

**PORTAGE PUBLIC SCHOOLS  
BOARD OF EDUCATION  
REGULAR BUSINESS MEETING  
PORTAGE PUBLIC SCHOOLS' ADMINISTRATION BUILDING, CONF. RM. #1, 8701 MUSTANG DRIVE,  
PORTAGE, MI 49002  
JANUARY 27, 2020, 6:30 PM  
AGENDA**

**VISION STATEMENT**

An exceptional, continuously improving learning culture with high expectations, committed to all!

**MISSION STATEMENT**

Portage Public Schools will educate all students to achieve their potential.

<b>I. CALL TO ORDER AND PLEDGE OF ALLEGIANCE</b>	
<b>II. REVISIONS/APPROVAL OF AGENDA</b>	<b>2</b>
<b>III. REPORTS</b>	
1. SUPERINTENDENT'S REPORT	3
a. BOND PROJECT UPDATE	
b. CHANGE ORDER SUMMARY / BOND BUDGET UPDATE	4
c. FINANCIAL REPORT	7
d. HGD REPORT	
<b>IV. BOARD EDUCATION - None</b>	
<b>V. COMMENTS OR COMMUNICATIONS</b>	<b>9</b>
1. BY CITIZENS	
2. BY BOARD TRUSTEES	
3. BOARD COMMITTEE REPORTS	
<b>VI. CONSENT AGENDA</b>	<b>10</b>
1. APPROVAL OF MINUTES	
a. JANUARY 13, 2020 SPECIAL & ORGANIZATIONAL MEETING / COMMITTEE OF THE WHOLE WORK SESSION	11
2. APPROVE CHS ORCHESTRA 2020 TRIP TO TORONTO	19
3. APPROVE CMS SECURITY CAMERA RECOMMENDATION	25
4. APPROVE CMS AUDIO / VISUAL SYSTEMS RECOMMENDATION	27
5. APPROVE CMS CHROMEBOOK PURCHASE RECOMMENDATION	29
6. APPROVE CMS STUDENT CHROMEBOOK CART PURCHASE	37
<b>VII. ASSURANCE OF DISTRICT PERFORMANCE - None</b>	
<b>VIII. REQUIRED ACTION ITEMS - None</b>	
<b>IX. ACTION ITEMS - None</b>	
<b>X. DISCUSSION ITEM - None</b>	
<b>XI. ADJOURN</b>	

**PORTAGE PUBLIC SCHOOLS  
BOARD OF EDUCATION – REGULAR BUSINESS MEETING  
ADMINISTRATION BUILDING – CONFERENCE RM #1  
JANUARY 27, 2020, 6:30 P.M.**

**Note Page**

**II. Revisions/Approval of Agenda**

**Recommended Motion:**

**Motion offered by \_\_\_\_\_, seconded by \_\_\_\_\_, that the Board of Education approve the Agenda as printed (or as amended).**



**Portage Public Schools - 2015 Bond Program  
Financial Update - work committed thru Bond Change Order 25**

Bond Proposal	Total Budget	Committed+Budgeted	Previous Variance	Current Variance	Change in Variance
1	128,000,000	126,346,011	(1,653,989)	(1,653,989)	0
2	16,000,000	15,919,521	(80,479)	(80,479)	0
			(1,734,468)	(1,734,468)	0

**Commitments to date:**

Bond Proposal 1	Budget	Actual/Committed	Previous Variance	Current Variance	Change in Variance
North Middle School & Site	34,367,860	31,829,826	(2,538,034)	(2,538,034)	0
Central Natatorium	10,257,973	10,274,626	16,653	16,653	0
Northern Campus Site	4,929,399	3,303,151	(1,626,248)	(1,626,248)	0
Central Middle School & Site	33,392,630	33,141,793	(250,837)	(250,837)	0
Central Campus Site	3,820,016	3,835,944	15,928	15,928	0
PCEC Building Renovation	3,953,086	545,709	(3,407,377)	(3,407,377)	0
West Middle School Renovation	6,504,205	8,324,394	1,820,189	1,820,189	0
Northern Natatorium	11,005,132	12,600,972	1,595,840	1,595,840	0
Professional Services	6,015,503	6,460,113	444,610	444,610	0
FF&E (Including Band Instruments)	3,433,644	4,068,428	634,784	634,784	0
Other	1,870,552	3,222,907	1,352,355	1,352,355	0
Busses	3,000,000	3,000,000	0	0	0
Technology	5,450,000	5,738,148	288,148	288,148	0
	128,000,000	126,346,011	(1,653,989)	(1,653,989)	0

Bond Proposal 2	Budget	Actual/Committed	Previous Variance	Current Variance	Change in Variance
Northern Stadium	8,106,466	7,314,099	(792,367)	(792,367)	0
Central Stadium	6,473,704	7,236,490	762,786	762,786	0
Professional Services	984,658	958,086	(26,572)	(26,572)	0
FF&E	133,572	245,951	112,379	112,379	0
Other	301,600	164,895	(136,705)	(136,705)	0
	16,000,000	15,919,521	(80,479)	(80,479)	0

**Future Enhancements (Not Included In Variance Calculations)**

\*Note: Bond 1 Northern Campus Site, Includes all non stadium components.

Bond 2 Northern Stadium, Includes all items within the stadium footprint (inside the perimeter fence), also the shot put & discuss areas.

Both Bond 1 & 2 Site and Stadium collectively are commonly referred to "NAEF" or "Northern Athletics Event Facilities".

January 16, 2020

**Change Orders by Construction Change Directives**  
**January 27, 2020**



**North Middle School - Bond Change Order 25 Reconciliations**

Description - Change Order 25	Bond Change Amount		Affected Contracts	Board Approval	Superintendent Approval	Other Approval
	1	2				
Rework masonry in the Corridor by Stair 1 which cracked due to temperature fluctuations in the building.	\$3,434	\$0	1			X
Provide 8' wide concrete sidewalk between PCEC bus loop and access drive.						
Replace existing sidewalk to the Oregon Avenue intersection with new 6' wide concrete sidewalk.	\$14,147	\$0	3			X
Provide new rigid galvanized dryer vent above ceiling (remove and replace ceiling tiles, (4) new cores through masonry).						
Install tectum panels in the Science and STEAM Rooms. This was in (3) separate parts for approval.	\$86,400	\$0	1			X
<b>Total Subcontract Change Orders in Bond Change Order 25</b>	<b>\$103,981</b>	<b>\$0</b>				

**Central AEF - Bond Change Order 25 Reconciliations**

Description - Change Order 25	Bond Change Amount		Affected Contracts	Board Approval	Superintendent Approval	Other Approval
	1	2				
Moved the shower faucets to accommodate the new drain locations per Building Inspector.	\$0	\$718	1			X
Existing toilets in the Team building need new sloan valves. C.L. Mahoney is approved to replace these (2) on a time and material basis. Switch to Sloan valves as directed by PPS.	\$0	\$804	1			X
<b>Total Subcontract Change Orders in Bond Change Order 25</b>	<b>\$0</b>	<b>\$1,522</b>				

**Central Middle School - Bond Change Order 25 Reconciliations**

Description - Change Order 25	Bond Change Amount		Affected Contracts	Board Approval	Superintendent Approval	Other Approval
	1	2				
Changes to data and security connections locations.	\$7,175	\$0	1			X
Upgrade metal panel cores. PE cores are no longer available and we upgrades to FR cores.	\$5,317	\$0	1			X
Provide and install a shaft wall for Trophy Case Area A (2nd Floor) per Fire Marshall.	\$2,108	\$0	1			X
Provide and install furred out walls in 1st, 2nd and 3rd Floor Work Rooms. To address a concerns on potential Masonry cracking due to column movements.	\$3,069	\$0	1			X
<b>Total Subcontract Change Orders in Bond Change Order 25</b>	<b>\$17,669</b>	<b>\$0</b>				

