

BOARD AGENDA ITEM

F-2

Meeting Date: November 29, 2011

Item Title: Technology Update and Progress Report

Item Type: Information

BACKGROUND: The District Technology Committee with teachers, administrators, and district office staff met in October and November. The group discussed the status of technology in the class room and offices. Based on the meetings and additional information from principals the group identified minimum teacher technology needs. Additionally the first steps were set to identify priorities for technology upgrades supported by Measure A funding.

Staff will present these priorities and the allocation of funds to provide technology upgrades.

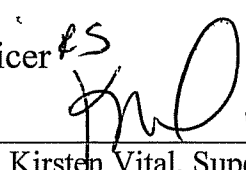
FISCAL ANALYSIS: Allocation of \$952,000 from Measure A, Measure C, Categorical carryover, and IT budget.

RECOMMENDATION: This item is presented for information only

AUSD Guiding Principles: #6-Allocation of funds must support our vision, mission and guiding principles. .

Submitted by: Robert Shemwell, Chief Business Officer

Approved for Submission to Board of Education


Kirsten Vital, Superintendent

Technology Update and Progress Report

November 29, 2011

Technology Committee

- Gray Harris - President, AEA
- Rob van Herk - Director of MIS
- Dann Bearson - Assistant Principal, Lincoln Middle School
- Michael Schafer - Teacher, Lincoln Middle School
- Michael O'Malley - Teacher, Alameda High School
- Jan Goodman - Principal, Ruby Bridges
- Terri Elkin - Coordinator of Achievement & Assessment
- Roxanne Clement - Teacher, Bay Farm Elementary
- Martin Bajda - Teacher, Encinal High School

Minimum Basic Infrastructure Needs

- Network
 - Each site has several network switches which need replacement. District server room also needs upgraded switches.
- Servers
 - Servers at most sites will be integrated in just a few (new) servers in 2 locations.
 - Need to upgrade email system server.
- Storage
 - File storage and backup storage is aging and needs to be upgraded.

Basic Classroom Needs .. and next

- Computer
- LCD Projector
- Document Camera

- Other Classroom Technology
 - Whiteboard - Netbook - Laptop
 - iPad - Mobi - Student responders

Additional Investments

- Wireless across the district
 - Replace 6 year old wireless access points
 - Centralized/remote management
 - Allow for guest access and portable devices
- Computer lab and media center computer upgrades

Measure A (\$ 340,000)

2011-2012

- Network and Servers (~\$100,000)
- PC – Replace 150 oldest staff PC's (\$60,000)
- 85 Document Cameras (\$55,250)
- 59 LCD Projectors (\$23,600)
- Other Classroom Technology (\$101,150)

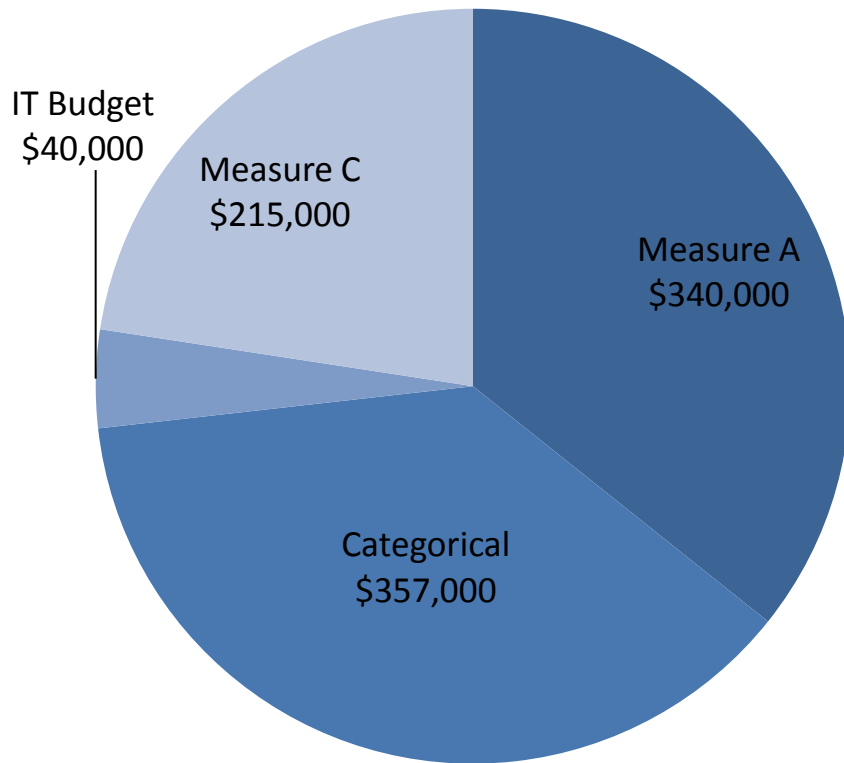
Measure C, Categorical, IT

(2011-2012 only / one-time money)

