for our small number is great. In addition, many of our students respond very well to learning on an iPad or to the reinforcement the iPad brings, it is almost a staple for our environment. Furthermore, we have found that our students transition after graduation to programs, that utilize tablets for scheduling, having practice with this technology makes the transition to adult environments more successful.

We intend to purchase one iPad cart for one of our school buildings. We currently have two carts for 4 different buildings which requires teachers to travel outside across a parking lot to retrieve their devices. This is an inefficient system that will be resolved with this additional cart.

For our professional development and curriculum purposes we intend to purchase a projector that will hook up to our laptops and is portable. This will allow us to present in different conference rooms, and provide professional development to our teachers, staff, and professionals. This projector will be portable and our staff will also be allowed to sign it out on an as needed basis. When teachers sign out the projector they will be using it for the purpose of projecting curriculum, such as our web based curriculum called Unique. They may use the projector to project from their laptops curriculum related videos and websites. In addition, we do have teachers train other teachers as well, so it will be used for Powerpoint presentations and professional development.

In addition we intend to purchase an EyeGaze Device and Tablet, to assist our non verbal students. Here at Mary Cariola we have an Assistive Technology specialist who helps to determine which low and/or high tech equipment best fits students' individual communication or accessibility needs and provides ongoing training and support for students, staff and families to implement the equipment across settings. Our Assistive Technology specialist will be able to determine need and test the EyeGaze device with students who may benefit. If determined that the student does benefit from trying out the device then we are able to pursue other monetary means to obtain a dedicated system for that student that is used across settings, such as home and school.

*\*The Eyegaze is an eye-operated communication and control system that empowers people with disabilities to communicate and interact with the world. By looking at control keys or cells displayed on a screen, a user can generate speech either by typing a message or selecting pre-programmed phrases. Eyegaze devices are being used to write books, attend school and enhance the quality of life of people with disabilities all over the world.  
\*adapted from <http://www.eyegaze.com/eye-tracking-assistive-technology-device/>*

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

We use an online based curriculum called Unique, currently teachers do not have a way to display the curriculum, other than through printed out worksheets, or going to our one Technology rooms which has an Interactive Board. This will bring the curriculum directly into their classrooms. This is crucial in our environment because we have non ambulatory students and students with high behaviors, which makes transitioning to a Technology room a challenge. Teachers will be able to save instructional time by not having to transport their students. They will be able to bring the online based books into their classroom and the books and comprehension questions are interactive.

The EyeGaze device helps students communicate with others, if they are nonverbal they are able to use their eyes and the device will then speak their thoughts for them. This is a great form of checking for understanding with nonverbal students.

**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.

## SSBA - Special Education Schools - Mary Cariola Children's Center SSBA First submission #1

## Classroom Learning Technology Equipment (Devices)

Page Last Modified: 10/16/2017

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.

SUNY Brockport

- 5b. Enter the primary Institution phone number.

5853952258

- 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. Hernandez

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	52,000
Computer Servers	0
Desktop Computers	0
Laptop Computers	0
Tablet Computers	33,324
Other Costs	1,954
<b>Totals:</b>	<b>87,278</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	Clear Touch Boards	12	4,333	52,000
Tablet Computers	iPads	76	399	30,324
Other Costs	iPad Cart	1	378	378
Other Costs	Otterbox Cases	76	4	304
Tablet Computers	EyeGaze Device Tablet	1	3,000	3,000
Other Costs	Projector	1	1,272	1,272

**SSBA - Special Education Schools - Mary Cariola Children's Center SSBA First submission #1**

Replace/Modernize Transportable Classrooms

Page Last Modified: 10/16/2017

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)	(No Response)	(No Response)

## SSBA - Special Education Schools - Mary Cariola Children's Center SSBA First submission #1

## High-Tech Security Features

Page Last Modified: 09/14/2017

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)	(No Response)	(No Response)