**North Natatorium - Bond Change Order 25 Reconciliations**

Description - Change Order 25	Bond Change Amount		Affected Contracts	Board Approval	Superintendent Approval	Other Approval
	1	2				
Building Fire and Safety code changes.	\$19,703	\$0	10			X
Revisions to the east parking lot drainage and the addition of a new infiltration basin as directed by the City of Portage.	\$59,213	\$0	2		X	
<b>Total Subcontract Change Orders in Bond Change Order 25</b>	<b>\$78,916</b>	<b>\$0</b>				

**West Middle School - Bond Change Order 25 Reconciliations**

Description - Change Order 25	Bond Change Amount		Affected Contracts	Board Approval	Superintendent Approval	Other Approval
	1	2				
Electrical and technology revisions for the Digital Fabrication Lab (extensive rework of wire mold).	\$19,199	\$0	2			X
Existing feeder conduits to the Area E Mezzanine panels conflict with new steel structure. Conduits and feeder to be rerouted.	\$42,892	\$0	1			X
Delete K13 acoustical ceiling spray in Fabrication 703 and Digital Fabrication 705. Paint exposed metal roof deck, structure, piping, ducts and conduit.	(\$4,841)	\$0	2			X
Replace deteriorated existing exterior doors ( 801.5, 705.3, 703.2, 703C.2 and 207.2) in Areas A & E.	\$17,650	\$0	3			X
The roof drain line insulation in Gymnasium needed to be replaces due to age, wear and deterioration.	\$4,819	\$0	1			X
Provide quarry tile base to match existing in lieu of rubber base (as scheduled) in Area A Corridor 800 and Lobby 800 at new brick walls.	\$1,110	\$0	1			X
Remove and replace existing ceiling grid in lieu of painting. Phase 2	\$35,004	\$0	2			X
Polished concrete floors in Digital Fabrication, Wood Shop and Art Room/Commons.	\$17,100	\$0	1			X
Replace ceiling panels in Music Support Rooms.	\$6,821	\$0	4			
Repair/replace existing joint sealants in the Gymnasium.	\$7,057	\$0	1			X
<b>Total Subcontract Change Orders in Bond Change Order 25</b>	<b>\$146,811</b>	<b>\$0</b>				

January 27, 2020

**Portage Public Schools**  
**General Fund Budget Progress Report by Function**  
**2019-2020 Fiscal Year**

	Six months ended December 31, 2019				Six months ended December 31, 2018			
	Initial Budget 2019-2020	% of total	Year-to-date activity	% of budget	Final Amended Budget 2018- 2019	% of total	Year-to-date activity	% of budget
<b>Revenue:</b>								
Local	18,716,722	19%	15,742,865	84%	18,649,329	19%	15,340,666	82%
State	68,619,273	71%	18,941,340	28%	67,920,621	70%	18,378,213	27%
Federal	1,156,445	1%	450,558	39%	1,485,541	2%	6,340	0%
Local payments-other districts	8,068,616	8%	2,355,295	29%	8,320,933	9%	2,185,131	26%
Other/Transfers in	<u>233,000</u>	0%	<u>5,189</u>	2%	<u>261,464</u>	0%	<u>31,630</u>	12%
<b>Total Revenue</b>	<b>96,794,056</b>	<b>100%</b>	<b>37,495,247</b>	<b>39%</b>	<b>96,637,888</b>	<b>100%</b>	<b>35,941,980</b>	<b>37%</b>
<b>Expenditures:</b>								
<b>Instruction</b>								
Basic Programs	50,808,114	52%	18,830,652	37%	50,486,873	52%	18,640,107	37%
Added Needs	<u>8,543,161</u>	9%	<u>3,262,887</u>	38%	<u>8,412,369</u>	9%	<u>3,003,882</u>	36%
<b>Total Instruction</b>	<b>59,351,275</b>	<b>61%</b>	<b>22,093,539</b>	<b>37%</b>	<b>58,899,242</b>	<b>61%</b>	<b>21,643,989</b>	<b>37%</b>
<b>Supporting Services</b>								
Pupil Support	6,736,255	7%	2,557,756	38%	6,604,797	7%	2,361,288	36%
Instructional Staff	4,888,849	5%	2,301,174	47%	5,174,503	5%	2,316,742	45%
General Administration	730,258	1%	386,221	53%	735,952	1%	380,210	52%
School Administration	5,147,123	5%	2,234,311	43%	5,264,287	5%	2,124,016	40%
Business	1,026,488	1%	543,856	53%	1,007,042	1%	525,430	52%
Operations and Maintenance	8,486,664	9%	4,304,827	51%	8,873,719	9%	4,017,258	45%
Transportation	3,498,357	4%	1,404,838	40%	3,446,946	4%	1,508,897	44%
Central Support Services	2,499,698	3%	1,546,735	62%	2,498,168	3%	1,468,519	59%
Other Support Services	1,474,831	2%	922,934	63%	1,755,373	2%	872,843	50%
Community Services	412,688	0%	209,431	51%	412,313	0%	209,341	51%
Childcare Services	<u>2,352,296</u>	2%	<u>1,090,778</u>	46%	<u>2,389,439</u>	2%	<u>1,187,763</u>	50%
<b>Total Supporting Services</b>	<b>37,253,507</b>	<b>38%</b>	<b>17,502,861</b>	<b>47%</b>	<b>38,162,539</b>	<b>39%</b>	<b>16,972,307</b>	<b>44%</b>
Other Financing Uses/Capital Outlay	<u>189,274</u>	0%	<u>101,391</u>	54%	<u>275,267</u>	0%	<u>93,024</u>	34%
<b>Total Expenditures</b>	<b>96,794,056</b>	<b>100%</b>	<b>39,697,791</b>	<b>41%</b>	<b>97,337,048</b>	<b>100%</b>	<b>38,709,320</b>	<b>40%</b>
Excess (deficiency) of revenues over expenditures	-		(2,202,544)		(699,160)		(2,767,340)	

**Portage Public Schools  
General Fund Budget Progress Report by Object  
2019-2020 Fiscal Year**

	Six months ended December 31, 2019				Six months ended December 31, 2018			
	Initial Budget 2019-2020	% of total	Year-to-date activity	% of budget	Final Amended Budget 2018- 2019	% of total	Year-to-date activity	% of budget
Salaries	48,209,775	50%	18,081,855	38%	47,716,908	49%	17,644,657	37%
Benefits	<u>32,334,257</u>	33%	<u>13,077,767</u>	40%	<u>31,582,034</u>	32%	<u>12,397,222</u>	39%
Total Salaries and Benefits	80,544,032	83%	31,159,622	39%	79,298,942	81%	30,041,879	38%
Purchased Services	10,067,321	10%	5,495,323	55%	10,892,059	11%	5,459,229	50%
Supplies	4,984,451	5%	2,557,084	51%	5,724,862	6%	2,746,696	48%
Capital outlay/Other	<u>1,198,252</u>	1%	<u>485,762</u>	41%	<u>1,421,184</u>	1%	<u>461,516</u>	32%
Total Expenditures	96,794,056	100%	39,697,791	41%	97,337,047	100%	38,709,320	40%



**PORTAGE PUBLIC SCHOOLS  
BOARD OF EDUCATION – REGULAR BUSINESS MEETING  
ADMINISTRATION BUILDING – CONFERENCE RM #1  
JANUARY 27, 2020, 6:30 P.M.**

**Note Page**

**VI. Consent Agenda**

1. Approval of Minutes
  - a. January 13, 2020 Special and Organizational Meeting/Committee of the Whole Work Session
  
2. Approve CHS Orchestra 2020 Trip to Toronto  
Approve the Portage Central High School’s Orchestra student trip to Toronto, Canada scheduled for June 12-15, 2020, as presented.
  
3. Approve CMS Security Camera Recommendation  
Approve the purchase and installation of security cameras from Presidio of Grand Rapids, MI, in a base amount of \$86,274.86, the funds for which to be drawn from the 2019 Bond Fund #1.
  
4. Approve CMS Classroom Audio / Visual Systems Recommendation  
Award a contract to Parkway Electric of Holland, MI for the purchase and installation of classroom audio / visual systems in a base amount of \$118,865, the funds for which to be drawn from the 2019 Bond Fund #1.
  
