

TO: Mike Riggle
FROM: Rosanne Williamson
RE: Digital Learning Proposal
DATE: May 9, 2013
CC: Board of Education

The findings of the digital learning pilot were presented at the May 6 Board meeting. Teachers and students involved in the pilot articulated the educational impact of moving to a 1:1 learning environment. The educational benefits of this move include greater efficiency in the use of class time, increased levels of student engagement through collaboration, production and student choice. This also provides access to enhanced instructional approaches for teachers.

Two options for an expanded digital learning pilot were presented to the Board. The administration is recommending **Option 1** as outlined in the attached document. Parents would be asked to pay \$40/year for insurance and extended warranty on the device. Dr. Ptak has updated the proposal to fund this initiative with the additional cost for Beck's Bookstore to assist in managing the distribution of devices at booksale as well as the exchange or return of devices that would fall under the extended warranty and insurance plan.

Besides the educational advantages of this approach, aspects of the business model are outlined below:

1:1 Device Business Model

- Eliminates the future need to replace multi-purpose computer labs when leases are up in two years.
- Rooms used for multi-purpose labs can be reclaimed for classrooms which will be helpful as GBS enrollment is expected to increase over the next few years.
- A 1:1 environment will likely lead to reduced printing as students and teachers can seamlessly share documents electronically through Google applications.
- At the end of the two-year lease on Chromebooks, students may purchase the device for \$50, potential revenue \$125,000.
- The 150 Chromebooks used in this year's pilot will be available to students if a device is returned for repair or replacement under extended warranty or insurance. There is no need to lease additional devices that would serve in this capacity.
- Research indicates that when families have to financially contribute to the cost of a device, students take more ownership and better care of the device leading to fewer repairs.
- In order to access Title I dollars, the parents of non-low income students must be required to pay a portion of the cost.
- The Glenbrook Foundation is likely to contribute to this effort which will offset some of the Board subsidy.
- The Chromebook requires no maintenance by technology staff, thus there is no impact on district resources.
- In order to diminish the financial impact to families, the Board may consider waiving the materials fee (\$15) for freshmen and sophomores.

EXPANDED ONE-TO-ONE PROGRAM

<u>Enrollment</u>	<u>GBN F/R</u>	<u>GBS F/R</u>	<u>Total F/R</u>	<u>GBN Other</u>	<u>GBS Other</u>	<u>Total Other</u>	<u>Total All</u>
Freshman	46	164	210	479	536	1,015	1,225
Sophomores	51	154	205	474	546	1,020	1,225
Juniors	42	121	163	483	579	1,062	1,225
Seniors	41	126	167	484	574	1,058	1,225
Total	180	565	745	1,920	2,235	4,155	4,900

<u>Cost of Chromebook</u>		<u>Third Party</u>
Chromebook	\$250	<u>Insurance</u> - \$25/year \$25 deductible per incident
Mgmt Console	\$30	Includes:
Cover	\$20	Theft - with police report, spills, breaks, damage,
	\$300	fire, flood, vandalism, accidental damage.
		Does not include: loss
Premium	\$25/year	<u>Extended Warranty</u> - Extension of manufacturer
Ext. Warranty	\$15/year	warranty. Covers wear/tear, mechanical failures

PRICING MODEL - 2 year lease

2-year \$1-buyout lease	Option 1		Option 2	
	9th & 10th graders		9th, 10th & 11th graders	
<u>District Cost</u>	<u>1-year cost</u>	<u>2-year cost</u>	<u>1-year cost</u>	<u>2-year cost</u>
Annual lease	\$382,247	\$764,494	\$573,371	\$1,146,741
Insur/Warr. for F/R	\$16,600	\$33,200	\$23,120	\$46,240
Beck's Increased Mgmt Fee	\$15,000	\$30,000	\$15,000	\$30,000
	\$413,847	\$827,694	\$611,491	\$1,222,981

Student Cost \$40/year - insurance premium & extended warranty
 \$25 deductible for any insurance claim
 \$300 replacement fee for lost device

Buy-out Option After year 2 - option to buy the device for \$50
 Potential Revenue \$125,000

Becks Fee (\$15K increase to mgmt fee) Becks would assume the responsibility of inventorying and distributing chromebooks, serving as the liaison between the students and insurance company, distributing loaners, collecting the \$40 annual student fee, collecting any insurance deductible, depositing insurance claim money.

<u>FUNDING of year 1</u>	<u>9th & 10th</u>	<u>9th, 10th & 11th</u>
Title 1 funds	\$16,600	\$23,120
Medicaid	\$30,000	\$30,000
Decrease in Tech Budget for student devices	\$85,000	\$85,000
Copier/Printer Savings (lease)	\$146,000	\$146,000
Board Subsidy	\$136,247	\$327,371
	\$413,847	\$611,491