



To: Dr. Charles Johns
Board of Education

From: Dr. R.J. Gravel

Date: Monday, December 14, 2020

Re: Class of 2025 Chromebook Purchase

Recommendation

It is recommended that the Board of Education approve the purchase of 1,400 Lenovo 500e Chromebooks with the Google Chrome Management License from Computer Drive at a cost of \$439,600.

Background

For the past six years, the District has selected the Lenovo Chromebook for the 1:1 initiative. Recently we have utilized the Lenovo 500e Chromebook, which is extremely durable and features spill-proof keyboards and touchpads, mechanically anchored keys, rubber bumpers around the LCD and base, Gorilla Glass, reinforced ports, corners, and hinges. From a technical specification perspective, the device includes an Intel Apollo Lake processor, 4GB of memory, and 32GB of internal storage. It is recommended the District continue with the Lenovo 500e Chromebook.

Three vendors submitted a quote for the purchase of 1,400 Chromebooks and associated management licenses. The following is a summary of the result:

	Lenovo 500e Hardware	Google Chrome Management License	Total Unit Price	Total Cost (1,400 units)
Computer Drive	\$291.00	\$23.00	\$314.00	\$439,600
CDW	\$299.00	\$23.00	\$322.00	\$450,800
Insight Technology	\$301.00	\$24.00	\$325.00	\$455,000

Chromebook Fee

The annual Chromebook fee is assessed to all students (up to a maximum of 4 years) for the use of a Chromebook during their high school career. After making the designated amount of payments, the Chromebook becomes the property of the student.

	Year 1	Year 2	Year 3	Year 4	4-Year Total
Class of 2022 Seniors	\$100	\$100	\$100		\$300
Class of 2023 Juniors	\$100	\$100	\$100		\$300
Class of 2024 Sophomore	\$100	\$100	\$100		\$300
Class of 2025 Freshmen	\$100	\$100	\$100		\$300

A breakdown of the Chromebook fee budget is presented in the following table:

	2018-19 Class of 2022 Seniors	2019-20 Class of 2023 Juniors	2020-21 Class of 2024 Sophomores	2021-22 Class of 2025 Freshman
Device Cost	\$268.94	\$272.00	\$278.00	\$291.00
Extended Warranty				
Chrome Mgmt. License				
<i>Subtotal</i>	\$268.94	\$272.00	\$278.00	\$291.00
Self-Insurance Fund	\$31.06 \$7.77/Year	\$28.00 \$7.00/year	\$22.00 \$5.50/year	\$9.00 \$2.25/year
Total Cost to Student	\$300	\$300	\$300	\$300
Number of Payments	3	3	3	3

In addition to ownership rights after three years of payment, students benefit from a comprehensive insurance program at no additional cost. Information regarding coverage is indicated on the attached *Chromebook Rights and Responsibilities* document. The cash balance in the self-insurance reserve as of December 8, 2020, is \$92,940.

As a result of the pandemic, there has been a global shortage of technology equipment, including Chromebooks. The shortage delayed part of the Chromebook shipment for the Class of 2024 by 350 devices by 5 months (250 devices for students, 100 for the loaner and replacement pool). To ensure every freshman had access to a device at the start of the school year, the district purchased 250 devices from graduating seniors at a cost of \$75 per device or \$18,750. The self-insurance reserve was used for this purchase. These devices will become part of the loaner and replacement pool. The total cost for the 2021-22 fiscal year is \$29,100 which equates to \$5.68/student per year.

The Lenovo Chromebook product line has performed extremely well with regard to durability and functionality. A summary of the types of claims and repairs is summarized in the tables that follow:

Claim Events*	2018-19	2019-20	2020-21 (through Nov. 30)
Quantity of Devices	5,229	5,288	5,305
# of Warranty Claims (No Financial Impact)	88	50	28
% Inventory Resulting in a Warranty Claim	1.6%	0.9%	0.5%
# of Insurance Claims (Financial Impact)	290	249	205
% Inventory Resulting in an Insurance Claim	5.5%	4.7%	3.9%
Deductible Collected	\$18,550	\$14,795	\$11,200
Additional Cost of Claims **	\$13,725	\$13,563	\$10,824

Net Addition / Reduction of Pool Reserve

+\$4,825

+\$1,232

+\$376

* An individual claim event might include multiple repair tasks (ex. replaced charger port and battery are part of 1 claim but are counted as 2 repairs below).

** The District's managed service agreement with Beck's Bookstores includes personnel to perform the actual repairs. The only additional claim expense is for repairs performed by a third-party (due to complexity), parts, and shipping expenses.

Repairs	2018-19	2019-20	2020-21 (through Nov. 30)
Quantity of Devices	5,229	5,288	5,305
Charger Port	26	30	28
Keyboard	14	32	24
Screen	35	48	32
Battery	82	77	72
OS or WiFi Damage	87	23	26
Stolen	2	1	1
Water Damage	11	8	8
Other	33	30	14
Total Repairs	290	249	205

Glenbrook High School District 225
Chromebook Rights and Responsibilities

Lenovo 500e

2021-22 Fiscal Year • Updated: December 2020

Responsibilities and Care

Your Chromebook is a delicate electronic device and must be treated with care.

By signing this document, it is agreed that students will:

- Not leave the device unattended;
- Keep food or drink away from the device;
- Adhere to insurance guidelines as documented below;
- Pay the annual fee online or at the annual book sale event;
- Notify the bookstore immediately if the device is lost and reimburse the district the replacement cost; and
- Return or purchase the device if the student leaves the district or it shall be considered theft.

Payment

A total fee of \$300 will be charged, payable in \$100 increments each year, and is to be paid online or at the bookstore. The annual fee will be waived for students qualifying for free and reduced lunch, and for those with identified assistive technology needs. As part of this fee, student devices are covered for accidental damage, theft, and manufacturer defect or failure as outlined below. Students will be provided with a loaner device.

Insurance Coverage

Each eligible insurance incident will be assessed as a claim deductible. For claims that do not result in a full device replacement, the deductible will be \$50. If the damage or loss is such that the device cannot be repaired and a full replacement of the device is needed, the deductible will be \$100. (Deductibles will not be waived for students qualifying for free and reduced lunch). All claims must be filed within 5 days of the incident. Incidents include:

- Accidental damage caused by liquid spills drops, or any other unintentional event;
- Vandalism, Theft, Fire (requires a police report be filed, where the device is listed as stolen);
- Electrical surge;
- Natural disasters; and
- Warranty issues outside of the warranty period.

Insurance coverage for Chromebooks will remain in effect until the last day of student attendance at the Glenbrooks.

Items Not Covered by Insurance/ Responsibility of Family

If a Chromebook is not covered by the insurance program, it will be the responsibility of the family to purchase a replacement device. The cost of a replacement Chromebook originally issued during the 2019-20 school year is \$300. Examples of situations that are not covered by the insurance program include:

- Loss;
- Loss of the digital stylus;
- Dishonest, fraudulent, intentional, negligent, or criminal acts;
- Consumables including but not limited to the case, charger, and software;
- Cosmetic damage that does not affect the functionality of the device; and
- Incidents reported outside of the allowed period of time.

Signatures/Acknowledgement

Serial Number _____ Student ID Number _____

Student Name _____ Student Signature _____

Parent/Guardian Name _____ Parent/Guardian Signature _____

Date _____