5. Approve CMS Chromebook Purchase Recommendation  
Approve the purchase of 755 Chromebooks from Inacomp TSG of Southfield, MI in an amount not-to-exceed \$151,762.55, the proceeds for which will come from the 2019 Bond Fund #1.
  
6. Approve CMS Student Chromebook Cart Purchase  
Approve the purchase of 29 Aver Chromebook Carts from CDWG of Chicago, IL in an amount not-to-exceed \$31,378, the proceeds for which will come from the 2019 Bond Fund #1.

January 27, 2020

**PORTAGE PUBLIC SCHOOLS  
BOARD OF EDUCATION  
SPECIAL MEETING AND ORGANIZATIONAL /  
COMMITTEE OF THE WHOLE WORK SESSION**

**January 13, 2020**

**SPECIAL MEETING**

The Special Meeting of the Board of Education of Portage Public Schools held on Monday, January 13, 2020, was called to order at 4:00 p.m. by President Van Antwerp in the Learning Lab of the Administration Building, 8107 Mustang Drive, Portage.

Board Trustees Present: Kurt Droppers, Terri Novaria, Rusty Rathburn, Celeste Shelton-Harris, Bo Snyder, Randy Van Antwerp, Joanne Willson

Board Trustees Absent: None

**REVISIONS/APPROVAL OF AGENDA**

**Motion offered by Mrs. Willson, seconded by Mr. Droppers, that the Board of Education approve the agenda as printed.**

**The motion carried unanimously.**

**COMMENTS OR COMMUNICATIONS**

There was no public comment.

Trustee Willson commented on Curious Kids and early childhood education.

**REPORTS**

**Hear Elementary Feasibility Study Update**

The last elementary feasibility update was presented at the December 9, 2019 board meeting. Today's update presented by C2AE representatives Mr. Robert McGraw and Mr. Thomas McKercher and Mr. Travis Sage of Stantec focused on options for the Board to consider.

Mr. McGraw began with a brief review of the Guiding Principles discussed at the last meeting. This lead into the focus of the meeting - review, consider and discuss options presented in five scenarios. Each scenario was examined and discussed at length. The next steps for C2AE and Stantec includes finalize the order of magnitude cost estimates, finalize preliminary implementation timelines, and compiling the feasibility study report.

With no further business to come before the Board, the special meeting was adjourned at 6:19 p.m.

## **ORGANIZATIONAL / COMMITTEE OF THE WHOLE WORK SESSION MEETING**

The Organizational Meeting/Committee of the Whole Work Session of the Board of Education of Portage Public Schools held on Monday, January 13, 2020, was called to order at 6:30 p.m. by President Van Antwerp in Conference Room #1 of the Administration Building, 8107 Mustang Drive. He welcomed the audience and the Pledge of Allegiance was recited.

Board Trustees Present: Kurt Droppers, Terri Novaria, Celeste Shelton-Harris, Rusty Rathburn, Bo Snyder, Randy Van Antwerp and Joanne Willson

Board Trustees Absent: None

### **REVISIONS/APPROVAL OF AGENDA**

**Motion offered by Mrs. Willson, seconded by Mr. Droppers, that the Board of Education approve the agenda as amended to move the 2020 field trip discussion item to the Superintendent's Report portion of the agenda.**

**The motion carried unanimously.**

### **ORGANIZATIONAL ITEMS**

**Election of Officers.** Per Mr. Van Antwerp, the Trustees holding board officer positions are the only Trustees that have expressed an interest in being considered as nominees for those positions; therefore, we have an uncontested slate of candidates. Mr. Van Antwerp called for a motion.

**Motion offered by Mr. Snyder, seconded by Mr. Droppers, that the Board of Education approve the nominations of Mr. Van Antwerp as Board President, Mrs. Novaria as Board Vice President, and Dr. Shelton-Harris as Board Secretary.**

**The motion carried unanimously.**

### **REPORTS**

#### **Superintendent's Report**

Superintendent Bielang welcomed four teacher interns from Western Michigan University that are serving at Moorsbridge Elementary, and they introduced themselves.

#### **Board of Education Recognition**

Superintendent Bielang paid tribute to the Board for their ongoing commitment and dedication to Portage Public Schools and public education. Each was presented with a token of appreciation.

#### **CHS Orchestra 2020 Trip to Toronto**

Dr. Michael Pascoe, Assistant Superintendent of Instruction and Assessment, introduced orchestra teacher, Ms. Silvia McClish. Ms. McClish reviewed information about the proposed 2020 orchestra trip to Toronto and responded to questions from the Board.

## **Community High Programming Update**

Mr. Clint Wagner, Principal of Community High School, presented an update that included a “look back” at PCEC, the services provided today, what brings students to Community High, staffing and building usage, and the future direction for the program. Mr. Wagner addressed questions from the Board.

## **Bond Project Update**

Mr. Ron Herron, Assistant Superintendent of Operations, provided an update on bond work activity. At Central Middle School, work is on schedule, outside work continues as weather permits. On the interior, drywall is going in on the third floor of the classroom wing and painting/finish work has started. Mechanical/electrical/plumbing rough-in work is nearing completion. At West Middle School, Phase III of the renovation is complete. Phase IV work started over the holiday break. Phase I work is nearing completion. Flooring options for the auxiliary gym are being explored. At North Middle School, punch list work and sound panel installation work continues. At the Northern Natatorium block work is taking place and the project is on schedule. Baseball and track punch list work will resume in the spring at the Central AEF. Mr. Herron addressed questions from Trustees.

## **Other**

Superintendent Bielang shared items of interest.

- KC Ready 4s is providing Curious Kids with \$100,372 in tuition assistance for children who are enrolled in our program. They are providing some level of tuition assistance for half day programming for 25 four-year olds and full-day tuition assistance for one three-year old. Since the 2014-15 school and including this year, KC Ready 4s has provided funding totaling \$245,380, and in addition, has provided on-site teacher mentor coaching, behavior and speech support, and family engagement workshops.
- We had eight of our schools recognized by MDE and Michigan’s Integrated Behavior and Learning Support Initiative (MIBLSI) for demonstrating strong outcomes and/or making progress related to meeting the needs of every learner through a multi-tiered framework. Community High School and the elementary schools: Amberly, Angling Road, Central, Lake Center, Moorsbridge, 12<sup>th</sup> Street and Woodland, received the Behavior Bronze recognition. In addition, Angling Road Elementary and Central Elementary each received the Reading Bronze recognition. Congratulations to each of those schools on this honor.
- The Michigan Elementary and Middle School Principals Association held their leadership awards banquet in December at which Lori Kirshman, Principal of Moorsbridge Elementary, was presented with the 2019 MEMSPA Region Honors Award from Region 4. Criteria considered for selection includes experience, participation in professional and civic organizations, and advancing the profession through service. Congratulations Lori!

## **COMMENTS OR COMMUNICATIONS**

President Van Antwerp opened the comments and communications portion of the meeting, and there being no public comment, he opened the floor for Board comment.

Mrs. Willson shared information regarding the NSBA Equity Conference she will attend on February 1, 2020.

Mr. Droppers thanked Mr. Van Antwerp, Mrs. Novaria and Dr. Shelton-Harris for their work as board officers.

Mr. Snyder piggybacked Mr. Dropper's comments.

## **CONSENT AGENDA**

**President Van Antwerp presented the following Consent Agenda items for approval by the Board of Education: that the Board of Education approve the December 9, 2019 Special and Regular Business Meeting Minutes, as presented; appoint Barb Atkinson, Administrative Assistant, as Recording Secretary to the Board of Education; designate the following depositories for school funds: Comp One, Chemical Bank, Flagstar Bank, First National Bank, Horizon Bank, Huntington Bank, JP Morgan Chase, Macatawa Bank, Mercantile Bank and PFM Investment Management; designate Mark Bielang, Ron Herron, Paula Johnson and Board Secretary Celeste Shelton-Harris as the persons authorized to use the safety deposit box, as presented; designate Paula Johnson, Director of Finance, as the Electronic Transfer Officer; and approve the 2020-21 Board of Education meeting scheduled, as presented.**

**There being no objection to the items, the motion carried unanimously.**

## **ASSURANCE OF DISTRICT PERFORMANCE**

### **Monitoring Report 1.1, Global Ends**

Superintendent Bielang shared introductory comments. Mr. Mike Huber, Director of Curriculum, presented the report. Individual reports on 1.1 were given in October, November, and December, each with a different measurement focus. This report provides a compilation and analysis of those reports. The presentation focused on summary dashboards. Mr. Huber reviewed a chart showing our performance over prior years and our performance against comparable districts. Mr. Huber responded to questions from Trustees.

