

**GLENBROOK HIGH SCHOOLS
District Business Office**

TO: Dr. Mike Riggle
FROM: Kimberly L. Ptak
DATE: JUNE 9, 2014
RE: CHROMEBOOK UPGRADE

Recommendation

It is recommended that the Board of Education

1. Upgrade the Class of 2017 (current freshman) to the Lenovo ThinkPad Yoga 11e. This is the device selected for the incoming freshman class of 2018. Cost savings by upgrading device one year early - \$45,000.

For Discussion

1. Discuss upgrading the Class of 2016 (current sophomores) to the Lenovo ThinkPad Yoga 11e. Additional cost when compared to keeping existing Samsung - \$297,000.
2. Discuss implementation of a \$110 technology fee effective with the FY 14/15 school year. Fee will cover the use and maintenance of a one-to-one device. A flat fee will also ensure pricing consistency among our families.

Class of 2018 – incoming freshman

At the May 19, 2014 board meeting, the Board approved purchasing 1,325 chromebooks for the incoming freshman class (Class of 2018) at a price not to exceed \$426. The actual price is \$425.75. As shared at previous meetings, the Lenovo 11e is much more rugged than the current device and is built to military specifications which include rubber bumpers around the edges, reinforced ports, durable metal hinges and anchored keys on the keyboard. It is expected to last four years, compared to the current device which has a two year life expectancy. In addition, the Lenovo has touch screen technology which will allow for increased functionality in areas of digital reading, math, and science. The Lenovo device is aligned for the future with a blend of keyboard and touch innovation. Built with a 360 degree hinge, the Yoga can be used as a tablet.

Business model shared with the Board on 5/19/14 -

<u>Family Cost over a 4 year period</u>	<u>District Cost over a 4 year period</u>
\$426 device	\$27 Google Mgmt Console
<u>\$12 interest</u>	\$16 Teacher Dashboard Application
\$438 total	\$26 Filtering
	<u>\$100 insurance (exploring self-insurance which could reduce this cost)</u>
	\$169 total
\$110/year	\$42/year

Class of 2017 – current freshman class

The current freshman class was issued a Samsung 1. The current plan includes the freshman keeping the Samsung 1 for two years and then upgrading to a Lenovo 11e in year 3. The below cost comparison shows providing the freshman a Lenovo 11e one year early, in year 2 their sophomore year. See below.

CURRENT MODEL				
Year 2 - keep Samsung 1				
Year 3 & 4 - get a new Lenovo ThinkPad 11e @ \$426				
	<u>10th grade</u>	<u>11th grade</u>	<u>12th grade</u>	<u>3 year total</u>
<u>Student Cost</u>				
Device	\$118	\$110	\$110	\$338
<u>District Cost</u>				
Lease	\$118	\$217	\$217	\$552
Insurance	\$12	\$18	\$18	\$48
Mgmt Console		\$27		\$27
	\$130	\$262	\$235	\$627
District Subsidy	\$12	\$152	\$125	\$289
				\$289,000 cost for 1,000 devices

ALTERNATIVE OPTION				
Year 2 - TRADE IN Current Samsung				
Year 2, 3 & 4 - Lenovo ThinkPad 11e @ \$426				
	<u>10th grade</u>	<u>11th grade</u>	<u>12th grade</u>	<u>3 year total</u>
<u>Student Cost</u>				
Device	\$110	\$110	\$110	\$330
<u>District Cost</u>				
Lease on Samsung	\$118			\$118
Sale of Samsung	(\$60)			(\$60)
Lease on New Device	\$145	\$145	\$145	\$435
Insurance	\$18	\$18	\$18	\$54
Mgmt Console	\$27			\$27
	\$248	\$163	\$163	\$574
District Subsidy	\$138	\$53	\$53	\$244
				\$244,000 cost for 1,000 devices

OVERALL SAVINGS: \$45,000

Class of 2016 – current sophomore class

The current sophomore class was issued a Samsung 1. The current plan includes the sophomores keeping the Samsung 1 for three years and owning the device upon graduation. The below cost comparison shows providing the sophomores a Lenovo 11e their junior year. See below.

CURRENT MODEL			
<u>Keep Samsung 1 for Junior and Senior Year</u>			
	<u>11th grade</u>	<u>12th grade</u>	<u>2 yr total</u>
<u>Student Cost</u>			
Device	\$118	\$0	\$118
<u>District Cost</u>			
Lease	\$118	\$0	\$118
Insurance	\$12	\$26	\$38
	\$130	\$26	\$156
District Subsidy	\$12	\$26	\$38
Total District Subsidy			\$38,000 cost for 1,000 devices

ALTERNATIVE OPTION			
Year 3 - TRADE IN Current Samsung			
<u>Year 3 & 4 - Lenovo ThinkPad 11e @ \$426</u>			
	<u>11th grade</u>	<u>12th grade</u>	<u>2 year total</u>
<u>Student Cost</u>			
Device	\$110	\$110	\$220
<u>District Cost</u>			
Lease on Samsung	\$118		\$118
Sale of Samsung	(\$60)		(\$60)
Lease on New Device	\$217	\$217	\$434
Insurance	\$18	\$18	\$36
Mgmt Console	\$27		\$27
	\$320	\$235	\$555
District Subsidy	\$210	\$125	\$335
			\$335,000 cost for 1,000 devices

ADDITIONAL COST: \$297,000

SUMMARY OF LEASE SAVINGS

The one-to-one initiative has resulted in savings in the purchase of student mobile classroom devices, leases on computers used in labs and leases on copy machines and printers. See below for a three year savings.

	<u>FY 14/15</u>	<u>FY 15/16</u>	<u>FY 16/17</u>	
Student Mobile Devices	\$50,000	\$50,000	\$50,000	
Computer Leases	\$50,000	\$50,000	\$50,000	
PC Labs			\$150,000	
Copier Equipment	\$145,000	\$145,000	\$145,000	
	<u>\$245,000</u>	<u>\$245,000</u>	<u>\$395,000</u>	<u>\$885,000</u>