

Status Report on Technology

September 17, 2009

Where We Began - Classrooms

- School Building Project
 - 4 Schools built new and/or renovated
 - Common Classroom Footprint of 1 Teacher workstation to 4 Student workstations
 - Some stationary labs
 - Some mobile labs
- Replenishment Plan
 - 5 years

Where We Began

- Technology Director
 - 3 Network Engineers
- Four Technology Integration Specialists
- Valid/Active Tech Plan

Changes

- Placentino
 - Replenished February 2004 (mid year 6)
 - Different footprint (1 Teacher, 2 student workstations per classroom)
 - Laptop Cart Added
 - Lab Added
- Miller
 - Replenished June 2004 (end year 5)
 - 2 Laptop Carts and Alpha Smart Cart Added

Changes

- Adams
 - Student machines refurbished in 2005 for English Department and Labs
 - Teacher, Admin & lab machines replaced
 - Different footprint as classrooms have no student stations (except English) – school moving toward lab based model
 - Laptop Carts Added
- High School
 - In 2005, Lab machines refurbished, Teacher and Admin machines replaced. Left two old machines in English classrooms and 2-6 in Science classrooms
 - Laptop Carts and Labs Added

Where We Began - Infrastructure

- LAN Based Self-Contained Network
 - Dedicated servers in each school
- Email externally managed
- Four separate instances of Student Database
- Closets running at 10-100 MHz

Changes

- Town-wide Fiber Optic WAN
 - Single Domain
- Servers down from 16 -> 10
- Hosting Email for Schools and Town
- Single Student Database
- Closets now running at 10-100-1000 MHz

What do we need now?

- Equipment
 - Placentino and Miller
 - due to be replenished based on the 5 Year Cycle
 - Placentino's footprint restoration
 - Adams
 - Many machines are refurbs
 - Laptop carts are failing
 - HS
 - Many machines are refurbs and some original year 2000 machines are still in use
 - Servers are showing signs of age, failures are more frequent
 - Need for more smart classrooms (projectors and/or smartboards)
 - Increase in the use of mobile or 1:1 type of technologies
 - Phone system is showing signs of age
- Personnel
 - Re-establish District Tech Plan working group

What does it cost?

- Equipment
 - Desktops
 - \$ 466,900
 - Laptops
 - \$ 42,500
 - Printers
 - \$ 26,000
 - Smart Classrooms
 - \$ 8,800
 - Closets
 - \$ 138,000
- Personnel
 - Tech Plan Workgroup
 - \$ 0
- Total - \$ 682,200

Where do we go?

- Equipment
 - Dedicate ourselves to the 5 year replenishment plan
 - Appropriation
 - Capital
 - Lease
 - Explore more “Any Time, Any Place” Learning opportunities
 - Online classes
 - 1:1 opportunities
 - Mobile computing
- Personnel
 - Tech Integration