**Motion offered by Mr. Snyder, seconded by Mrs. Willson, that the Board of Education accept as presented the Monitoring Report on 1.1, Global Ends, as a reasonable interpretation and evidence of compliance with policy.**

**The motion carried unanimously.**

### **Monitoring Report 1.5, Ends**

Superintendent Bielang highlighted areas of his report. As an example of a culture of collaboration and service to the community, he brought attention to the Portage Education Foundation and their work. In 2018-19, they gave just under \$60,000. He thanked all of the groups, schools and staff that contributed back to our community.

**Motion offered by Mrs. Willson, seconded by Dr. Shelton-Harris, that the Board of Education accept as presented the Monitoring Report on 1.5, Ends, as a reasonable interpretation and evidence of compliance with policy.**

**The motion carried unanimously.**

## **REQUIRED ACTION ITEMS**

### **Approve Enhancement Millage Resolution**

**Motion offered by Mrs. Willson, seconded by Mrs. Novaria, that the Board of Education approve the Regional Enhancement Millage Renewal Resolution, as presented.**

**The motion carried unanimously.**

## **ACTION ITEMS**

There were no action items.

## **DISCUSSION ITEMS**

### **CMS Security Camera Recommendation**

Mr. Dan Vomastek, Director of Information and Technology Systems, reviewed background information and the recommendation for the purchase and installation of security cameras in the new Central Middle School. The funds for the purchase would be drawn from the 2019 Bond Fund #1.

### **CMS Audio / Visual Systems Recommendation**

Background information and the recommendation for the purchase and installation of classroom audio/visual systems for the new Central Middle School was detailed by Mr. Dan Vomastek. The funds for the purchase would come from the 2019 Bond Fund #1.

### **CMS Chromebook Purchase Recommendation**

Mr. Dan Vomastek detailed the recommendation to purchase first grade Chromebooks, the funds for which will be drawn from the 2019 Bond Fund #1.

### **CMS Student Chromebook Cart Purchase Recommendation**

Mr. Vomastek detailed the recommendation to purchase Chromebook carts to house the Chromebooks used in our first grade classrooms. The funds will come from the 2019 Bond Fund #1.

With no further business to come before the Board, the meeting was adjourned at 7:40 p.m.

Respectfully submitted,

Barb Atkinson  
Recording Secretary

Portage Public Schools, Kalamazoo County, Michigan (the "District")

A Committee of the Whole Work Session/Organizational meeting of the board of education of the District (the "Board") was held in the Administration Building, 8107 Mustang Drive, Portage, MI 49002, within the boundaries of the District, on the 13th day of January, 2020, at 6:30 o'clock in the p.m.

The meeting was called to order by Randy Van Antwerp, President.

Present: Members Bo Snyder, Terri Novaria, Randy Van Antwerp, Celeste Shelton-Harris, Rusty Rathburn, Joanne Willson, Kurt Droppers

Absent: Members None

The following preamble and resolution were offered by Member Willson and supported by Member Novaria:

**WHEREAS:**

1. Section 705 of the Revised School Code authorizes a school district to request that the question of a regional enhancement property tax be submitted to the voters by the intermediate school district at the next regular school election, or at a special election if the request is made more than 180 days prior to such election date; and

2. This Board determines that it is in the best interest of the District to place a regional enhancement millage renewal question before the voters at a special election to be held on Tuesday, May 5, 2020, in accordance with Section 705 of the Revised School Code.

**NOW, THEREFORE, BE IT RESOLVED THAT:**

1. This District requests Kalamazoo Regional Education Service Agency, to submit a regional enhancement property tax millage renewal proposal for 1.5 mills for three (3) years, 2020, 2021 and 2022, to the voters at a special election to be held in each of the constituent districts located within the Kalamazoo Regional Education Service Agency on Tuesday, May 5, 2020.

2. The Superintendent or Superintendent's designee is hereby authorized to deliver a certified copy of this resolution and its attachments to the Secretary of the ISD Board on or before Wednesday, January 15, 2020.


3. The regional enhancement property tax question to be submitted to the voters is set forth on Exhibit A attached hereto and is approved and incorporated herein by reference.

4. All resolutions and parts of resolutions insofar as they conflict with the provisions of this resolution be and the same are hereby rescinded.


Ayes: Members Snyder, Novaria, Van Antwerp, Shelton-Harris, Rathburn,  
Droppers, Willson

Nays: Members None

Resolution declared adopted.

  
Secretary, Board of Education

The undersigned duly qualified and acting Secretary of the Board of Education of Portage Public Schools, Kalamazoo County, Michigan, hereby certifies that the foregoing constitutes a true and complete copy of a resolution adopted by the Board at a Committee of the Whole Work Session/Organizational meeting held on January 13, 2020, the original of which is part of the Board's minutes. The undersigned further certifies that notice of the meeting was given to the public pursuant to the provisions of the "Open Meetings Act" (Act 267, Public Acts of Michigan, 1976, as amended).

  
Secretary, Board of Education

JJS/ssw



## EXHIBIT A

### KALAMAZOO REGIONAL EDUCATIONAL SERVICE AGENCY REGIONAL ENHANCEMENT MILLAGE RENEWAL PROPOSAL

This proposal will allow the intermediate school district to continue to levy regional enhancement millage that expired with the 2019 levy. Pursuant to state law, the revenue raised by the millage will be collected by the intermediate school district and distributed to local public school districts based on pupil membership count.

Shall the limitation on the amount of taxes which may be assessed against all property in Kalamazoo Regional Educational Service Agency, Michigan, be increased by 1.5 mills (\$1.50 on each \$1,000 of taxable valuation) for a period of 3 years, 2020, 2021 and 2022, to provide operating funds to enhance other state and local funding for local school district operating purposes; the estimate of the revenue the intermediate school district will collect if the millage is approved and levied in 2020 is approximately \$12,543,252, which funds will be disbursed as required by statute to the following school districts: Augusta Academy, Climax-Scotts Community Schools, Comstock Public Schools, Evergreen Academy, Forest Academy, Galesburg-Augusta Community Schools, Gull Lake Community Schools, Kalamazoo Covenant Academy, School District of the City of Kalamazoo, Lakeside Charter School – Kalamazoo, Oakland Academy, Paramount Charter Academy, Parchment School District, Portage Public Schools, Schoolcraft Community Schools, Vicksburg Community Schools and Youth Advancement Academy?



Janet Johnstone  
*Coordinator of Instructional Services*  
Phone: 269.323.5140  
fax: 269.323.5141  
[jjohnstone@portageps.org](mailto:jjohnstone@portageps.org)

**TO:** Mark Bielang  
**DATE:** December 20, 2019  
**FROM:** Janet Johnstone/Dr. Michael Pascoe   
**SUBJECT:** Central High School 2020 field trip to Toronto, Canada

**RECOMMENDATION:**

I recommend the approval for Portage Central High School's Orchestra to travel to Toronto, Canada as described in the attached material. The trip dates are set for June 12-15, 2020.

**BACKGROUND:**

Silvia McClish is proposing a student trip to Toronto for June 12-15, 2020. They will spend four days out-of-country. The purpose is for the students to fulfill national standards in music education as outlined in the attached. The families involved will be responsible for the cost. The students will not miss any days of instructional time. Chaperones will be a ratio of approximately 1 adult to every 5 students (number attending: 20).

I have reviewed this proposal and support it.

JJ/MP  
Attachments



The primary purpose of school-approved student trips is to provide substantive curricular, co-curricular, and extracurricular enhancement not available in the local setting. It is not the intent of Policy #2340/AG #2340A to establish annual travel opportunities. Recognizing this purpose, consideration of trip approval begins with an evaluation of the special nature of the enrichment activities and the relationship of the trip's education goals to the curricular, co-curricular, or extracurricular activity.

