

# **SMART SCHOOLS INVESTMENT PLAN**

## **AMENDMENT 1**

**CANANDAIGUA CITY SCHOOL DISTRICT**

2020-21





# SMART SCHOOLS INVESTMENT PLAN OVERVIEW

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The Smart Schools Bond Act was passed in 2014 by a state-wide referendum. The Smart Schools Bond Act (SSBA) authorized the issuance of \$2 billion of general obligation bonds to finance improved educational technology and infrastructure to improve learning and opportunity for students throughout the State.

The guidelines for the use of the money focuses on four main areas of funds:

- Install high-speed broadband or wireless internet connectivity for schools and communities;
- Acquire learning technology equipment or facilities, including but not limited to interactive whiteboards, computer servers, and desktop, laptop, and tablet computers;
- Construct, enhance, and modernize educational facilities to accommodate pre-kindergarten programs, and to provide instructional space to replace classroom trailers; and/or
- Install high- tech security features in school buildings and on school campuses, including but not limited to video surveillance, emergency notification systems, and physical access controls.

Our district’s plan for the use of these funds was approved by the school board in 2016 and submitted to the New York State Education Department. The plan met the required elements including demonstrating students’ needs, minimal speed requirements for internet connectivity, professional development, technical support, and sustainability.

The district has been allocated \$2,256,756. The district applied for and was approved the spending plan totaling \$2,055,645 in only one of the categories outlined below.

Budget Category	Canandaigua City School District Sub-allocation	Non-Public School Sub- Allocations
School Connectivity	\$0	\$0
Classroom Technology	\$2,009,145	\$46,500
Classroom Construction	\$0	\$0
High- Tech Security	\$0	\$0
Unallocated Funds	\$201,111	

# PROPOSED CLASSROOM LEARNING TECHNOLOGY - 2016

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The Canandaigua City School District Smart Schools Investment Plan is to provide the following devices over a three-year period. The outline below shows the purchases that will be made for each plan year.

## Year 1 (2016/17)

- Chromebook and case for each Middle School and Canandaigua Academic & Career Center student.
- Chromebook and case for each Middle School, High School and Canandaigua Academic & Career Center teaching staff member.
- Classroom audio enhancement systems for each standard sized classroom in the district to allow the teachers voice to be amplified and distributed throughout the classroom.

## Year 2 (2017/18)

- Chromebook and case for each Academy student
- Chromebook and case for each teaching staff members of the Primary Elementary School grades 3-5.
- iPad and case for each teaching staff members of the Primary Elementary School grades PreK-2

## Year 3 (2018/19)

- Chromebook for each Primary Elementary student in grades 3-5.
- Chromebook charging cart for each grade 3-5 classroom
- iPad for each Primary Elementary student in grades PreK-2.
- iPad charging cart for each grade PreK-2 classroom

The following chart summarizes the total costs outlined in the above three-year plan.

Expenditure Type	Item to be purchased	Quantity	Cost per Item	Total Cost
Chromebooks	Dell Chromebook 11 – Touch Enabled	3,043	\$320	\$973,760
Chromebook Case	Belkin Air-Protect 11-inch Always-On Slim Case	3,043	\$25	\$76,075
Charging Cart	Earthwalk 30 slot Charging Cart	80	\$2,250	\$180,000
iPad	Apple iPad Air 2 32Gb Tablet	788	\$380	\$299,440
iPad Case	GumDrop Hideaway Case for iPad Air 2	788	\$60	\$47,280
iPad Charging Rack	Belkin Tablet Store-and-Charge Station	3	\$200	\$600
Classroom Amplification System	Audio Enhancement Sentinel XD System Pal - 4 Ceiling Speakers (KIT)	187	\$1,320	\$246,840
4 Speaker Classroom Amplification System Installation		187	\$590	\$110,330
Classroom Amplification System (existing speakers)	Audio Enhancement - Sentinel XD System Pal - No Speakers or Speaker wires	58	\$1,200	\$69,600
Existing speaker Classroom Amplification System Installation		58	\$90	\$5,220
				<b>\$2,009,145</b>

## AMENDMENT 1 PROPOSAL

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Much of the original outlined items in the original plan have been purchased and are currently in use by our faculty and staff. As we proceeded with the purchasing and implementation of the proposed plan several items had price changes by the time the purchase was made. Additionally, reductions to the scope were made due to efficiency decisions made by the district. The following list summarizes the changes to the original spending plan.

- 2825 Chromebooks have been purchased to date for students and staff Grades first through twelfth as part of our initial rollout of personally assigned devices.
- The district technology committee made the decision not to equip the Chromebooks with a case during the rollout. Our pilot programs showed the rugged educational models we purchased could hold up to the daily wear without the need for additional protection.
- A total of 245 classroom audio enhancement systems were installed for each standard sized classroom in the district to allow the teachers voice to be amplified and distributed throughout the classroom.
- All of the classroom audio enhancement systems were installed by district personnel which greatly decreased the cost of installation.
- A total of 302 iPads have been purchased to date for students and staff in first grade as part of our initial rollout of personally assigned devices. After the Smart Schools Plan was submitted the District Technology Committee decided to deploy Chromebooks to our second-grade class instead of iPads after additional trials in those classrooms.
- A total of 58 Chromebook charging carts were purchased for grade 2-5 classrooms. We did not need to purchase all of the carts in the plan because we were able to utilize some of our existing carts.
- iPad charging carts were not purchased because we were able to utilize some of our existing carts for this need.

The following chart summarizes the total costs from the last three years of spending.