- Wireless across the district
 - ~\$225,000 (\$215,000 from Measure C, \$10K from IT budget)
- PC – Replace 50 oldest teacher/office PC's
 - \$20,000 (IT Budget)
- Lab, Media Center, Laptop Cart replacements
 - \$ 357,000 (Categorical)

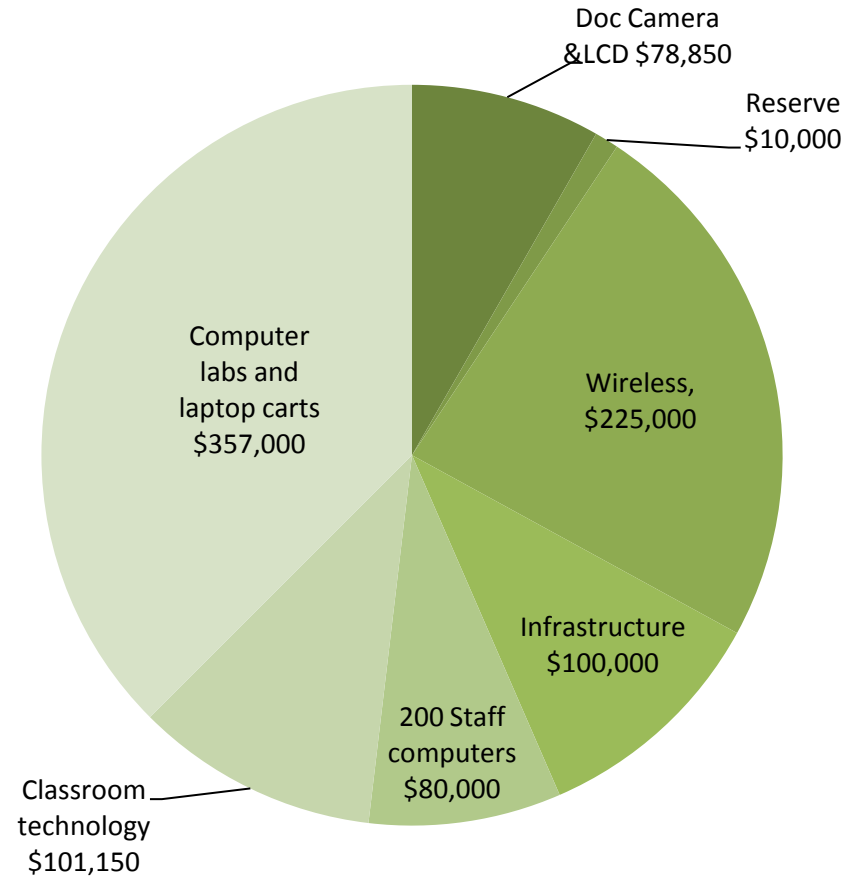
Technology Funds 2011-2012

Funding



\$ 952,000

Spending



Implementation Timeline

- Network, server, and storage: project in initial phase. Timing depends on hiring process for Network Administrator.
- Document Cameras and LCD projectors: 6 weeks.
 - Will provide professional development
- PC Replacement: ongoing.
- Computer lab: 4-6 weeks if infrastructure is available.

Measure A Future years

(\$340,000)

- Network and Servers
- PC – Replace Oldest Staff PC's
 - Based on age, usage, and state
- Other Technology
 - Part of new Technology Plan

Next Steps

- Identify Computer lab upgrade needs
- Tech Committee:
 - Work on proposal to identify which classroom technology (pilot) programs to support from Measure A Technology Upgrade fund.
 - Technology Plan:
 - Current plan is valid until June 2013.
 - Analyze, update, or re-write plan for a new 3-5 year time frame and incorporate ongoing Measure A spending and school plans.
 - Finish plan for Board approval in Spring of 2012.
 - Include site needs, site plans, and site funds.