

**To:** Dr. Charles Johns Board of Education

From: Dr. R.J. Gravel Dr. Kim Ptak

Date: Monday, October 25, 2021

**Re:** Class of 2026 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 \$528,220.

### **Background**

For the past seven years, the District has selected the Lenovo Chromebook for the 1:1 initiative. Recently the Lenovo 500e Chromebook has been used, 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.

Two 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	Chrome Mgmt. License	Total Unit Price	Total Cost (1,400 units)
Computer Drive	\$347.35	\$30.00	\$377.35	\$528,220
CDW	\$351.00	\$30.00	\$381.00	\$533,400

The pandemic has resulted in an almost 20% unit price increase due to industry-wide demand, part and labor shortage and significant backlog of devices. District leadership is reviewing potential pandemic-related funding relief and a recommendation for the student fee will be brought forward in December.

The Lenovo Chromebook product line has performed extremely well with regard to durability and functionality. It is speculated that the number of claims increased in FY 20/21 due to e-learning and the heavier reliance on the Chromebook. A summary of the types of claims and repairs is summarized in the tables that follow.

(\$1,359)

Claim Events*	2019-20	2020-21	<b>2021-22</b> (through Oct 15)
Quantity of Devices	5,288	5,305	5,440
# of Warranty Claims (No Financial Impact)	50	81	30
% Inventory Resulting in a Warranty Claim	0.9%	1.5%	0.55%
# of Insurance Claims (Financial Impact)	249	406	162
% Inventory Resulting in an Insurance Claim	4.7%	7.6%	2.9%
Deductible Collected	\$14,795	\$16,865	\$5,450
Additional Cost of Claims **	\$13,563	\$18,737	\$6,809

# Net Addition / Reduction of Pool Reserve +\$1,232 (\$1,872)

<sup>\*\*</sup> 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	2019-20	2020-21	<b>2021-22</b> (through Oct. 15)
Quantity of Devices	5,288	5,305	5,440
Charger Port	30	56	30
Keyboard	32	48	37
Screen	48	62	4
Battery	77	144	10
OS or WiFi Damage	23	50	55
Stolen	1	2	О
Water Damage	8	16	2
Other	30	28	24

**Total Repairs** 249 406 162

In addition to ownership rights after three years of payment, students benefit from a comprehensive insurance program at no additional cost. The cash balance in the self-insurance reserve as of October 15, 2021, is \$85,458.

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

#### Glenbrook High School District 225 Chromebook Rights and Responsibilities Lenovo 500e

2021-22 Fiscal Year • Updated: May 2021

### 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. Students will own their device once the installments have been paid in full. 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 a one-year manufacturer warranty (defect or failure) and eligible for the insurance coverage as outlined below. Students will be provided with a loaner device during any repair process.

#### 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 <u>unintentional</u> 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 issued during the 2021-22 school year is \$300. Examples of situations that are not covered by the insurance program include:

- Loss of device;
- Dishonest, fraudulent, intentional, negligent, or criminal acts;
- Consumables including but not limited to the case, charger, digital stylus 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	