Expenditure Type	Item to be purchased	Quantity	Cost per Item	Total Cost
Chromebooks	Dell Chromebook 11 – Touch Enabled	2825	\$339.93	\$960,295
Chromebook Case	Belkin Air-Protect 11-inch Always-On Slim Case	0	\$0	\$0
Charging Cart	Earthwalk 30 slot Charging Cart	58	\$689.65	\$40,000
iPad	Apple iPad Air 2 32Gb Tablet	302	\$367.94	\$111,118
iPad Case	GumDrop Hideaway Case for iPad Air 2	282	\$36.44	\$10,277
iPad Charging Rack	Belkin Tablet Store-and-Charge Station	0	\$0	\$0
Classroom Amplification System	Audio Enhancement Sentinel XD System Pal - 4 Ceiling Speakers (KIT) with installation	187	\$1,374.37	\$257,008
Classroom Amplification System (existing speakers)	Audio Enhancement - Sentinel XD System Pal - No Speakers or Speaker wires with installation	58	\$1,290.01	\$74,820
				<b>\$1,453,518</b>

With this revision of our Smart Schools Spending Plan we would like to utilize the funds remaining to purchase additional Chromebooks to replace some of the aging Chromebooks from our initial deployments of our personally assigned device initiative. We also need to adjust for price increases on the remaining approved Chromebooks from the original SSBA investment plan. We are fully prepared to continue the 3-year replacement cycle of the personally assigned devices utilizing district budget after these devices are purchased utilizing SSBA funding.

The following chart summarizes the item costs of the devices requested in this amendment.

Expenditure Type	Item to be purchased	Quantity	Cost per Item	Total Cost
Chromebooks	Chromebook 11 – Touch Enabled	1928	\$340	\$655,520
Chromebooks	Price increase for the remaining approved Chromebook 11 – Touch Enabled devices from the original SSBA Investment Plan	218	\$20	\$4,360

The following chart summarizes changes requested with this amendment submitted to the state education department requesting reallocation of unused funds previously approved and \$201,102 of the remaining \$201,111.00 unallocated funds from our original SSBA allocation.

Expenditure Type	Item to be purchased	Quantity	Cost per Item	Total Cost
Laptop Computers	11-inch touch screen Chromebook	1,968	\$340	\$669,120
Laptop Computers	11-inch touch screen Chromebook	3,043	\$20	\$60,860
Tablet Computers	Apple iPad Air 2	-486	\$380	-\$184,680
Tablet Computers	Apple iPad Air 2	302	-\$12	-\$3,624
Other Costs	Protective case for the Apple iPad Air2similar to the Gumdrop hideaway	-506	\$60	-\$30,360



Expenditure Type	Item to be purchased	Quantity	Cost per Item	Total Cost
Other Costs	Protective case for the Apple iPad Air2similar to the Gumdrop hideaway	282	\$23	\$6,486
Other Costs	Belkin Air-Protect 11-inch Chromebook case	-3,043	\$25	-\$76,075
Other Costs	30 slot Chromebook charging cart	-22	2,250	-\$49,500
Other Costs	30 slot Chromebook charging cart	58	-\$1,560	-\$90,480
Other Costs	30 slot Chromebook charging cart	-22	2,250	-\$49,500
Other Costs	iPad charging rack similar to the Belkin tablet store and charge	-3	\$200	-\$600
		<b>1,780</b>	<b>\$1,191</b>	<b>\$201,102</b>

St. Mary's School reported to the NYS Education department an enrollment of 146 students and Calvary Chapel Academy 40 in grades K-12 for the 2014-15 school year. The Smart Schools Bond Act guidance document states that classroom technology in an aggregate amount no greater than two hundred and fifty dollars (\$250) multiplied by the nonpublic school enrollment in the base year at the time of enactment can be loaned to the non-public school. St. Mary's is entitled a maximum value of \$36,500 and Calvary Chapel \$10,000 in loaned equipment purchased with the Smart Schools Bond funds using this formula.

St. Mary's has purchased the following items to be loaned to their students:

Expenditure Type	Item purchased	Quantity	Cost per Item	Total Cost
Laptop Computers	Dell Chromebook 11 – Touch Enabled	65	\$353	\$22,945
Interactive Whiteboard	SMART interactive flat panel display with wall mount and cables	3	\$4,332	\$12,997
Other	HDMI Cable	3	\$16.05	\$48.16
Other	PEERLESS TILT MOUNT39-80" TAA	3	\$86.24	\$258.73
			Total:	\$36,248.89

St. Mary's has **\$251.11** left of their maximum value of \$36,500 in loaned equipment purchased with the Smart Schools Bond funds.

Calvary Chapel Academy has purchased the following items to be loaned to their students.

Expenditure Type	Item to be purchased	Quantity	Cost per Item	Total Cost
Interactive Whiteboard	SMART interactive flat panel display	2	\$3,999	\$7,998
Other	CHIEF UNIVERSAL MOBILE PLASMA CART	1	\$610	\$610
Other	PEERLESS LCD Wall MOUNT39-80"	1	\$74	\$74
Other	HDMI Cable	2	\$17.19	\$34.37
			Total:	\$8,716.37

Calvary Chapel has **\$1,283.63** left of their maximum value of \$10,000 in loaned equipment purchased with the Smart Schools Bond funds. They plan to utilize \$1,140 of this remaining money to purchase three iPads for their STEM instruction.

The combined maximum dollar amount of loaned equipment based on the non-public enrollment multiplied by the \$250 per pupil cap is \$46,500. With the purchases outlined in this amendment an unallocated balance of \$405.74 is left these non-public schools are allowed collectively. The spending of these unallocated funds will be determined within a future addendum to this smart schools plan.

To learn more about the Smart Bond Act including FAQs and Guidelines go to:  
[http://www.p12.nysed.gov/mgtserv/smart\\_schools/](http://www.p12.nysed.gov/mgtserv/smart_schools/)

**Please direct any questions or comments to:**

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