If this trip requires Portage PS transportation, the form should be completed and approved to allow for enough time to provide transportation with **at least two (2) weeks notice**.

An itinerary must be submitted with any out-of-state overnight trip.

**International Trips:** If any duration of this trip is spent out of the country, the request needs to be submitted with **at least four (4) months notice** to provide sufficient time to obtain all levels of approval. Please note that you may be asked to present your educational trip request to the Portage Board of Education for approval and no fundraising may begin until BOE approval is received.

**SECTION 1**

<b>School</b>	CHS	<b>Group</b>	Orchestra	<b>Date of Request</b>	12/19/2019 8:17:50	
<b>Start Date</b>	6/12/2020	<b>Departure Time</b>	7:30:00 AM	<b>Amount of Instructional Time Lost</b>	none	
<b>End Date</b>	6/15/2020	<b>Return Time</b>	9:30:00 PM	<b>PPS Transportation?</b>	No	<b>ASN:</b>

**SECTION 2**

**Trip Destination:** Toronto, Canada

**Educational Goal(s)/Purpose of Trip:**

Fulfilling National standards in music education: No.6 Listening to, analyzing, and describing music. No. 8 Understanding relationships between music, the other arts, and disciplines outside the arts. No. 9 Understanding music in relation to history and culture.

**SECTION 3**

<b># of Students</b>	20	<b># of Staff Chaperones</b>	1	<b># of Additional Adult Chaperones</b>	3
<b>Estimated Cost per Student</b>	\$680.00	<b>Estimated Cost of Trip</b>	\$16,320		
<b>Funds Provided by</b>	Private/Family	<b>Amount per Funding Source</b>	0		

*Electronically complete sections below*

**SUPERVISOR/PERSON OVERSEEING TRIP**

<b>Name</b>	Silvia McClish	<b>Contact Phone #</b>	2697791946
Electronic Signature: <i>(employee overseeing trip needs to electronically sign below)</i>		<b>Date:</b>	12-19-19
x Silvia McClish			

**Reminder:** Attach any additional documentation if applicable (i.e., Itineraries, Benchmarks/Standards, Travel company contracts, etc.)

**Office Use ONLY:**

<b>Principal Decision:</b>	<input checked="" type="checkbox"/>	Approve	Principal Signature: <i>(electronically sign name below, or add e-signature)</i> <b>x Eric Alburtus</b>	Date: <b>19 Dec. 2019</b>
	<input type="checkbox"/>	Deny		
<b>Superintendent (or designee) Decision:</b>	<input type="checkbox"/>	Approve	Supt. (or Designee) Signature: <i>(electronically sign name below, or add e-signature)</i> <b>X</b>	Date:
	<input type="checkbox"/>	Deny		



Leave it to the Experts  
**Group Travel**  
PLANNERS

## Portage Central High School Custom Toronto Itinerary

### DAY 1: Friday, June 12, 2020

7:30am:	Motorcoach arrives at <b>Portage Central High School</b> for loading
8:00am:	Depart for Canada!
11:00am-12:00pm:	Lunch (own expense) in Port Huron
TBD:	Late afternoon arrival in Toronto
4:00pm:	Check-in to the <b>HOTEL – TBD</b> Enjoy Hotel amenities – Pool Time!
6:00-7:00pm:	Pizza Party (own expense) at the Hotel

### DAY 2: Saturday, June 13, 2020

8:00-9:00am:	Expanded Continental Breakfast ( <i>included</i> ) at the Hotel
9:10am:	Depart Hotel
10:00am-12:00pm:	Explore the <b>ONTARIO SCIENCE CENTER</b> - opened in 1969 as Ontario's contribution to the confederation's centennial celebration, the science center turned 30 in 1999. The Stroop Effect, DNA fingerprinting, and G-Force are only three of the countless subjects one can learn about at their amazing exhibits. Lunch (own expense) at the Museum
1:00-2:00pm:	Enjoy an <b>IMAX PRESENTATION</b> at the Ontario Science Center
2:30-3:00pm:	Watch Ontario's legislative process unfold in the Legislative Chamber and follow a tour conducted by an Interparliamentary member at <b>ONTARIO'S PARLIAMENT BUILDING</b> .
3:15-4:15pm:	Tour <b>ROY THOMPSON HALL</b> - located in the city's entertainment district, and is home to the Toronto Symphony Orchestra and Toronto Mendelssohn Choir.
4:30-5:45pm:	Recently nominated one of the Seven Wonders of the Modern World, the <b>CN TOWER</b> features glass floor observation decks, a revolving restaurant, and a Simulator Theatre. It is Toronto's most recognizable landmark.
6:00-7:00pm:	Dinner (own expense) at the <b>Harborfront Center</b>
7:30pm:	Arrive at <b>Theatre</b> - <i>TBD</i>
8:00-10:00pm:	Enjoy a <b>SHAKESPEARE FESTIVAL SHOW</b> - <i>TBD</i>
11:00pm:	Return to Hotel

**DAY 3: Sunday, June 14, 2020**

<u>8:30-9:30am:</u>	Expanded Continental Breakfast ( <i>included</i> ) at the Hotel
<u>9:40am:</u>	Depart Hotel
<u>10:30am-12:00pm:</u>	Enjoy a self-guided tour of <b>THE ART GALLERY OF ONTARIO</b> – with a collection including more than 80,000 works spanning the first century to the present day!
<u>12:30-2:30pm:</u>	Shopping and lunch (own expense) at the <b>EATON CENTRE</b> , Toronto's world-class shopping centre, the Toronto Eaton Centre is known for its beautiful architecture and it's urban atmosphere.
<u>3:00-5:00pm:</u>	Explore <b>CASA LOMA</b> , Spanish for "house on the hill," was built by Sir Henry Pellatt from 1911 to 1914. It cost \$3.5 million, the equivalent of more than \$60 million today. It was imagined as a romantic castle, complete with secret tunnels.
<u>5:30-6:30pm:</u>	Explore <b>HIGH PARK</b> , a mixed recreational and natural park, with sporting facilities, cultural facilities, educational facilities, gardens, playgrounds and the <b>HIGH PARK ZOO</b> .
<u>6:45pm:</u>	Arrive at the Castle
<u>7:15pm:</u>	Seating begins
<u>7:30-9:30pm:</u>	Imagine stepping back in time one thousand years, as you feast on a hearty four-course Dinner Banquet ( <i>included</i> ) served by your own serf at <b>MEDIEVAL TIMES</b> , then sit back and marvel as stallions perform intricate maneuvers, and knights joust for the honor of their King and Queen!
<u>10:30pm:</u>	Return to Hotel

**DAY 4: Monday, June 15, 2020**

<u>6:30-7:30am:</u>	Expanded Continental Breakfast ( <i>included</i> ) at the Hotel
<u>7:45am:</u>	Check-out of the Hotel and load coach. Remember your belongings!!!
<u>8:15am:</u>	Depart Hotel
<u>10:00am-12:00pm:</u>	Enjoy a <b>HORNBLOWER NIAGARA CRUISE</b> - bringing you as close as possible to the breathtaking flow of water, power and mist that is the magnificent Niagara Falls. Within the Niagara Great Gorge, journey past the American Falls, Bridal Veil Falls and into the very heart of the famous Horseshoe Falls for an exhilarating experience with the waterfalls that make up the famous natural wonder.
<u>12:00-1:00pm:</u>	Lunch (own expense)
<u>1:15pm:</u>	Depart for Home
<u>6:00-7:00pm:</u>	Dinner (own expense)
<u>9:30pm:</u>	Return to <b>Portage Central High School</b>

## Canada trip 2020 lesson plan

Instruction about each musical period including instruments, historical context, life styles and people.

