



Technology Plan 2010-13 Overview

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Technology Plan Requirements

- Plan must include all five elements below:
 - Goals and a realistic strategy for using telecommunications and information technology.
 - A professional development strategy.
 - An assessment of telecom services, hardware, software and other services needed.
 - Sufficient budget and other resources needed to implement the plan.
 - An ongoing evaluation process.
- Plan must cover a period no longer than three years in length.
- RIDE approval required by July 2010.

Plan Process and Approach

- Three Phase Development Process
 - Phase One
 - Assessment of existing documentation.
 - Collaboration with PPSD Staff.
 - Data Collections all Technology Systems.
 - Phase Two
 - Development of a draft.
 - Review and modification of the draft.
 - Phase Three
 - Review and finalization of the document for it final submission.

Technology Plan Goals

Communication Infrastructure and Classroom Technology

- ❑ Continue to upgrade the existing communications infrastructure and networks in all schools.
- ❑ Utilize the PCTA High School and the Bishop Middle School as demonstration schools to support Teaching and Learning Model and Identify, select, design and implement an elementary school for a demonstration center.
- ❑ Upgrade the AV presentation capabilities in all classrooms in non-demonstration schools.
- ❑ Review, modify, edit and adapt standards to ensure that all modernized and new schools meet the Communications Infrastructure criteria.

Technology Plan Goals

Professional Development

- Create an environment and provide the resources that will allow all teachers to attain the skills necessary to become effective managers and facilitators of instruction.
- Develop technology fluent school and central office administrators.

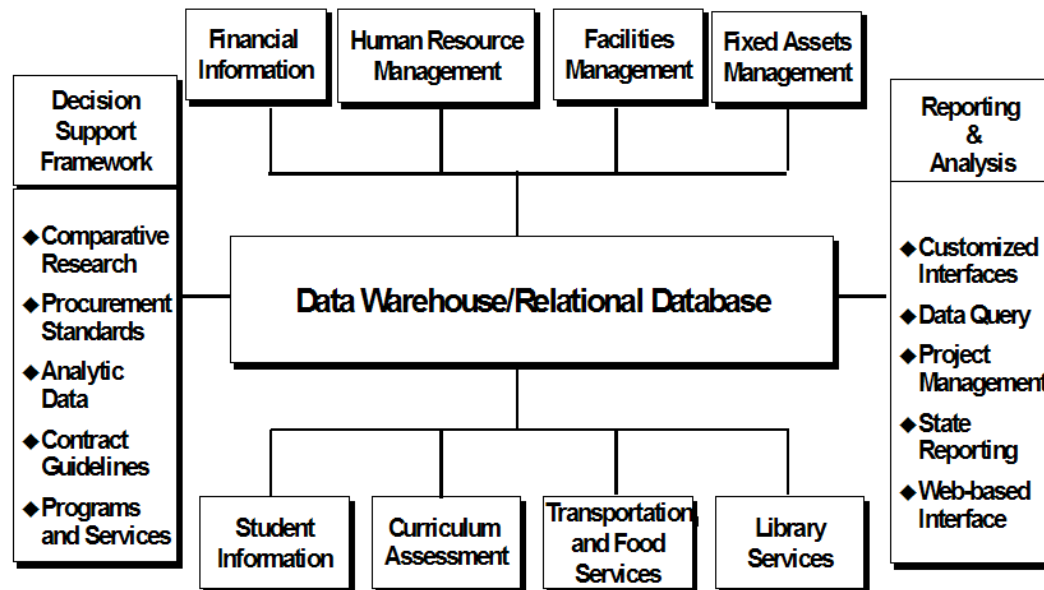
Technology Support

- Provide resources necessary for a plan to provide the technology staffing support necessary to implement the technology based Teaching and Learning Model put forth in the central premise.
- Create technology standards and policies that will aid the school system in implementing the goals set forth in the Technology Plan.

Technology Plan Goals

Data-Driven Decision Making System

- ❑ Define, develop and implement both the process and data processing support for a district-wide data-driven decision making systems .



Funding Requirements

- The table below summarizes the estimated additional technology funding that would be required to support three major initiatives set forward in the Plan.

Major Initiative	Year 1	Year 2	Year 3
Demonstration Schools	\$125,000	\$235,000	\$535,000
Electronic Whiteboards	\$1,415,000	\$4,089,000	\$1,698,000
Data-Driven Decision Making	\$220,000	\$570,000	\$570,000
Total Additional Funding	\$1,760,000	\$4,894,000	\$2,703,000

Plan Evaluation Process

- A Three Level Approach will be used
 - Plan Monitoring
 - Were tasks completed as designed?
 - Were implementation timelines met?
 - What barriers were encountered during implementation?
 - Plan Evaluation
 - How is technology contributing to improve student learning?
 - How is technology improving department's core capacities for educational improvements?
 - Plan Upgrade Strategies
 - Establish a Committee to discuss results of the monitoring and evaluation efforts.

Completed Projects

- **Email Archive Solution**
 - Archive email for all district staff to meet federal, state and local electronic records retention requirements.
- **Systems Management Tool**
 - This tool automates IT systems management to reduce overall costs, helps the district to manage the infrastructure more quickly and more precisely to improve stakeholder's accessibility and visibility.
 - The district has started the IT systems discovery phase with this tool that will result in a detailed yearly replacement plan to improve student access.
- **Tardy Kiosk System**
 - Main focus on automating the entire tardy process in the High Schools resulting in streamlining the student-to-classroom process.

In Progress Projects

- Erate (Year12) Network Projects
 - Replacement of entire network infrastructure and adding wireless coverage in 11 schools.
 - Total cost of \$1,836,629.14
 - District's local share of cost \$295,414.34
- Expanding Student E-Mail Live@EDU (Exchange Labs)
 - Web based on-line hosted email service for students.
 - Expanding this tool to all High School students.
 - Developed Promotion to increase usage of tool by students.
- Deployment of District wide Anti-Virus Solution
 - Migrating all district systems to a new anti-virus solution.
 - New System Management solution being used to automate deployment.

Future Projects

- Employee Portal
 - Improve staff access to all electronic tools.
 - Improve team productivity with easy-to-use collaborative tools.
 - Easily manage documents and help ensure integrity of content.
- New District Wide E-mail Solution
 - Replacement of existing hardware and software e-mail solution.
 - Part of Erate Year 12 projects.
- Deployment of Donations
 - Received over 200 end-user systems.
 - Deployment plan includes a school at each level.
 - Building Partnerships.

Infrastructure Statistics

- Locations Supported: 53
- Network Servers: 124 (9% Virtualized).
- Network Equipment: Over 1,200 devices.
- Network Users: Over 27,000 Accounts.
- Student Workstations: Approximately 6,500
 - 1/4 have been purchased in the past 3 years.
 - 5:1 (ES), 3:1 (MS) and 3:1 (HS) Ratio of student to computers.
- Applications: 200 local and networked applications.