

21st Century Learning Plan

District 64 Park Ridge-Niles

March 24, 2014

Mission:

Board of Education Consensus Goal: Student Learning #2:

By the spring of 2014, the Board will approve a plan that articulates 21st Century Learning including a recommendation on the need and value of a 1:1 computing model; how it may be funded; how it will integrate with the curriculum; and how we plan to measure and monitor its implementation and success.

Background:

Timeline:

2010-11	1st Year of Strategic Plan
2011-12	Pilot Instructional Technology Coaching
2012-13	Full Implementation of ITC Model
2013-14	Pilot 1:1 Chromebooks

Student Learning with Technology: An Integrated Approach

- Standards (CCSS, NETS)
- Assessment (Formative and Summative)
- Differentiation
- High-Impact Instruction

Current State of Technology

- Grades K-2: 1:4 iPads in each classroom

It allows me to differentiate for the varying needs of the students in my classroom. I have found the iPads to be an extremely engaging and easy tool for my students to use. I've used it as a tool to support student curiosity by allowing the students to research questions they have and receive the most current information available.

Current State of Technology

- Grades 3-8: 1:1 Chromebook Pilot

It really makes the students in charge of their own learning. Instead of me just lecturing to the class and not knowing immediately who needed more help, the students were able to work at their own pace to take charge of their own learning.

Action Research:

How does learning with technology impact:

- Student engagement/ownership of learning
- Critical thinking
- Differentiation
- Mastery of CCSS

90%-100% of teachers & students = Level 3 or 4

Recommendation

- Expand iPads for grades K-2
- Fully implement 1:1 learning with Chromebooks for grades 3-8

Funding Options: Parent Feedback

The District should cover the full cost of purchasing a device for my child's use.	16%
I would be willing to share in the District's cost of providing a device through an additional annual fee (approximately \$25-\$50).	36%
I would be willing to purchase a device for my child through a one-time payment. This would give full ownership of the device to the family (to take with them upon leaving District 64).	23%
I would be willing to purchase a device for my child through an installment plan. This would give full ownership of the device to the family after the final payment is received.	16%
I do not support a 1:1 initiative regardless of cost.	9%

Funding Options: Scenario 1

100% District-Funded	Year 1 Costs	Year 2 Costs	Year 3 Costs
Total 3-8 = 2424 (2984 students less existing 560 devices)	\$727,200	\$0	\$0
Contingency	\$18,000 (2%)	\$27,000 (3%)	\$36,000 (4%)
TOTAL	\$745,200	\$27,000	\$36,000

Funding Options: Scenario 2

100% District-Funded with Annual Parent Fee	Year 1 Costs	Year 2 Costs	Year 3 Costs	3-Year Total
Total 3-8 = 2424 (2984 students less existing 560 devices)	\$727,200	\$0	\$0	\$727,200
Contingency	\$18,000 (2%)	\$27,000 (3%)	\$36,000 (4%)	\$81,000
TOTAL EXPENDITURE	\$745,200	\$27,000	\$36,000	\$808,200
TOTAL REVENUE FROM FEES (2824*)	\$70,600- \$141,200	\$70,600- \$141,200	\$70,600- \$141,200	\$211,800- \$423,600
NET EXPENDITURE	\$604,000-\$ 674,600	(\$114,200) -(\$43,600)	(\$105,200) -(\$34,600)	\$384,600- \$596,400

Funding Options: Scenario 3

100% Parent-Funded	Year 1 Costs	Year 2 Costs	Year 3 Costs
Grades 3-8 PARENT-PURCHASED DEVICES	\$0	\$0	\$0
Contingency	\$9,300 (2%)	\$27,000 (3%)	\$36,000 (4%)
Contingency for Fee Waivers	\$48,000 (160 3-8 graders)	\$4,800 (incoming 3rd graders)	\$4,200 (incoming 3rd graders)
TOTAL DISTRICT COSTS	\$57,300	\$31,800	\$40,200

Funding Options: Scenario 4

Shared Funding	Year 1 Costs	Year 2 Costs	Year 3 Costs
Grade 3-5 = 858 (1418 less existing 560 devices)	\$257,400	\$0	\$0
Grades 6-8 PARENT-PURCHASED DEVICES	\$0	\$0	\$0
Contingency	\$9,300 (2%)	\$27,000 (3%)	\$36,000 (4%)
Contingency for Fee Waivers	\$35,400 (6-8 graders)	\$4,800 (incoming 6th graders)	\$4,200 (incoming 6th graders)
TOTAL DISTRICT COSTS	\$302,100	\$31,800	\$40,200

Key Considerations

- **Potential Tech Budget Offsets** - \$130,000 decrease from the current year's overall technology budget.
- **PARCC Testing Requirements** - Regardless of a 1:1 adoption, the District will need to plan for additional devices in order to accommodate these assessments.
- **Multi-District Discount Purchase** - Northern Illinois Chromebook Purchase coordinated through District 207
- **Instructional Management Software** - Hapara, the teaching and learning platform for Google Apps for Education, is already in use and budgeted for 2014-15.
- **BYO Chromebook** - Establish criteria and a process for allowing compatible Chromebooks in schools.
- **Payment Plan Processing** - Assess ability to absorb the additional workload to manage payment plans.

Thank You: BATC Members

Dr. Phil Bender, Superintendent

Dr. Terri Bresnahan, Director of Technology

Allison Blum, Technologist (RO)

Gini Burns, Teacher (EM)

Sue Herman, Technologist (LI)

Dr. Lori Hinton, Assistant Superintendent for Student Learning

Franny Keyes, Teacher (LI)

Jason Mata, Teacher (FI)

Barbie Murphy, Speech Language (JE)

Dr. Tony Murray, Principal (LI)

Caroline Schaab, Instructional Technology Coach (RO)

Nancy Sweeney, Teacher (FR)

Amanda Walsh, Instructional Technology Coach (LI)

Dan Walsh, Principal (FR)

Scott Altman, Parent (WA, LI)

Bill Basquin, Parent (JE, RO)

Paul Brown, Parent (CA)

Carrie De La Cruz, Parent (FR)

Sara Greiner-Carolan, Parent (FR)

Kendra Griffin, Parent (LI)

Dave Iffland, Parent (FI, EM)

Paul McCarthy, Parent (WA)

Doug Miller, Parent (CA)

Janice Oliva, Parent (WA)

Tony Sivore, Parent (FI, EM)

Hank Thiele, Director of Technology, District 207

Bernadette Tramm, District 64 Public Information Coordinator

John Heyde, District 64 Board of Education

Scott Zimmerman, District 64 Board of Education Vice President