Playing musical excerpts on the bus during travel time for:

### *Medieval era*

- Madrigals

### *Renaissance era*

- Monteverdi, Vespers of 1610
- Palestrina, Missa Brevis for lute quartet

### *Baroque era*

- Vivaldi, Four Seasons
- Vivaldi, Concerto for Orchestra
- Bach, Brandenburg Concerto No.6
- Handel, Fireworks and Water Music

### *Classical era*

- Mozart, Symphony No. 40
- Beethoven, Triple Concerto

### *Romantic era*

- Brahms, Variations on a theme by Handel
- Tchaikovsky, Andante from Symphony No. 3
- Lalo, Symphonie Espagnole

### *Modern era*

- Barber, Adagio for Strings
- Elgar, Serenade for Strings
- Stravinsky, Firebird

- Corigliano, Voyage

Excerpts include performances by PCHS orchestra and others representing each period.

Information and Technology Systems  
8107 Mustang Drive, Portage, MI 49002  
(269) 323-5100 -- help@portageps.org

## MEMO

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To: Mark Bielang, Superintendent  
Fr: Daniel J. Vomastek, Director  
Dt: December 11th, 2019  
Re: Recommended Purchase - Central Middle School Security Cameras

---

### RECOMMENDATION

I recommend the Board of Education approve the purchase and installation of security cameras from Presidio of Grand Rapids, MI, in a base amount of \$86,274.86, funding drawn from the 2019 Bond Fund #1.

### BACKGROUND

This award is for the purchase of security cameras for the new Central Middle School facility. The existing cameras at the current CMS site are several years old and beginning to fail. This fact, and that demo and re-installation would not be feasible, led to the determination to purchase new equipment. This purchase includes the physical installation of the cameras. To keep costs down, Portage IT staff will complete all configuration tasks on the cameras and servers.

### BUDGET

This project is included in the overall construction-related technology costs for the new CMS. Pricing is consistent with previous purchases, although it should be noted these new cameras are full HD, which will likely require additional data center storage.

### AWARD

Presidio was the overall low bid. We have worked extensively with Presidio in the past. They know our systems well, and their post-sale customer/support service is among the best we experience.

I have attached a bid tabulation, and I would be happy to answer any questions you or the Board may have.

Portage Public Schools  
 CMS Security Camera Package  
 12/03/2019 @ 2:00 PM

<b>Vendor Name</b>	ESCO Communications	Presidio				
<b>Legal Status, Familial, Iran</b>	YES	YES				
<b>Attended Pre-Bid Walkthrough (YES/NO)</b>	NO	YES				
<b>Base Bid(including Labor)</b>	\$103,204.00	\$86,274.86				
<b>Bid Bond?</b>	NO	YES				
<b>Addendum 1 Acknowledged (YES/NO)</b>	YES	YES				
<b>Voluntary Alternates (YES/NO)</b>	NO	NO				

UNIT PRICING			
SB Camera	\$	1,337.94	\$ 1,334.25
SC Camera	\$	1,894.52	\$ 1,835.10
SD Camera	\$	2,087.13	\$ 1,992.60
SE Camera	\$	2,538.11	\$ 1,957.95
SF Camera		N/A	\$ 2,055.60
SG Camera	\$	1,304.25	\$ 1,247.31
Sh Camera	\$	1,340.57	\$ 1,278.81

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 SIGNATURES

Information and Technology Systems  
8107 Mustang Drive, Portage, MI 49002  
(269) 323-5100 -- help@portageps.org

## MEMO

---

To: Mark Bielang, Superintendent  
Fr: Daniel J. Vomastek, Director  
Dt: December 11th, 2019  
Re: Recommended Award - CMS Classroom A/V Systems

---

### RECOMMENDATION

I recommend the Board of Education award a contract to Parkway Electric, of Holland, MI for the purchase and installation of classroom audio/visual systems in a base amount of \$118,865, funding drawn from the 2019 Bond Fund #1.

### BACKGROUND

This award is for the purchase of audio/visual hardware, along with installation, for the new Central Middle School. These systems will be functionally equivalent to the systems we use throughout the district, including a large display on the teaching wall, voice enhancement, and audio systems.

### BUDGET

The budget for this project was set at \$315,000. We initially based the budget assuming we would be purchasing new equipment. Upon further engineering reviews, it became clear much of the existing equipment at CMS is still viable and can be used at the new facility. Of course, this creates some scheduling problems given the small window between the end of school and the start of demolition, but as with NMS, we are confident we can work through them.

### AWARD

Parkway was the low bid. A bid tab is attached.

I would be happy to answer any questions you or the Board may have.

Portage Public Schools  
 CMS Classroom AV Systems  
 12/03/2019 @ 2:00 pm

Vendor Name	ESCO Communications	Parkway Electric	TPC Technologies			
Legal Status, Familial, Iran	YES	YES	YES			
Attended Pre-Bid Walkthrough (YES/NO)	NO	NO	YES			
Bid Bond?	NO	YES	YES			
Base Bid(including Labor)	\$224,902.00	\$118,520.00	\$126,872.03	\$8,352.03		
Addendum 1 Acknowledged (YES/NO)	YES	YES	YES			
Voluntary Alternates (YES/NO)	NO	NO	NO			
MANDATORY ALTERNATES	\$0.00	\$345.00	\$425.10			
<b>GRAND TOTAL</b>	<b>\$ 224,902.00</b>	<b>\$ 118,865.00</b>	<b>\$ 127,297.13</b>			

\_\_\_\_\_  
 SIGNATURES

January 27, 2020

# Portage Public Schools

Information and Technology Systems  
8107 Mustang Drive, Portage, MI 49002  
(269) 323-5100 -- help@portageps.org

## MEMO

---

To: Mark Bielang, Superintendent  
Fr: Daniel J. Vomastek, Director  
Dt: December 11, 2019  
Re: First Grade Chromebook Purchase

---

### RECOMMENDATION

I recommend the Board of Education approve the purchase of 755 Chromebooks from Inacomp TSG of Southfield Michigan in an amount not to exceed \$151,762.55, proceeds coming from the 2019 Bond Fund #1.

### BACKGROUND

As we have completed our 1-1 rollout at our 6-12 sites, as well as in grades 2-5, we have turned our attention to completing a computing rollout to our 1st grade and younger students. Not wanting to make the assumption that a 1-1 Chromebook model would be the best fit, an early elementary computing committee was created with a charge to pilot several technologies to determine the best fit for our student's needs. While we are still resolving a few questions for Young 5's and Kindergarten, the committee concluded a traditional Chromebook 1-1 was the best choice for 1st grade. A survey of the 1st grade teachers overwhelmingly supported this determination. This request is for that purpose.

I would point out this purchase does include more Chromebooks than our current number of 1st grade students. We standardize carts in a mix of 25 and 30 units. This ensures we have enough Chromebooks to meet the need of fluid class sizes, and it provides spares for units that are out for repair.

### AWARD INFORMATION

This purchase will be made via the statewide REMC contract, and as such Portage did not need to issue an RFP. While not the cheapest Chromebook in the list of options, it is the lowest cost unit meeting the durability and expected product life standards we have set. Indeed we have found these HP units to have a far lower repair rate than other models we have purchased. The price includes item add-on #196280, the ChromeOS management license we need to manage our fleet of Chromebooks with the Google Admin Console.

I would be happy to answer any other questions you or the Board may have.



## 1st Grade Chromebooks



Share



Print

### Summary [Back](#)

Inacomp TSG	\$134,020.05
Total	\$134,020.05

Item	Details	Quantity	Price	Total
196100	<b>Name:</b> HP Chromebook 11 G7 EE <b>MFG Model:</b> HP Inc. Chromebook 11 G7 EE <b>Reseller Number:</b> 6QY22UT <b>Contract Expiration:</b> 6/30/2024 <b>Item Description:</b> Chromebook, 11.6", Intel N4000 processor, 4GB RAM, 16GB storage, 1366x768 resolution, WiFi 802.11ac, Bluetooth 4.0, 2 USB-C and 1 USB port, integrated speaker and microphone; combo headphone/mic jack, integrated 720p HD video webcam, ANSI standard keyboard, touchpad, 10-hour battery and AC adapter and cord. One-year parts and labor (1/1/0) standard warranty. Estimated delivery: 4-8 weeks.	755	\$177.51	\$134,020.05
<b>Vendor Total</b>				<b>\$134,020.05</b>

**Vendor Name:** Inacomp TSG

**Vendor URL:** <http://www.inacomp.net/remc>

**Vendor Notes:** Purchase card accepted with a 3% surcharge. Shipping will be charged on Cisco item orders of less than \$1,000 and less than \$50 on all other items.

