

BOARD AGENDA ITEM

F-6

**Meeting Date:** June 14, 2011

**Item Title:** AUSD State of Technology 2011-12

**Item Type:** Information

**BACKGROUND:** With 2,500 computers in use at our schools every day, additional tools are becoming important options for education almost weekly (e.g., netbooks, tablets, smart phones, smart boards). As students, staff, and parents are asking for more 21<sup>st</sup> century classrooms, technology is an important topic.

With voter approval of the parcel tax, a significant dollar amount has been identified for improvement of technology throughout the district.

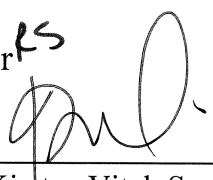
This presentation will provide an overview of the state of technology in the district, the existing support structure, and some ideas on how to move forward. The presentation is also meant to start a process whereby the Board of Education, staff, parents, students, and the community will be asked for input on how we, as a school district, can maintain and improve on technology use supporting the instruction and the day-to-day operations of the district.

**FISCAL IMPLICATIONS:** None

**RECOMMENDATION:** Accept information as presented.

**AUSD Guiding Principles:** 5.Accountability, transparency and trust are necessary at all levels of the organization. 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

# **AUSD**

# **State of Technology**

**June 14, 2011**

# Staff

- Central IT Department
  - Desktop/Computer Support (2)
  - Aeries SIS Support (2)
  - Network Administration
  - Server Support
  - Webmaster/Communication
  - Datawise Measures (shared with Assessment)
  - Teacher on Special Assignment (TSA) (Pending Board Approval)
- School Site Support
- Students / PTA & Parent Support

# Infrastructure

- AT&T OPT-E-MAN fiber connection between sites and to ACOE
- Local site network equipment
- Network servers
- Internet access through ACOE
- File and application servers
- Telephone systems

# Computer Equipment

- Teacher computers
  - Desktops
  - Laptops
  - Netbooks
- Site administration staff computers
- District office staff computers
- Printers
- Computer labs
- Computers in the classroom

# Computer Equipment

Site	Computers	Staff	Students (6/9/2011)	Student Computers	Students per computer
Alameda High	408	105	1809	303	6
Encinal High	249	75	1034	174	6
Island High	76	20	195	56	3
Wood Middle School	86	38	597	48	12
Lincoln Middle	99	52	939	47	20
Bay Farm Elementary	90	26	495	64	8
Earhart Elementary	137	29	591	108	5
Edison Elementary	58	21	424	37	11
Franklin Elementary	63	15	311	48	6
Haight Elementary	87	19	407	68	6
Lum Elementary	94	24	488	70	7
Otis Elementary	82	25	481	57	8
Paden Elementary	82	19	364	63	6
Ruby Bridges	218	33	636	185	3
Washington Elementary	90	17	299	73	4
	1919	518	9070	1401	6.5

# Classroom Hardware

- Projectors
- Netbooks
- Whiteboards (SMART – Mimio - Mobi)
- Document Cameras
- iPads
- Televisions
- Printers

# Applications

- AERIES Student Database
- Email
- SchoolLoop
- SchoolMessenger
- Datawise Measures
- Nutrikids
- Financial System
- HR System
- Maintenance and Technology Helpdesk



# Education Software

- MS Office
- SuccessMaker
- Discovery Education Network
- Destiny
- Adobe (CS4-Acrobat)
- Google Apps

# 2011-2012

- Replace aging infrastructure.
  - Switches, routers, servers, storage
- Replace aging computers (staff/teacher/lab).
- Upgrade or replace wireless access.
- Email (Google email, Microsoft Exchange 2010).
- Desktop applications (Google, Microsoft Office).
- Support classroom technology programs.

# Technology Input

- Board of Education
- Technology Oversight Committee with AEA
- Principals Meeting
- Management Meeting
- School Site (PTA)