### Vendor Contacts:

Colleen Flanagan  
17250 w 12 mile rd  
southfield, mi 48076  
Phone: 248-286-9026  
Fax: 248-559-5782  
Email: [colleen.flanagan@inacomptsg.com](mailto:colleen.flanagan@inacomptsg.com)

### Vendor Contacts:

REMC Customer Service  
17250 W 12 Mile rd  
Southfield, MI 48076  
Phone: 248-286-9024  
Fax:  
Email: [REMC@inacomptsg.com](mailto:REMC@inacomptsg.com)



# HP Chromebook 11 G7 EE

Empower students to create, collaborate, and learn with the HP Chromebook 11 EE. It offers the latest Intel® processors<sup>1</sup>, interactive tools, Android™ apps<sup>2</sup>, enhanced connectivity, and a long battery life that recharges fast in a design that can withstand drops<sup>3</sup> and minor spills.



## Modern design meets durability

Deploy a sturdy device built for the whole day with a pick-proof, anchored, minor-spill-resistant keyboard and shock-absorbing molded rubber trim. Measuring only <19mm, it's designed to pass MIL-STD 810G<sup>4</sup>, IP 41<sup>5</sup>, and a 76 cm drop on concrete.<sup>3</sup>

## Powerful performance

Give students a boost with the intuitive Chrome OS™, the latest Intel® processors<sup>1</sup>, and up to 8 GB memory and 64 GB<sup>6</sup> EMMC storage. Enjoy a long battery life that recharges fast and connect in large spaces with 2x2 WLAN<sup>7</sup> and MIMO.<sup>8</sup>

## Essential collaboration and creativity

Enable comfortable, convenient small-group discussions with HP Classroom Manager<sup>9</sup> and Android™ apps.<sup>2</sup> Get easy views from the 180° hinge that lies completely flat and optional HD IPS touchscreen.<sup>10</sup>

- Get a low-maintenance experience with the automatic software updates and virus protection of the Chrome OS™.<sup>11</sup>
- Help prevent everyday wear and tear, water intrusion, and tampering with a keyboard that resists minor spills and is pick-proof and anchored to deter key removal.
- Search, stream, and collaborate through the school day and beyond with a long battery life. Recharge with HP Fast Charge Technology, which gives you 90% battery life in just 90 minutes.<sup>12</sup>
- Connect to accessories with two USB 3.1 Gen 1 ports and 3.5 mm mic and speaker ports. Reinforced USB-C™ ports on each side support USB-C™ accessories and Chromebook™ charging from a USB-C™ adapter.
- Take control of the classroom, manage class PCs, and collaborate with students with the intuitive toolset of HP Classroom Manager.<sup>9</sup>
- Take learning in new directions with access to the Google Play™ Store and Android™ apps, which include thousands of instantly shareable and easily manageable innovative education apps.<sup>2</sup>
- Easily deploy, manage, and control users, devices and apps on all your HP Chromebooks with Google's optional Chrome Management Console.<sup>10</sup>
- Add an extra layer of functional, all-day protection with the optional HP Always-On Case that wraps around your Chromebook™ and zips flat to work every way it does.<sup>10</sup>
- Rely on support you can trust with HP's world-class limited warranty.

## HP Chromebook 11 G7 EE Specifications Table



<b>Available Operating System</b>	Chrome OS™
<b>Processor Family</b>	Intel® Celeron® processor
<b>Available Processors<sup>1,2</sup></b>	Intel® Celeron® N4100 with Intel® UHD Graphics 600 (1.1 GHz base frequency, up to 2.4 GHz boost frequency, 4 MB cache, 4 cores) Intel® Celeron® N4000 with Intel® UHD Graphics 600 (1.1 GHz base frequency, up to 2.6 GHz boost frequency, 4 MB cache, 2 cores)
<b>Maximum Memory</b>	8 GB LPDDR4-2400 SDRAM (Memory soldered down.)
<b>Internal Storage</b>	16 GB up to 64 GB eMMC 5.0 <sup>3</sup>
<b>Cloud Service</b>	100 GB Google Drive™ (2-year subscription included) <sup>9</sup>
<b>Display</b>	11.6" diagonal HD IPS BrightView WLED-backlit touch screen, 220 cd/m², 50% sRGB (1366 x 768); 11.6" diagonal HD IPS anti-glare WLED-backlit, 220 cd/m², 50% sRGB (1366 x 768); 11.6" diagonal HD SVA anti-glare WLED-backlit, 220 cd/m², 50% sRGB (1366 x 768)
<b>Available Graphics</b>	Integrated: Intel® UHD Graphics 600 <sup>5</sup> (Support HD Decode, DX12, and HDMI 1.4b.)
<b>Wireless Technologies</b>	Intel® Dual Band Wireless-AC 9560 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 Combo, non-vPro™ <sup>4,5</sup> (Compatible with Miracast-certified devices.)
<b>Expansion Slots</b>	1 microSD (Supports SD, SDHC, SDXC.)
<b>Ports and Connectors</b>	2 USB 3.1 Type-C™ (Charge and video support, data transfer, power delivery); 1 USB 3.1 Gen 1 (charging); 1 Stereo headphone/microphone combo jack (Cables are not included.)
<b>Input Device</b>	Full-size island-style keyboard, chalkboard gray, spill-resistant, pick resistant; Touchpad with multi-touch gesture support
<b>Camera</b>	720p HD camera <sup>6</sup>
<b>Available Software</b>	HP Classroom Manager <sup>10</sup>
<b>Security Management</b>	H1 Security IC; Nano Security lock slot <sup>11</sup>
<b>Power</b>	HP Smart 45 W USB Type-C™ adapter <sup>14</sup> 2-cell, 47.36 Wh Li-ion <sup>13</sup> Up to 13 hours <sup>12</sup> Battery is internal and not replaceable by customer. Serviceable by warranty.
<b>Dimensions</b>	12.04 x 8.18 x 0.74 in 30.6 x 20.8 x 1.89 cm
<b>Weight</b>	Starting at 2.93 lb Starting at 1.33 kg (Weight will vary by configuration.)
<b>Environmental</b>	Low halogen; TCO 5.0 Certified <sup>17</sup>
<b>Energy Efficiency Compliance</b>	ENERGY STAR® certified; EPEAT® Silver <sup>16</sup>
<b>Warranty</b>	HP Services offers 1-year limited warranties and 90 day software limited warranty options depending on country. Batteries have a default one year limited warranty except for Long Life batteries which will have same 1-year or 3-year limited warranty as the platform. Refer to <a href="http://www.hp.com/support/batterywarranty/">http://www.hp.com/support/batterywarranty/</a> for additional battery information. On-site service and extended coverage is also available. HP Care Pack Services are optional extended service contracts that go beyond the standard limited warranties. To choose the right level of service for your HP product, use the HP Care Pack Services Lookup Tool at: <a href="http://www.hp.com/go/cpc.">http://www.hp.com/go/cpc.</a> <sup>15</sup>

## HP Chromebook 11 G7 EE

### Accessories and services (not included)

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#### HP USB-C to HDMI 2.0



Collaborate on the fly in conference rooms, team rooms, and more when your project your notebook or mobile device's high-definition video and audio content to an external display, TV or projector with the HP USB-C to HDMI 2.0 Adapter.

**Product number: 1WC36AA**

#### HP USB-C Dock G4



Transform your HP notebook or tablet into a complete desktop experience with the HP USB-C Universal Dock, which delivers USB-C™ charging<sup>1</sup> and connections for your network, dual 4K displays, and accessories with one cable connection.

**Product number: 3FF69AA**

#### HP Essential Backpack



The HP Essential Backpack is a great notebook carrying solution for both students and business professionals.

**Product number: H1D24AA**

#### HP Comfort Grip Wireless Mouse



The HP Comfort Grip Wireless Mouse features a 30-month battery life<sup>1</sup> and a bold, modern design that integrates seamlessly with HP Business Notebooks.

**Product number: H2L63AA**

#### HP USB Collaboration Keyboard



**Product number: Z9N38AA**

#### HP 3 year Pickup and Return Hardware Support w/Accidental Damage Protection-G2 for Notebooks



Pickup and Return Service with Accidental Damage Protection offers high-quality return-to-HP service levels with remote telephone support and offsite repair for eligible products at an HP designated repair center. The service includes pickup, offsite repair, materials and parts, labor, and return shipping costs. Plus, accidental damage protection covers spills, drops, falls and more.

**Product number: UQ996E**

## Messaging Footnotes

- <sup>1</sup> Multicore is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. Intel's numbering, branding and/or naming is not a measurement of higher performance.
- <sup>2</sup> Internet access required and sold separately. Some apps may require purchase.
- <sup>3</sup> Drop test is pending and is not a guarantee of future performance under these test conditions. Any accidental damage requires an optional HP Accidental Damage Protection Care Pack.
- <sup>4</sup> MIL-STD testing is pending and is not intended to demonstrate fitness for U.S. Department of Defense contract requirements or for military use. Test results are not a guarantee of future performance under these test conditions. Damage under the MIL STD test conditions or any accidental damage requires an optional HP Accidental Damage Protection Care Pack.
- <sup>5</sup> IP 41 testing is pending. Test results are not a guarantee of future performance under these test conditions. Any accidental damage requires an optional HP Accidental Damage Protection Care Pack.
- <sup>6</sup> For storage drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 5.1 GB is not user-available.
- <sup>7</sup> The specifications for the 802.11ac WLAN are draft specifications and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the notebook to communicate with other 802.11ac WLAN devices.
- <sup>8</sup> Multiple-Input Multiple-Output (MIMO) is a wireless technology that uses multiple transmitters and receivers to enhance data transfer. MIMO requires a MU-MIMO router, sold separately.
- <sup>9</sup> HP Classroom Manager for students is available as a download. HP Classroom Manager Teacher Console sold separately.
- <sup>10</sup> Sold separately or as an optional feature.
- <sup>11</sup> Internet access required and sold separately.
- <sup>12</sup> Recharges the battery up to 90% within 90 minutes when the system is off or in standby mode, when used with the power adapter provided with the notebook, and no external devices are connected. After charging has reached 90% capacity, charging speed will return to normal. Charging time may vary +/-10% due to System tolerance.

## Technical Specifications Footnotes

- <sup>1</sup> Multicore is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. Intel's numbering, branding and/or naming is not a measurement of higher performance.
- <sup>2</sup> Processor speed denotes maximum performance mode; processors will run at lower speeds in battery optimization mode.
- <sup>3</sup> For storage drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 5.1 GB is reserved for system recovery software.
- <sup>4</sup> Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited.
- <sup>5</sup> Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming.
- <sup>6</sup> HD content required to view HD images.
- <sup>7</sup> Sold separately or as an optional feature.
- <sup>8</sup> Resolutions are dependent upon monitor capability, and resolution and color depth settings.
- <sup>9</sup> Google Drive offer is tied to this device and is non-transferable. If this device is returned, the extra storage will be revoked. In order to redeem this offer, you will need to be on Chrome OS™ Z3 or later. Internet access is required and not included. Additional information about storage plan refunds, renewals, cancellations and expiration is available at the Google website: <https://support.google.com/chromebook/answer/2703646?hl=en>
- <sup>10</sup> HP Classroom Manager is sold separately. Control and device locking from the teacher's desktop requires purchase of HP Classroom Manager.
- <sup>11</sup> Lock must be purchased separately.
- <sup>12</sup> Testing conducted by HP using Google Chrome OS power\_LoadTest. Battery life will vary and the maximum capacity of the battery will naturally decrease with time and usage. See <http://www.chromium.org/chromium-os/testing/power-testing> for test details.
- <sup>13</sup> Recharges up to 90% within 90 minutes when the system is off or in standby mode when used with the power adapter provided with the notebook. After charging has reached 90% capacity, charging speed will return to normal. Charging time may vary +/-10% due to System tolerance.
- <sup>14</sup> Availability may vary by country.
- <sup>15</sup> HP Care Packs are sold separately. Service levels and response times for HP Care Packs may vary depending on your geographic location. Service starts on date of hardware purchase. Restrictions and limitations apply. For details, visit [www.hp.com/go/cpc](http://www.hp.com/go/cpc). HP services are governed by the applicable HP terms and conditions of service provided or indicated to Customer at the time of purchase. Customer may have additional statutory rights according to applicable local laws, and such rights are not in any way affected by the HP terms and conditions of service or the HP Limited Warranty provided with your HP Product.
- <sup>16</sup> EPEAT® registered where applicable. EPEAT registration varies by country. See <http://www.epeat.net> for registration status by country. Search keyword generator on HP's 3rd party option store for solar generator accessories at [www.hp.com/go/options](http://www.hp.com/go/options).
- <sup>17</sup> External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.

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**HP Chromebook 11 G7 EE  
Options and Accessories**

<b>Item Number</b>	<b>Item Name</b>	<b>Education List Price</b>	<b>REMC SAVE Bid Price</b>	<b>REMC SKU</b>
196291	Upgrade to 32GB flash storage	299	189	6QY25UT
196280	Google console	30	23.5	GOOCON
196291	Upgrade to 1/1/1 onsite warranty	13	8	UQ993E
196291	Upgrade to 2/2/0 depot warranty	19	15	UQ991E
196291	Upgrade to 3/3/0 depot warranty	41	30	UQ990E
196291	Upgrade to 3/3/3 onsite warranty	63	50	UQ992E
196291	Upgrade to 3/3/0 with accidental damage protection	83	70	UP996E
196291	Apply district-supplied asset tag (75 unit minimum)	10	5	INA-SS
196291	Enroll device in management console (75 unit minimum)	10	5	INA-SS
Can't find the options or accessories you're looking for? Check the REMC catalog or contact the vendor!				

January 27, 2020

# Portage Public Schools

Information and Technology Systems  
8107 Mustang Drive, Portage, MI 49002  
(269) 323-5100 -- help@portageps.org

## MEMO

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To: Mark Bielang, Superintendent  
Fr: Daniel J. Vomastek, Director  
Dt: December 11, 2019  
Re: Recommended Student Chromebook Cart Purchase

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### RECOMMENDATION

I recommend the Board of Education approve the purchase of 29 Aver Chromebook Carts from CDWG of Chicago IL in an amount not to exceed \$31,378, proceeds coming from the 2019 Bond Fund #1.

### BACKGROUND

These carts will be used to house the Chromebooks used in our 1st grade classrooms. We have purchased the Aver carts before, and are happy with their functionality and durability.

### AWARD INFORMATION

This purchase is based on the REMC statewide contact, as such, no RFP was required. The per unit cost is in keeping with most intelligent charging carts of this size.

I would be happy to answer any other questions you or the Board may have.



## 1st Grade Chromebook Carts



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### Summary [Back](#)

CDWG	\$31,378.00
Total	\$31,378.00

Item	Details	Quantity	Price	Total
192111	<b>Name:</b> Aver Intelligent Charging Cart <b>MFG Model:</b> CHRGE30I Aver Charge X30i <b>Reseller Number:</b> 5414696 <b>Contract Expiration:</b> 12/31/2020 <b>Item Description:</b> X30i charging cart for 30 devices with up to a 15" screen, 5" locking wheels, locking cabinet, intelligent charging, UL Listed electric unit, cable management, ships fully assembled, ten-year mechanical warranty, five-year electrical warranty.	29	\$1,082.00	\$31,378.00
<b>Vendor Total</b>				<b>\$31,378.00</b>

**Vendor Name:** CDWG  
**Vendor URL:** <http://www.cdwg.com/remcsave>  
**Vendor Notes:**

**Vendor Contacts:**

Noah Williams  
120 S. Riverside  
5th Floor  
Chicago, IL 60606  
Phone: 877-389-3811  
Fax: 847-968-1717  
Email: [Noahwil@cdwg.com](mailto:Noahwil@cdwg.com)